

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002090.D
 Acq On : 26 Mar 2020 16:52
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 27 04:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	160940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	297325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	186371	107.27	ug/l	0.00
Spiked Amount			Recovery	=	214.54%	
35) Dibromofluoromethane	7.74	113	178233	109.16	ug/l	0.00
Spiked Amount			Recovery	=	218.32%	
50) Toluene-d8	10.19	98	735981	106.80	ug/l	0.00
Spiked Amount			Recovery	=	213.60%	
62) 4-Bromofluorobenzene	12.49	95	253073	105.37	ug/l	0.00
Spiked Amount			Recovery	=	210.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	100020	70.979	ug/l	100
3) Chloromethane	2.12	50	169117	86.432	ug/l	99
4) Vinyl Chloride	2.26	62	182986	91.952	ug/l	99
5) Bromomethane	2.65	94	118765	89.093	ug/l	99
6) Chloroethane	2.80	64	122513	96.784	ug/l	100
7) Trichlorofluoromethane	3.14	101	257264	94.458	ug/l	97
8) Diethyl Ether	3.55	74	109592	101.244	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	171990	97.718	ug/l	98
10) Methyl Iodide	4.11	142	223848	110.133	ug/l	100
11) Tert butyl alcohol	4.98	59	87278	417.398	ug/l	98
12) 1,1-Dichloroethene	3.89	96	176603	99.689	ug/l	99
13) Acrolein	3.75	56	150145	597.101	ug/l	99
14) Allyl chloride	4.50	41	327944	103.400	ug/l	98
15) Acrylonitrile	5.19	53	286045	494.177	ug/l	99
16) Acetone	3.97	43	230026	462.924	ug/l	96
17) Carbon Disulfide	4.21	76	592019	99.551	ug/l	98
18) Methyl Acetate	4.50	43	124693	97.708	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	496539	102.797	ug/l	100
20) Methylene Chloride	4.74	84	206360	96.538	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	206172	102.077	ug/l	96
22) Diisopropyl ether	6.14	45	666688	102.430	ug/l	98
23) Vinyl Acetate	6.08	43	2168415	509.561	ug/l	98
24) 1,1-Dichloroethane	6.04	63	359438	102.323	ug/l	99
25) 2-Butanone	7.00	43	366215	484.416	ug/l	98
26) 2,2-Dichloropropane	7.00	77	292027	101.063	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	227524	103.447	ug/l	99
28) Bromochloromethane	7.35	49	168836	105.300	ug/l	99
29) Tetrahydrofuran	7.36	42	243073	483.059	ug/l	99
30) Chloroform	7.53	83	341973	103.670	ug/l	98
31) Cyclohexane	7.80	56	359967	95.844	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	288826	104.033	ug/l	99
36) 1,1-Dichloropropene	7.93	75	284924	100.438	ug/l	99
37) Ethyl Acetate	7.10	43	158504	96.402	ug/l	98
38) Carbon Tetrachloride	7.91	117	245342	100.959	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	376325	99.847	ug/l	99
40) Benzene	8.17	78	849911	100.924	ug/l	99
41) Methacrylonitrile	7.36	41	215530	281.369	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	218604	100.613	ug/l	99
43) Isopropyl Acetate	8.28	43	308954	98.867	ug/l	99
44) Trichloroethene	8.95	130	203044	98.885	ug/l	94
45) 1,2-Dichloropropane	9.22	63	217631	102.579	ug/l	100
46) Dibromomethane	9.31	93	111075	101.599	ug/l	100
47) Bromodichloromethane	9.50	83	268809	105.580	ug/l	99
48) Methyl methacrylate	9.30	41	139496	101.345	ug/l	98
49) 1,4-Dioxane	9.31	88	29448	1973.639	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	785409	488.222	ug/l	99
52) Toluene	10.25	92	525290	102.742	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	297973	107.524	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	346758	105.109	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	161468	100.730	ug/l	96
56) Ethyl methacrylate	10.52	69	245109	105.113	ug/l	96
57) 1,3-Dichloropropane	10.80	76	287134	100.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	607818	611.342	ug/l	100
59) 2-Hexanone	10.84	43	544943	475.809	ug/l	98
60) Dibromochloromethane	10.99	129	179642	106.849	ug/l	100
61) 1,2-Dibromoethane	11.10	107	153941	101.645	ug/l	99
64) Tetrachloroethene	10.72	164	165126	99.364	ug/l	95
65) Chlorobenzene	11.52	112	528220	100.655	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	177320	102.871	ug/l	99
67) Ethyl Benzene	11.60	91	989771	100.964	ug/l	100
68) m/p-Xylenes	11.70	106	731239	202.111	ug/l	100
69) o-Xylene	12.03	106	346332	101.465	ug/l	99
70) Styrene	12.05	104	607668	103.868	ug/l	99
71) Bromoform	12.21	173	100310	107.491	ug/l #	100
73) Isopropylbenzene	12.33	105	938503	103.119	ug/l	100
74) N-amyl acetate	12.15	43	277519	99.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	193723	98.993	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	253062	176.556	ug/l #	100
77) Bromobenzene	12.61	156	198391	102.481	ug/l	99
78) n-propylbenzene	12.67	91	1159305	103.132	ug/l	99
79) 2-Chlorotoluene	12.76	91	639090	102.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	764381	101.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	73369	105.003	ug/l	97
82) 4-Chlorotoluene	12.86	91	667007	103.045	ug/l	100
83) tert-Butylbenzene	13.08	119	652903	104.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	758202	101.822	ug/l	99
85) sec-Butylbenzene	13.26	105	942257	102.425	ug/l	100
86) p-Isopropyltoluene	13.38	119	805454	101.448	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	374663	99.040	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	382603	99.772	ug/l	99
89) n-Butylbenzene	13.70	91	837357	101.609	ug/l	100
90) Hexachloroethane	13.97	117	158411	105.789	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	351672	101.939	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	30071	98.289	ug/l	99

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QLast Update : Fri Mar 27 04:05:22 2020
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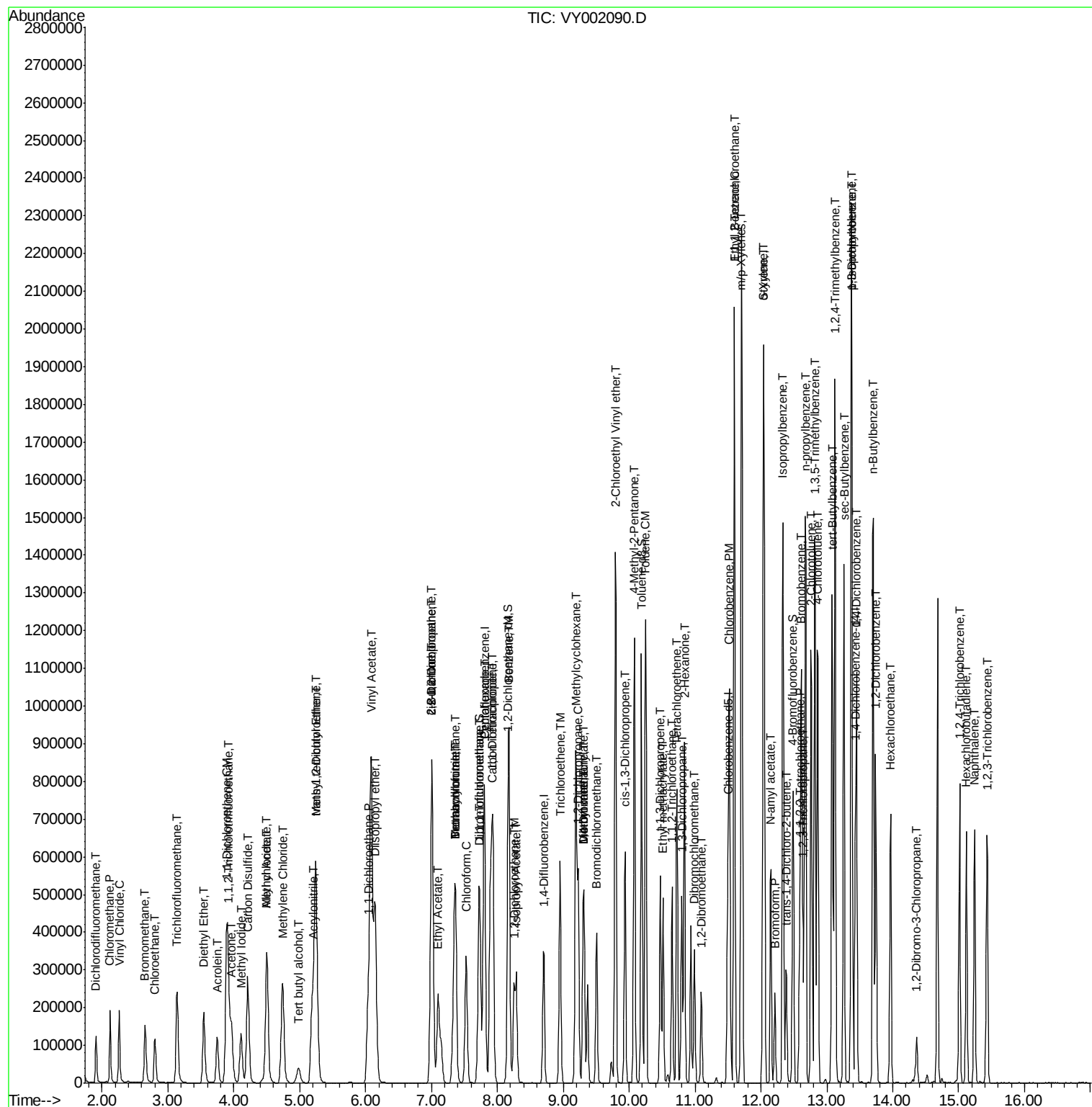
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	229453	103.056	ug/l	97
94) Hexachlorobutadiene	15.12	225	109507	100.273	ug/l	100
95) Naphthalene	15.24	128	538171	101.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	201464	102.248	ug/l	98

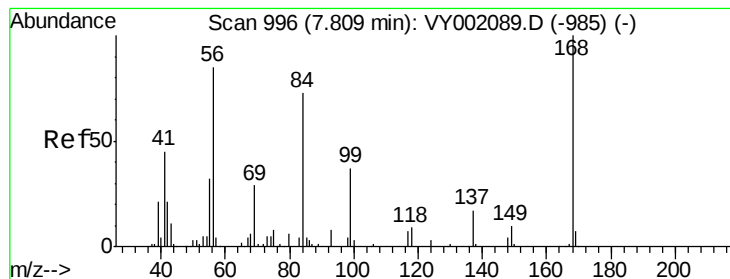
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
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 Acq On : 26 Mar 2020 16:52
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 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDIC100

Quant Time: Mar 27 04:11:50 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

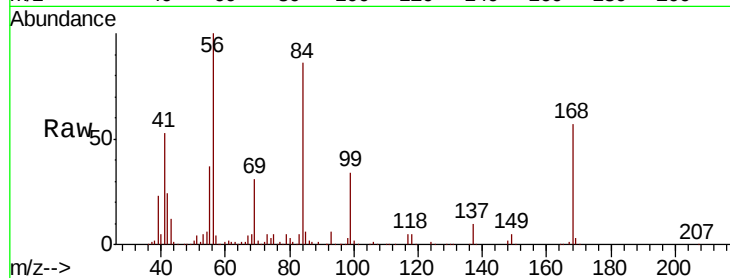
VSTDIC100

Tot Ion:168 Resp: 160940

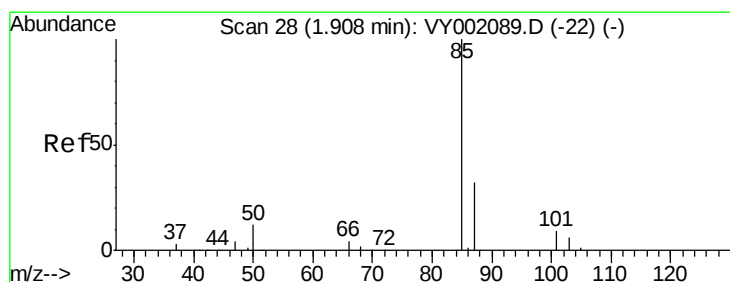
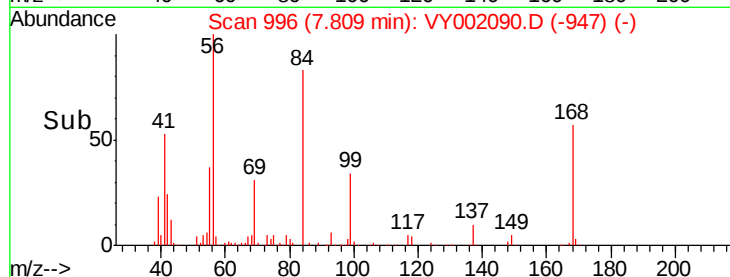
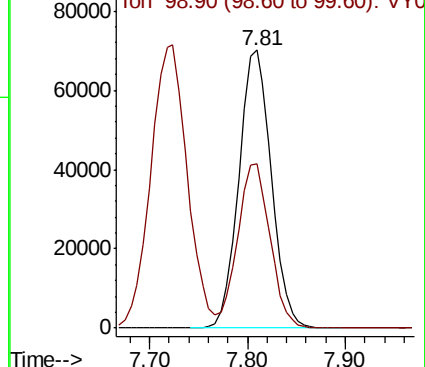
Ion Ratio Lower Upper

168 100

99 59.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 70.979 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002090.D

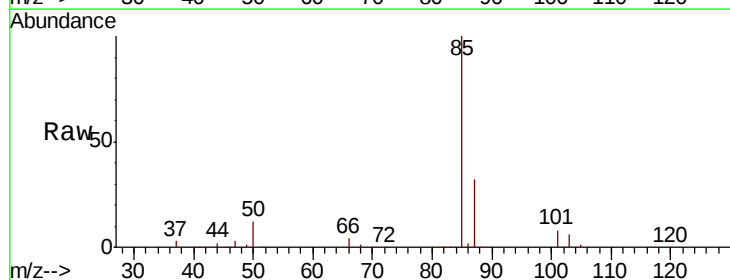
Acq: 26 Mar 2020 16:52

Tgt Ion: 85 Resp: 100020

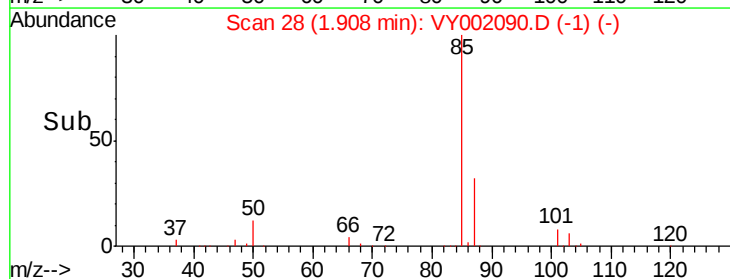
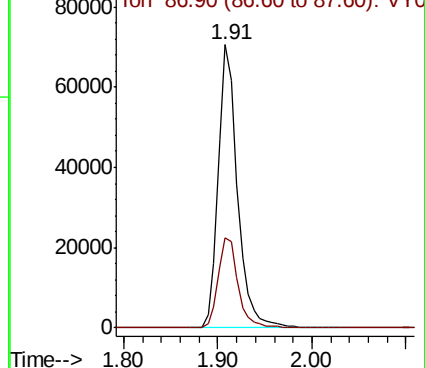
Ion Ratio Lower Upper

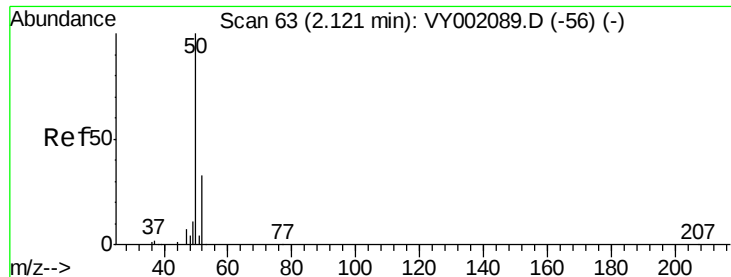
85 100

87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 86.432 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

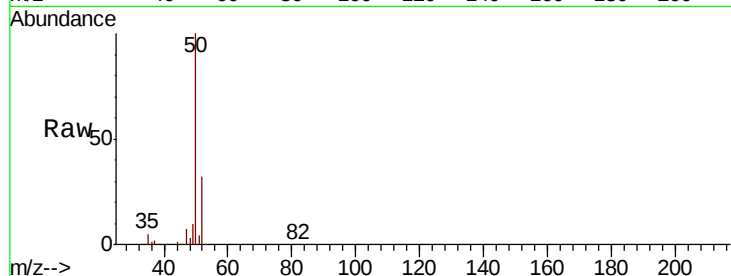
VSTDIC100

Tot Ion: 50 Resp: 169117

Ion Ratio Lower Upper

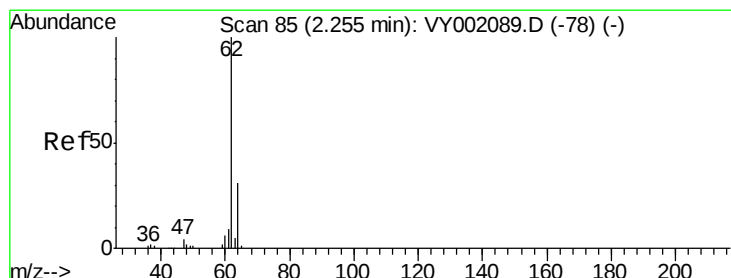
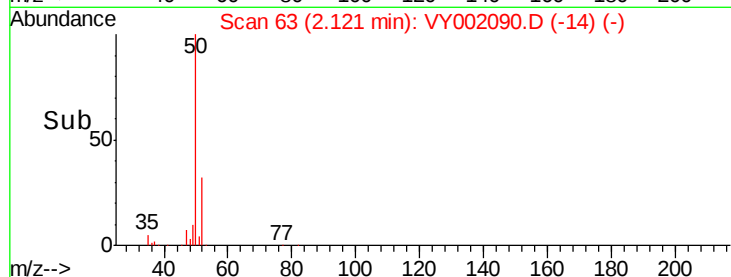
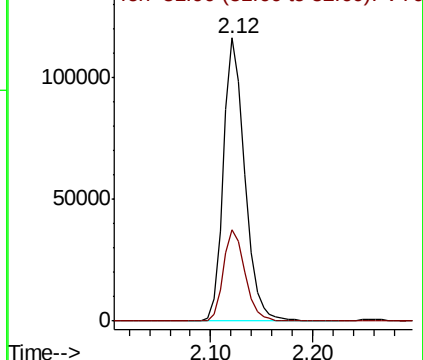
50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 91.952 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002090.D

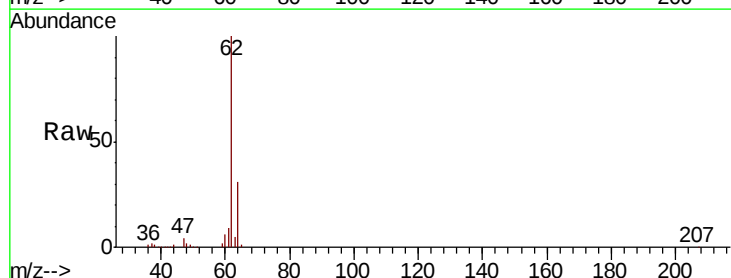
Acq: 26 Mar 2020 16:52

Tgt Ion: 62 Resp: 182986

Ion Ratio Lower Upper

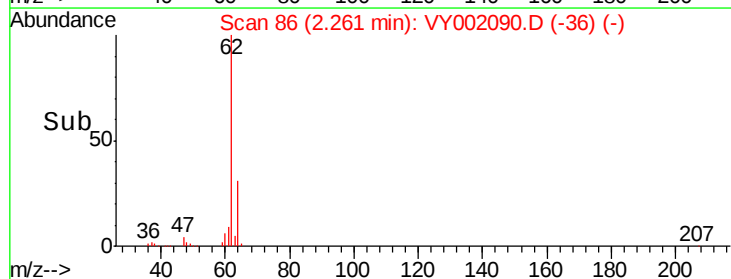
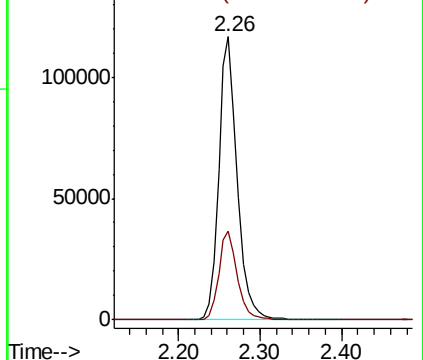
62 100

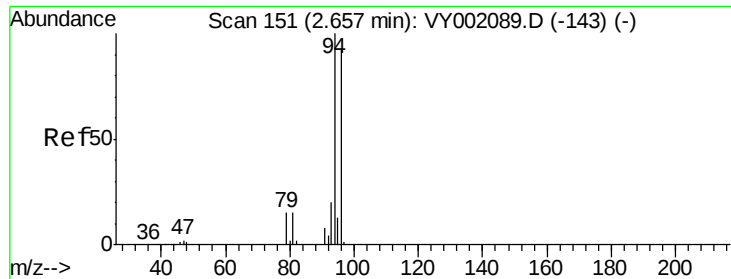
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 89.093 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

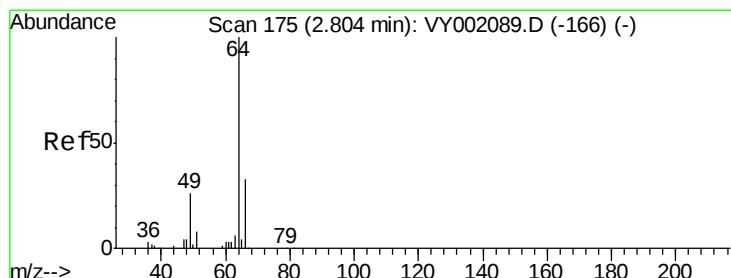
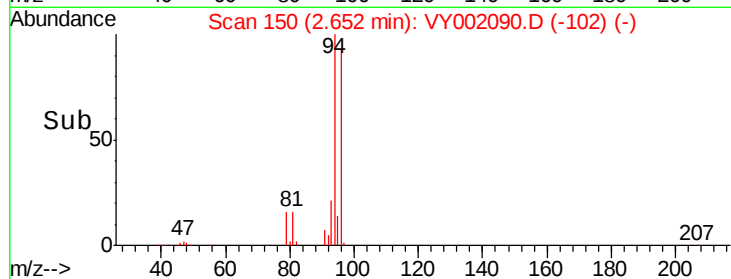
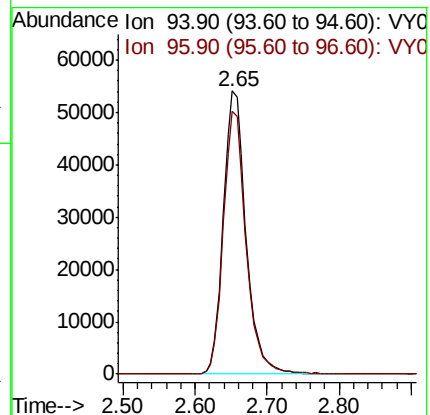
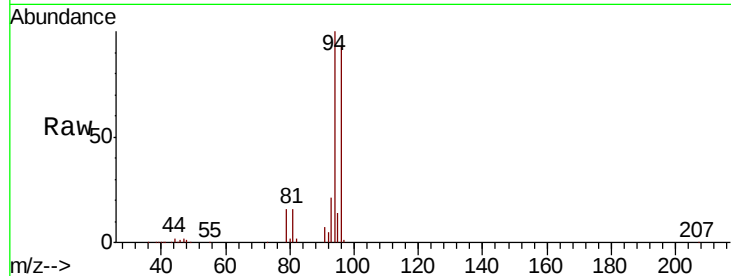
VSTDIC100

Tot Ion: 94 Resp: 118765

Ion Ratio Lower Upper

94 100

96 93.1 74.1 111.1



#6

Chloroethane

Concen: 96.784 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002090.D

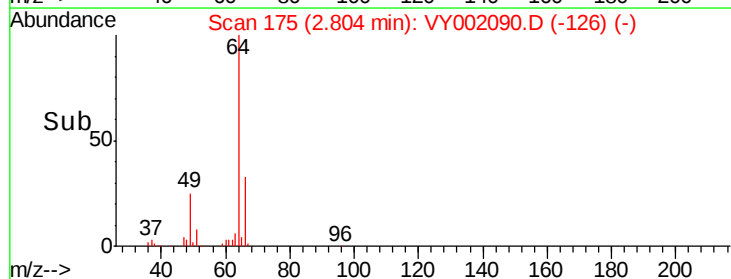
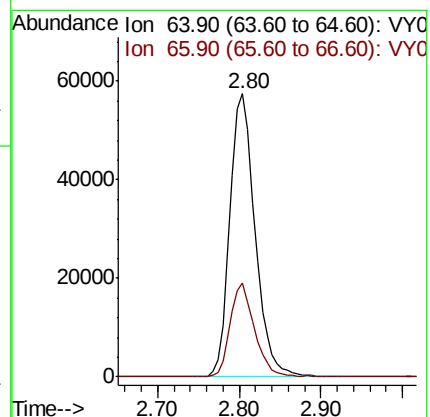
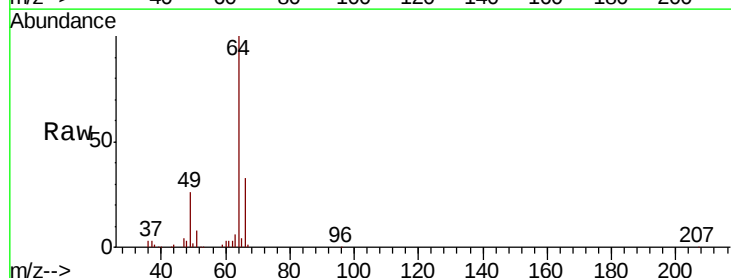
Acq: 26 Mar 2020 16:52

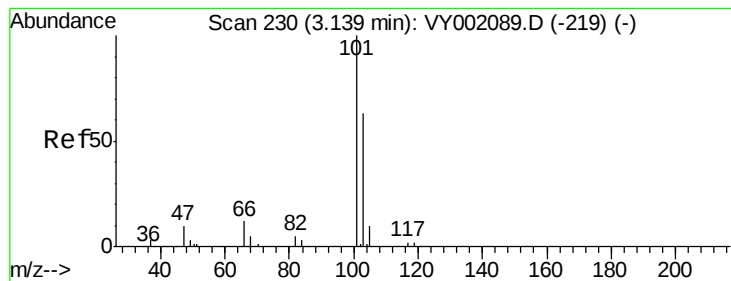
Tgt Ion: 64 Resp: 122513

Ion Ratio Lower Upper

64 100

66 33.3 26.6 39.8



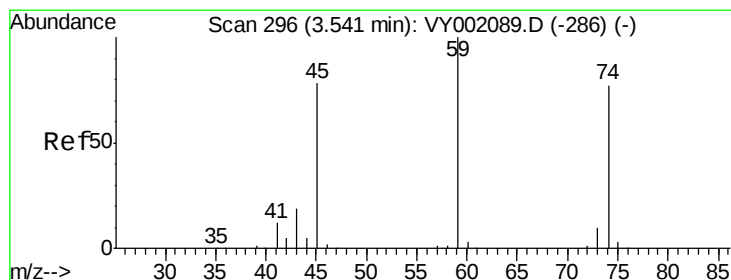
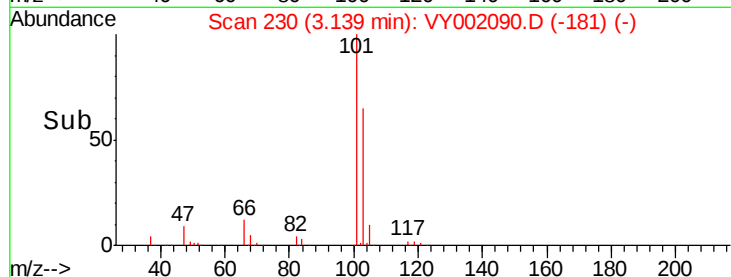
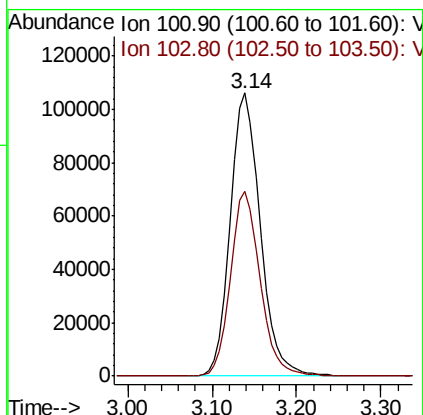
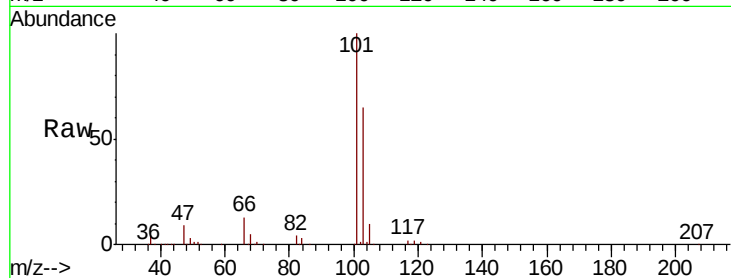


#7

Trichlorofluoromethane
 Concen: 94.458 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
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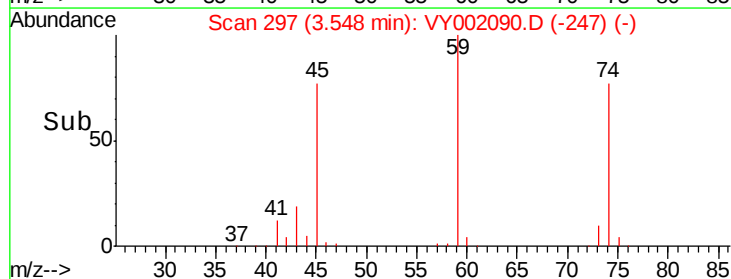
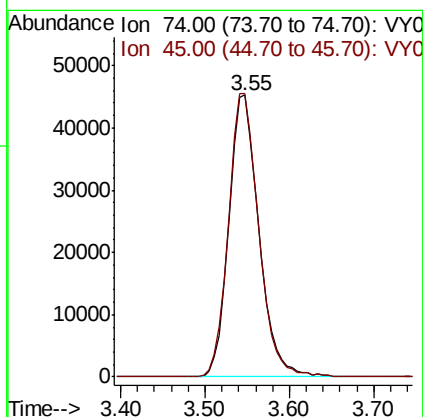
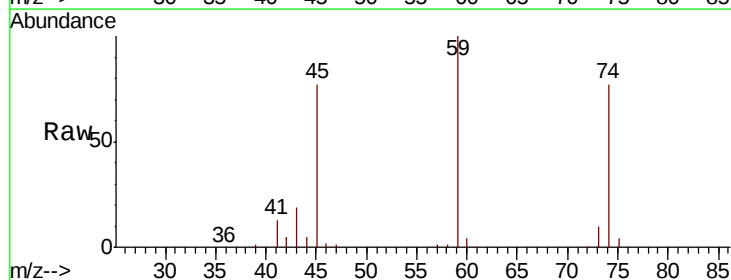
Tot Ion:101 Resp: 257264
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 76.0

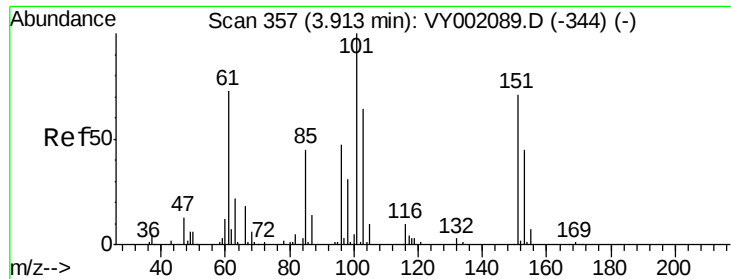


#8

Diethyl Ether
 Concen: 101.244 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 74 Resp: 109592
 Ion Ratio Lower Upper
 74 100
 45 101.5 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.718 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

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VSTDIC100

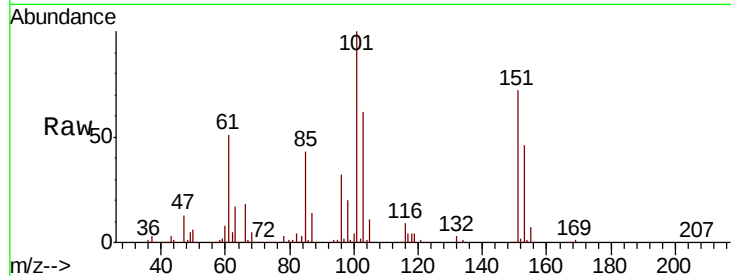
Tot Ion:101 Resp: 171990

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

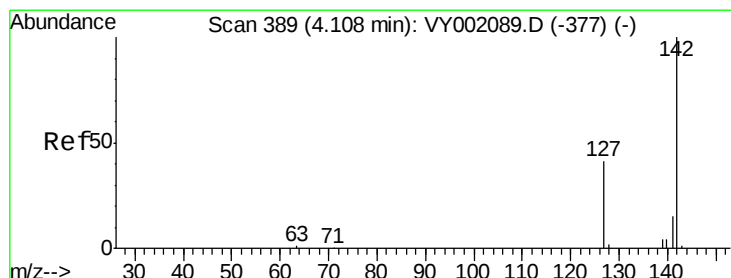
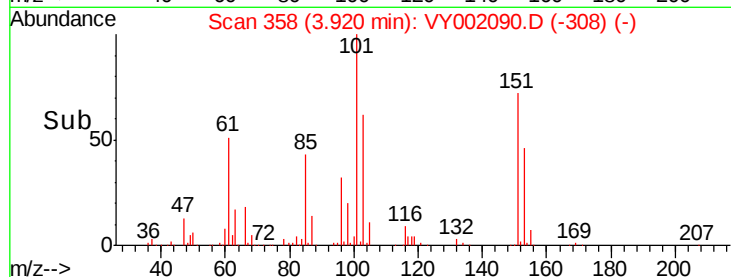
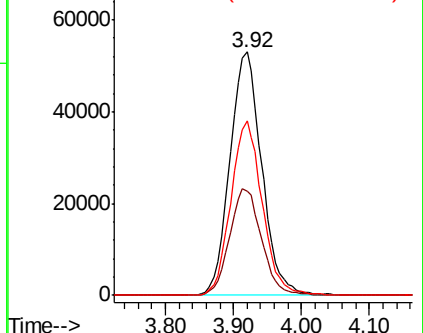
151 70.7 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 110.133 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

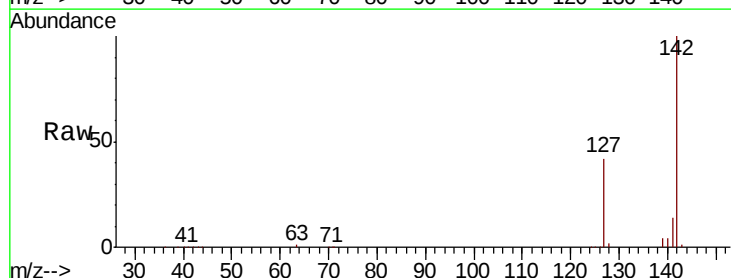
Tgt Ion:142 Resp: 223848

Ion Ratio Lower Upper

142 100

127 40.7 32.6 49.0

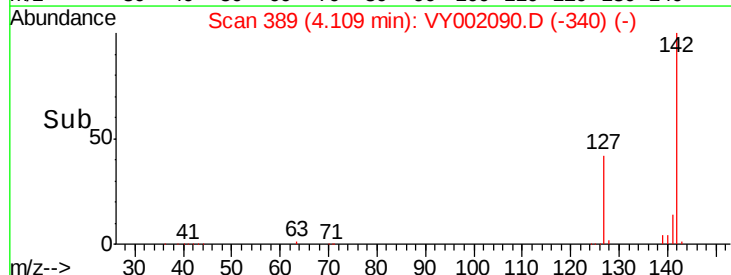
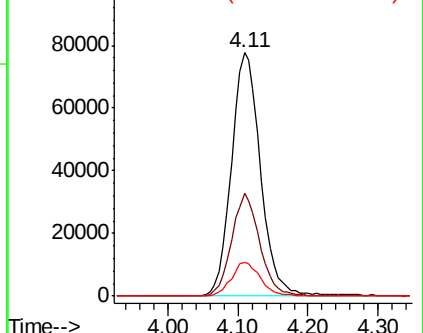
141 14.0 11.4 17.0

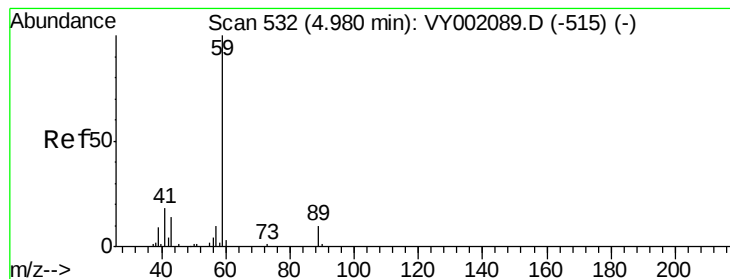


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



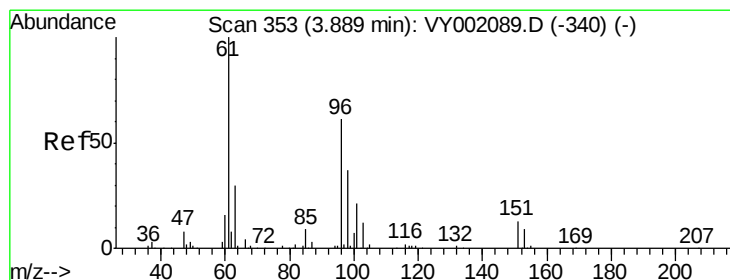
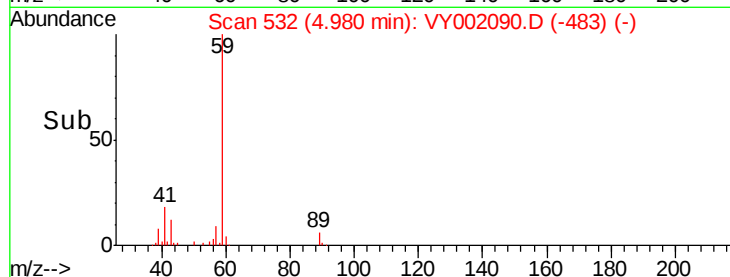
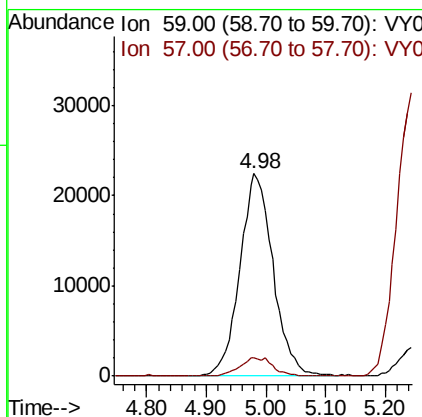
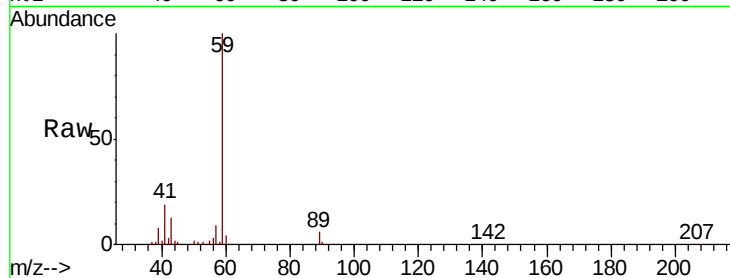


#11

Tert butyl alcohol
 Concen: 417.398 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

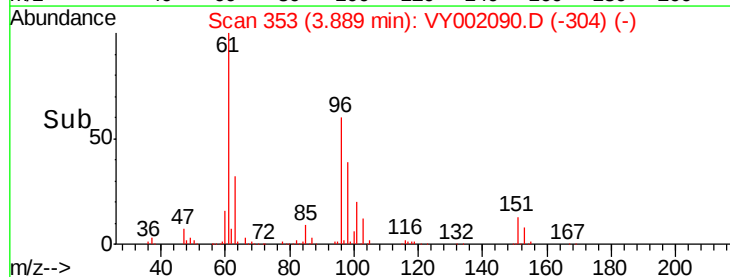
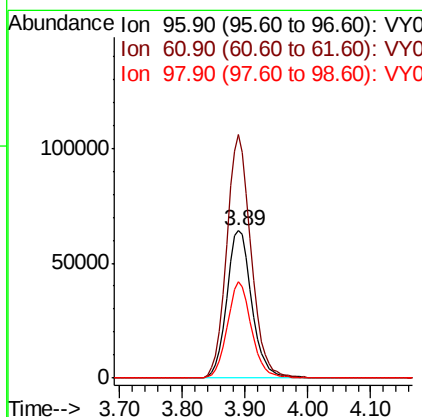
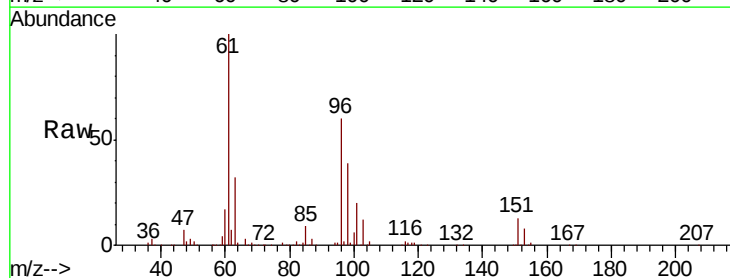
Tot Ion: 59 Resp: 87278
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.7 11.5

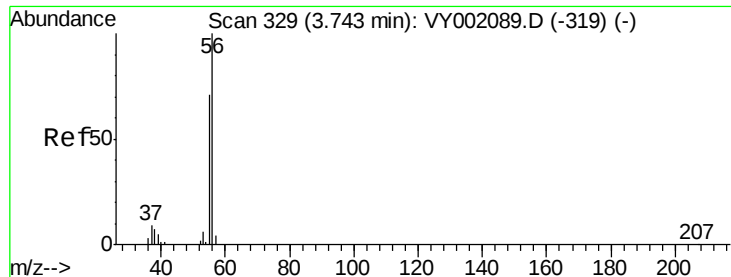


#12

1,1-Dichloroethene
 Concen: 99.689 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 96 Resp: 176603
 Ion Ratio Lower Upper
 96 100
 61 165.4 132.0 198.0
 98 65.2 49.4 74.0





#13

Acrolein

Concen: 597.101 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

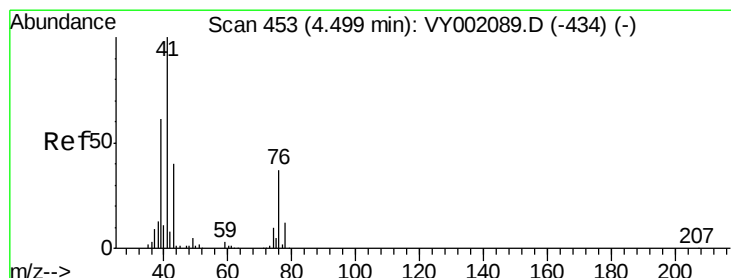
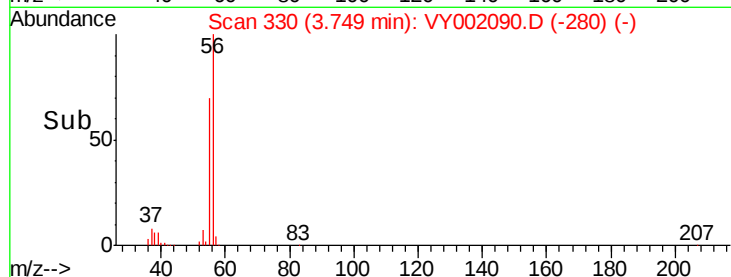
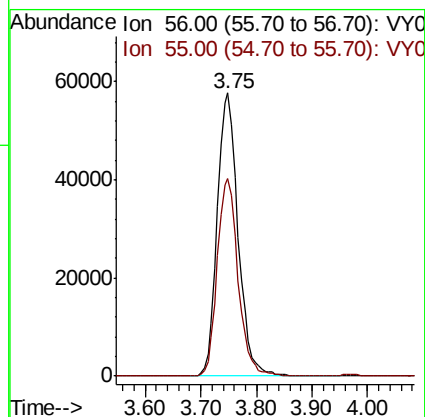
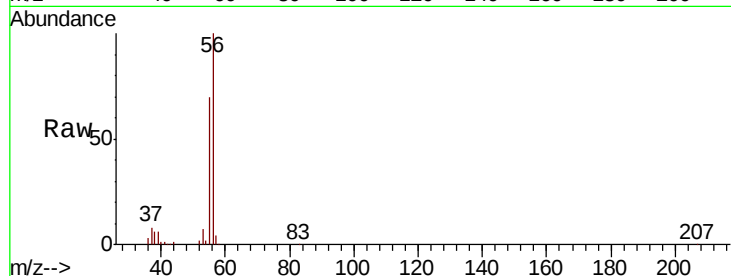
VSTDIC100

Tot Ion: 56 Resp: 150145

Ion Ratio Lower Upper

56 100

55 69.5 56.5 84.7



#14

Allyl chloride

Concen: 103.400 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

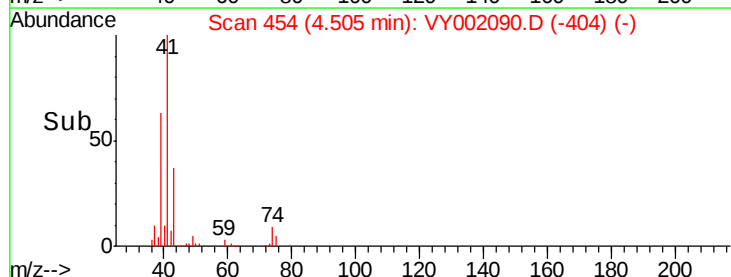
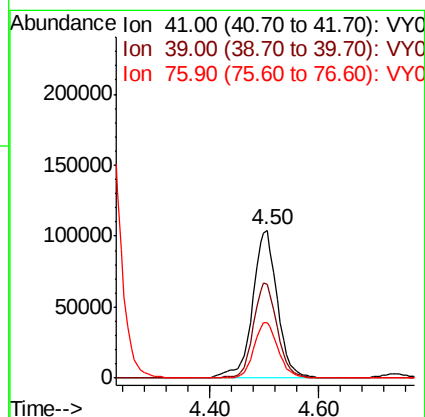
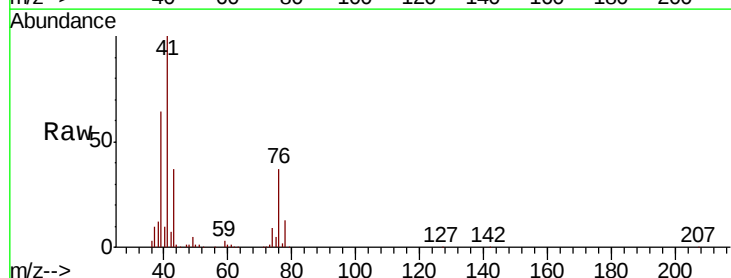
Tgt Ion: 41 Resp: 327944

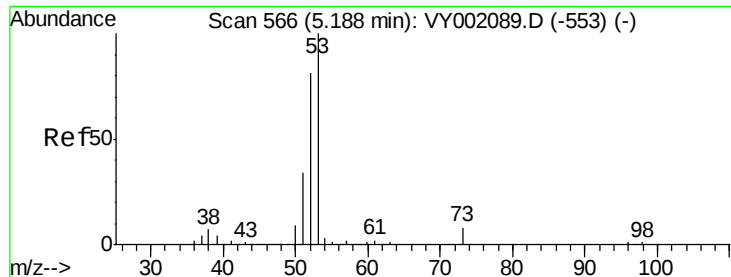
Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.4

76 36.4 27.8 41.8





#15

Acrylonitrile

Concen: 494.177 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

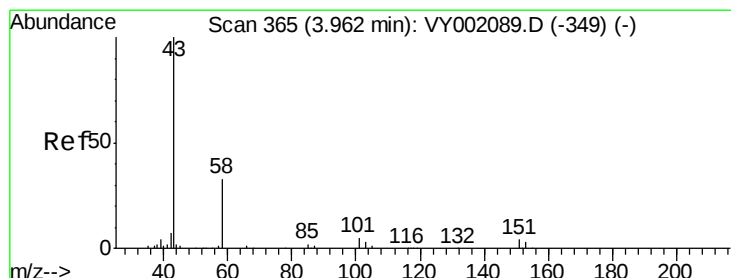
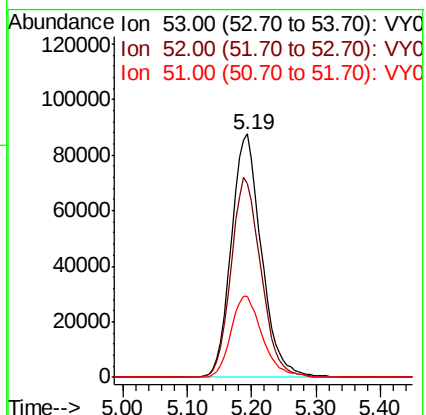
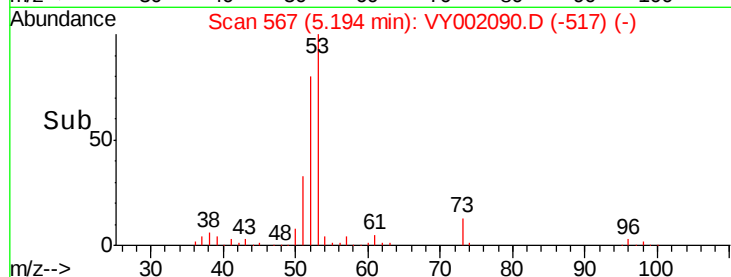
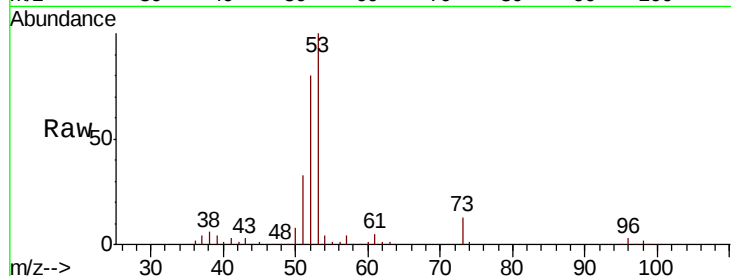
Tot Ion: 53 Resp: 286045

Ion Ratio Lower Upper

53 100

52 81.7 64.6 97.0

51 34.9 27.9 41.9



#16

Acetone

Concen: 462.924 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002090.D

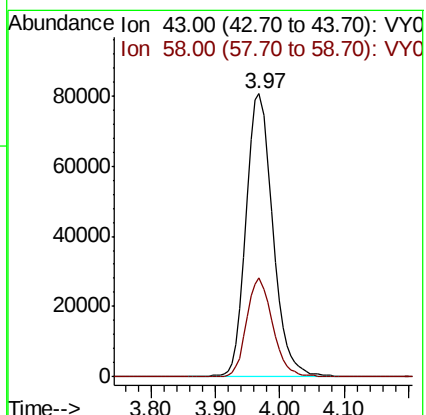
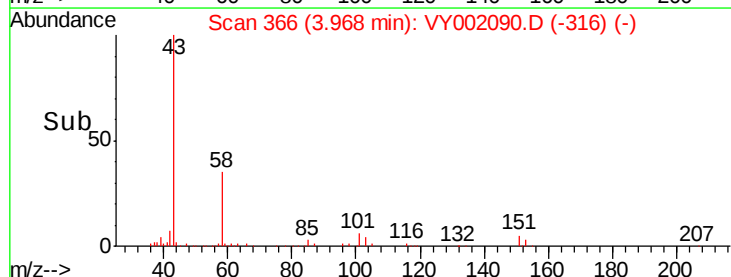
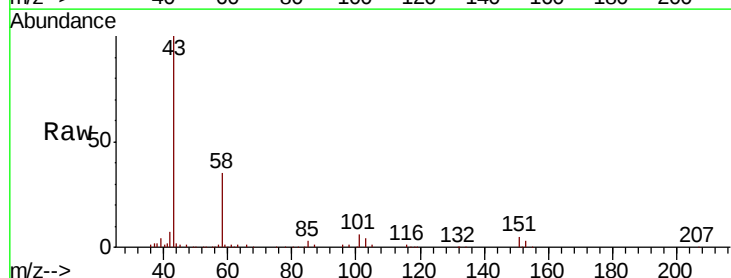
Acq: 26 Mar 2020 16:52

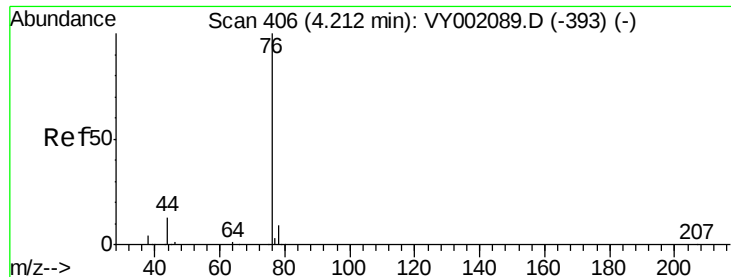
Tgt Ion: 43 Resp: 230026

Ion Ratio Lower Upper

43 100

58 35.0 26.3 39.5

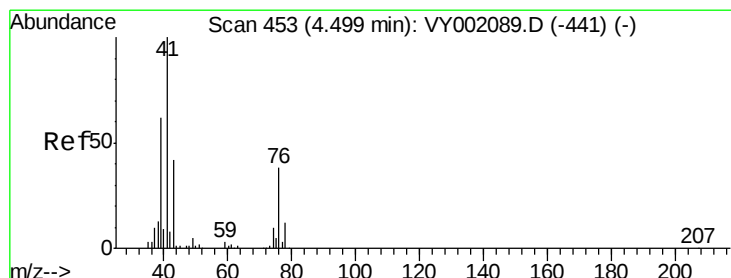
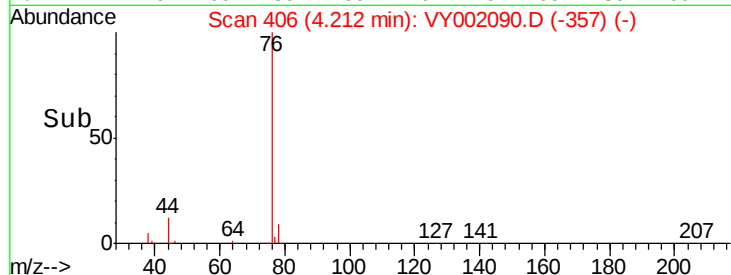
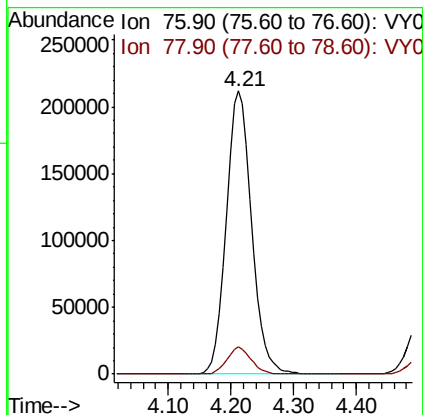
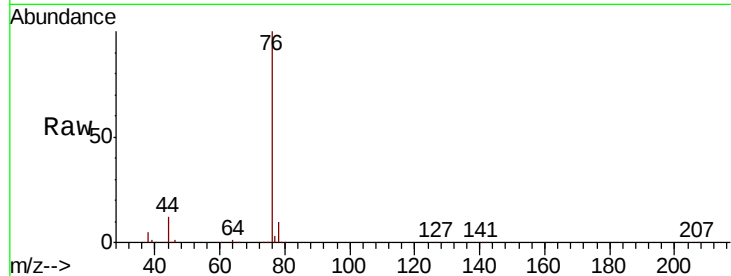




#17
Carbon Disulfide
Concen: 99.551 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

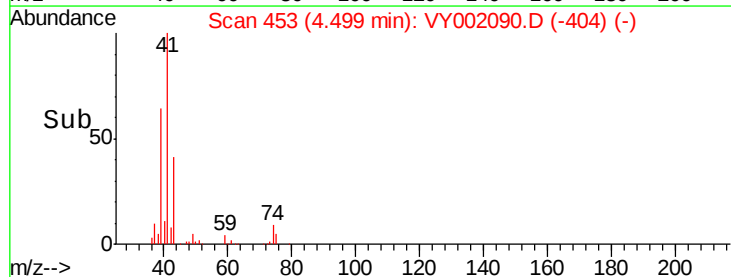
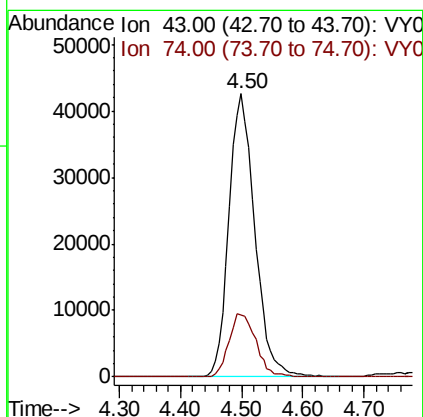
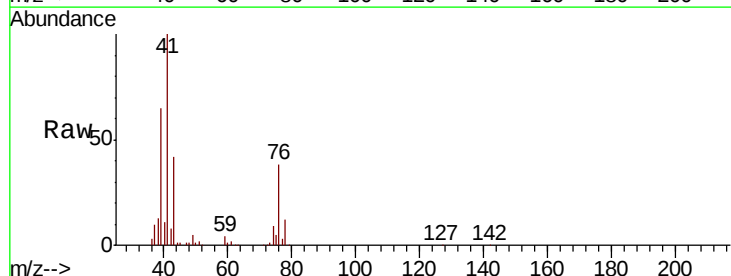
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

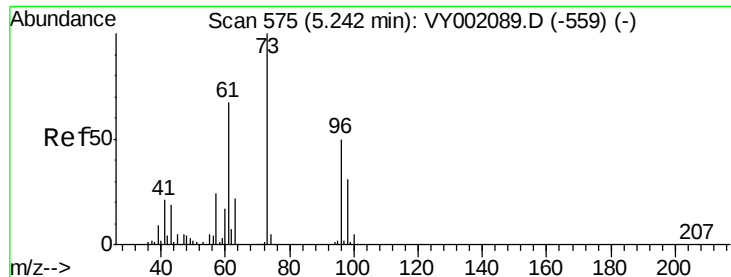
Tot Ion: 76 Resp: 592019
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 97.708 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 43 Resp: 124693
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5

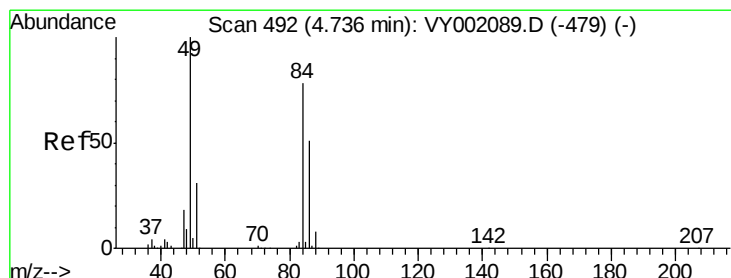
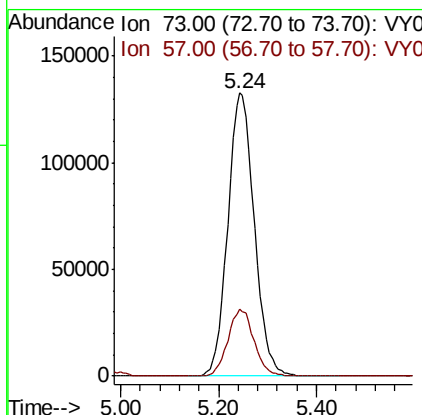
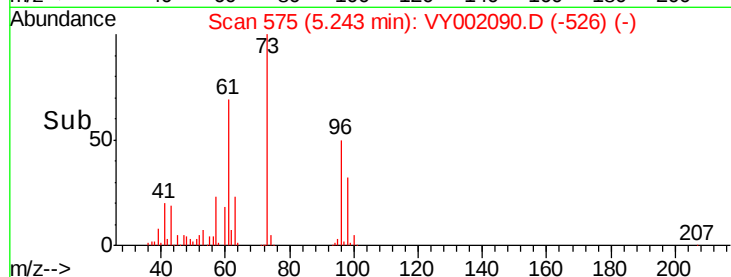
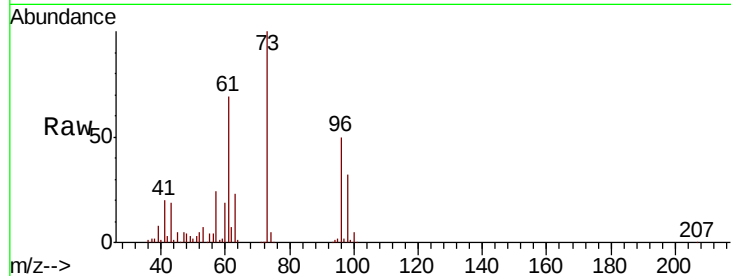




#19
Methyl tert-butyl Ether
Concen: 102.797 ug/l
RT: 5.24 min Scan# 575
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

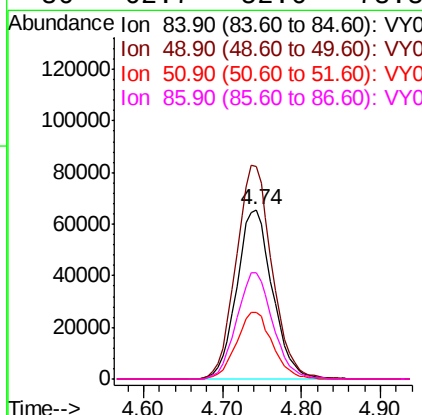
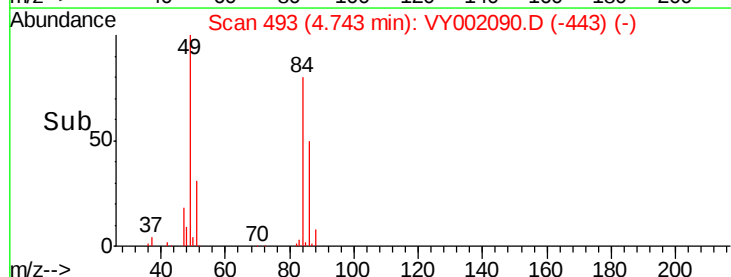
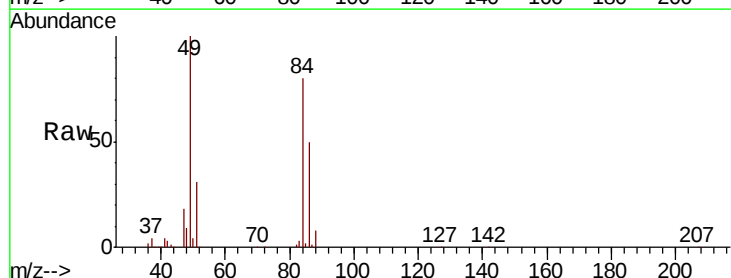
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

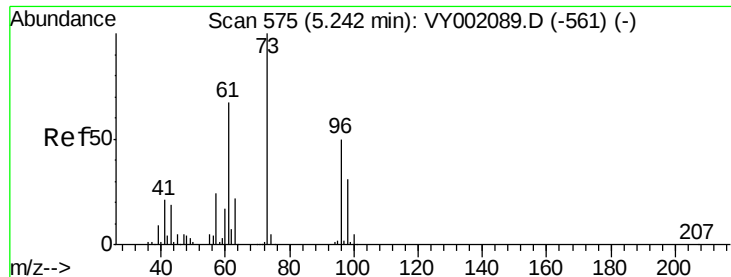
Tot Ion: 73 Resp: 496539
Ion Ratio Lower Upper
73 100
57 23.7 19.0 28.6



#20
Methylene Chloride
Concen: 96.538 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 84 Resp: 206360
Ion Ratio Lower Upper
84 100
49 125.3 102.2 153.4
51 38.9 31.2 46.8
86 62.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 102.077 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

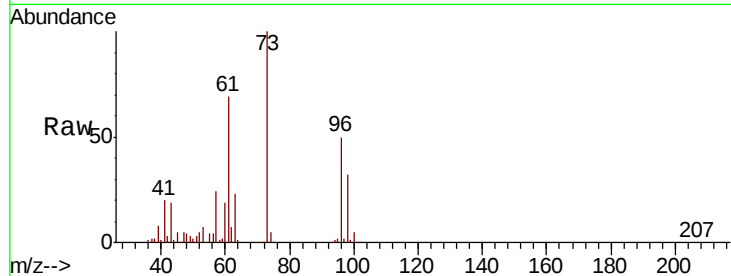
Tot Ion: 96 Resp: 206172

Ion Ratio Lower Upper

96 100

61 140.0 107.7 161.5

98 64.1 50.5 75.7

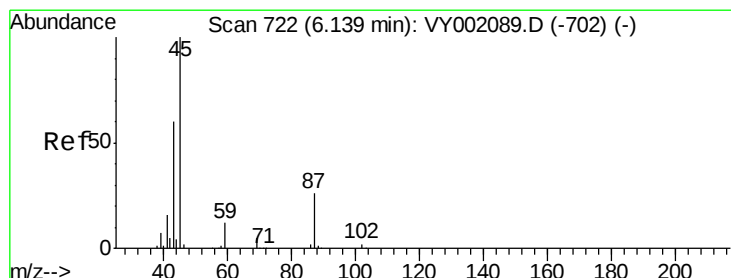
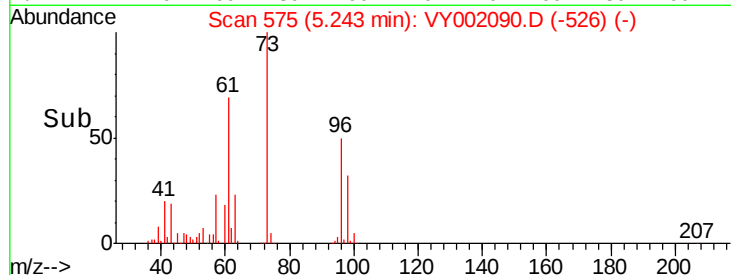
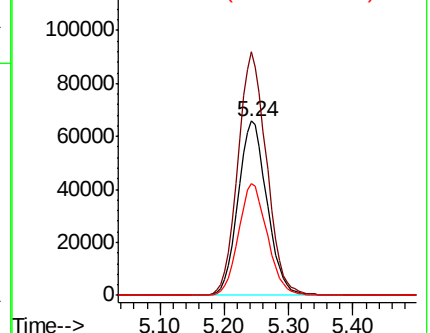


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 102.430 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion: 45 Resp: 666688

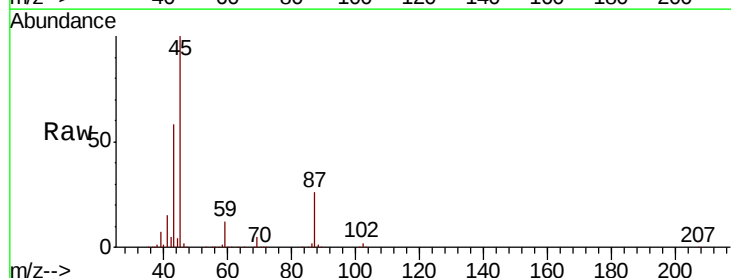
Ion Ratio Lower Upper

45 100

43 57.6 48.1 72.1

87 26.0 21.1 31.7

59 11.6 9.2 13.8



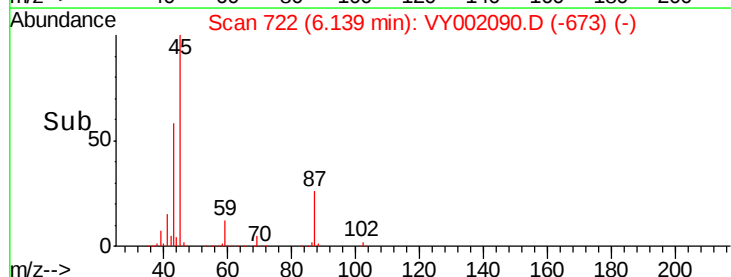
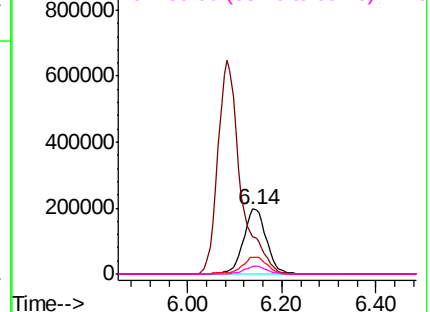
Abundance

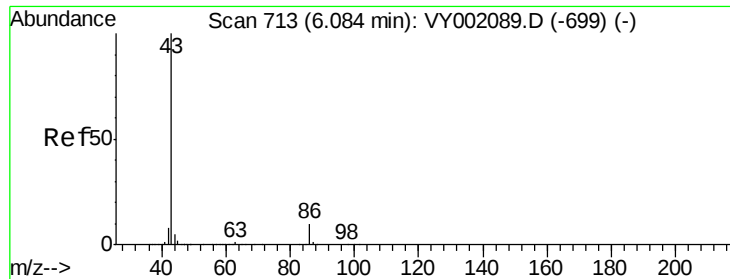
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 509.561 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

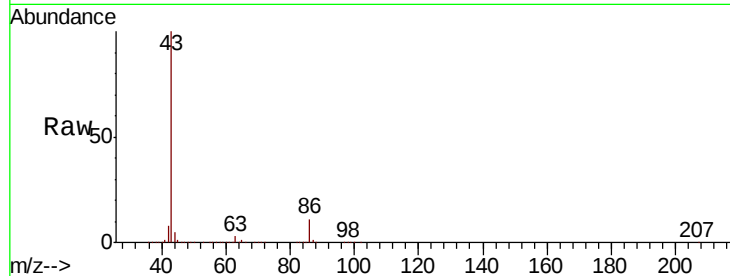
VSTDIC100

Tot Ion: 43 Resp: 2168415

Ion Ratio Lower Upper

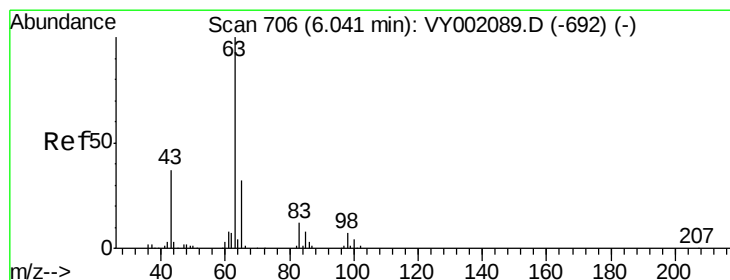
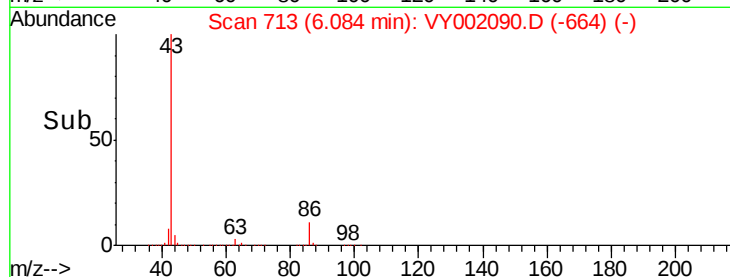
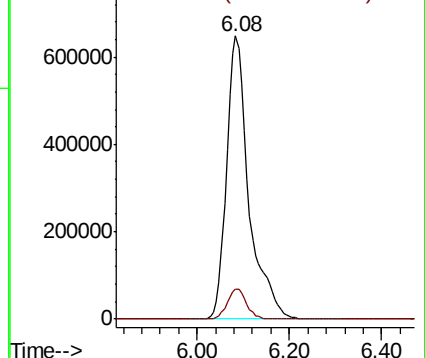
43 100

86 10.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 102.323 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

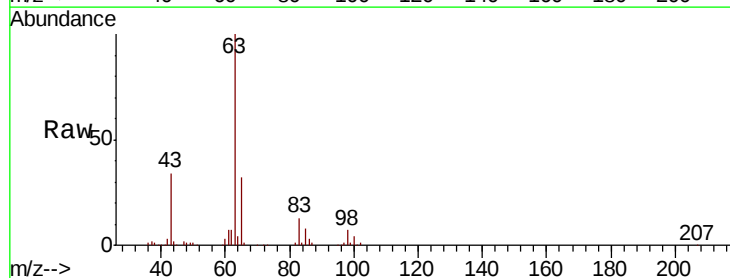
Tgt Ion: 63 Resp: 359438

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

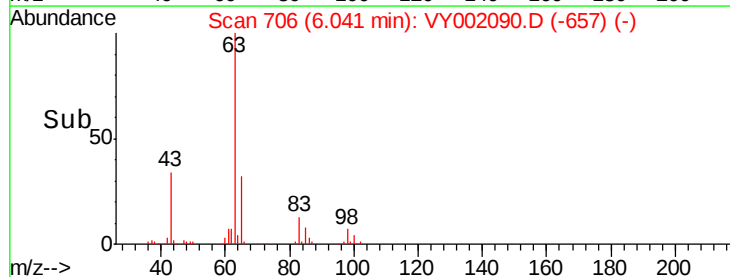
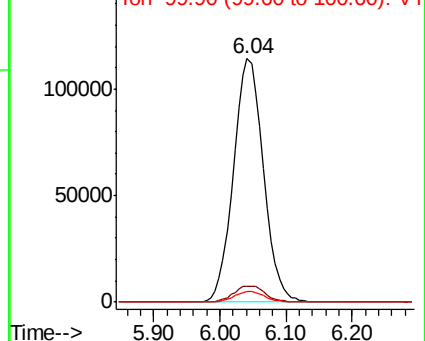
100 4.5 1.8 5.5

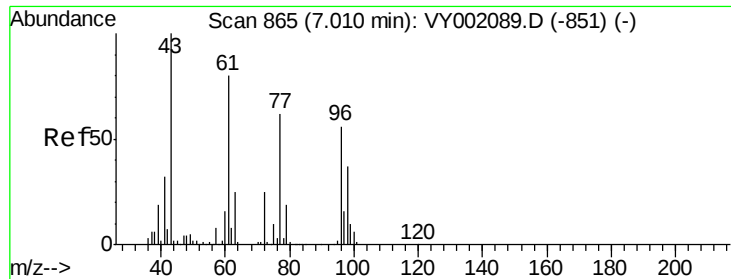


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

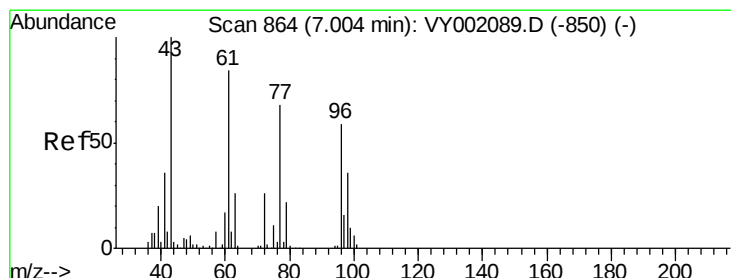
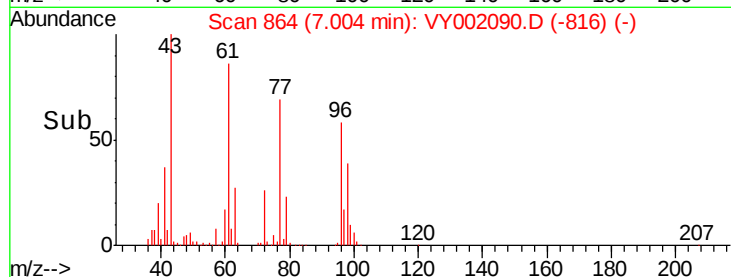
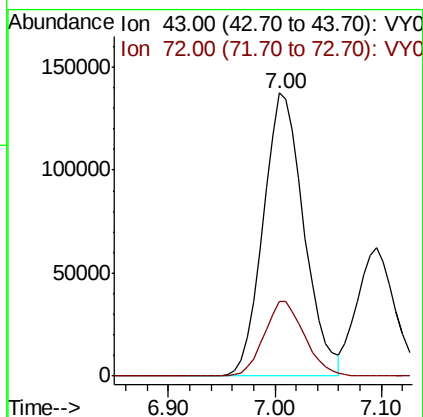
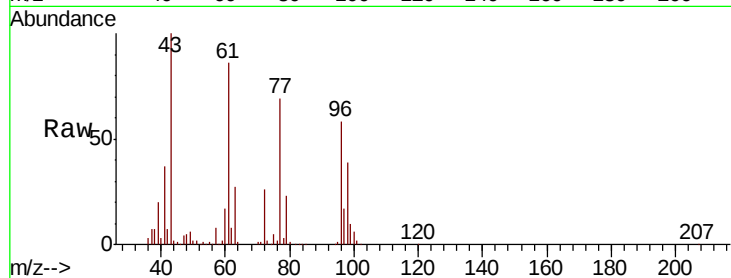




#25
 2-Butanone
 Concen: 484.416 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

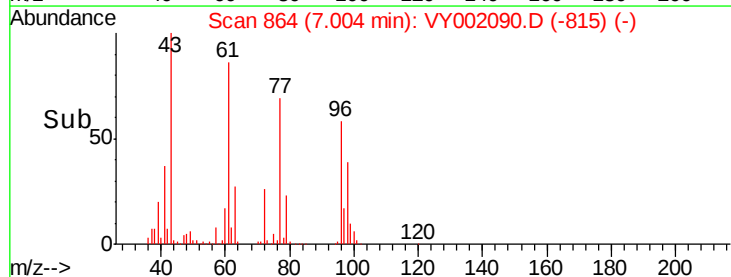
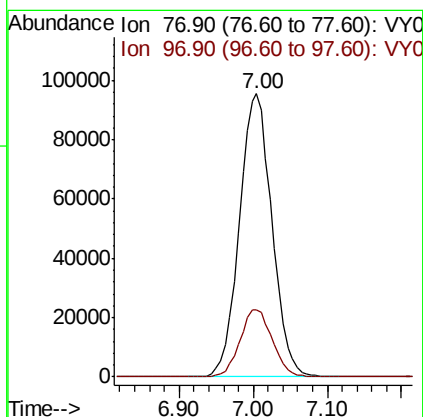
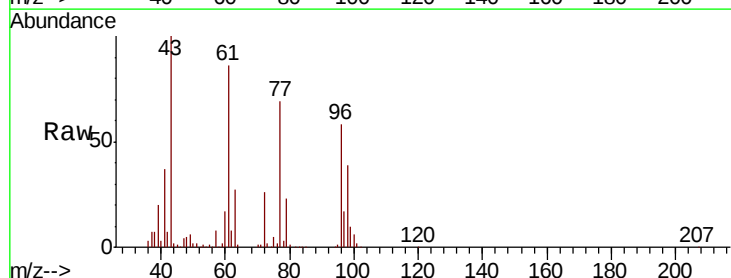
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

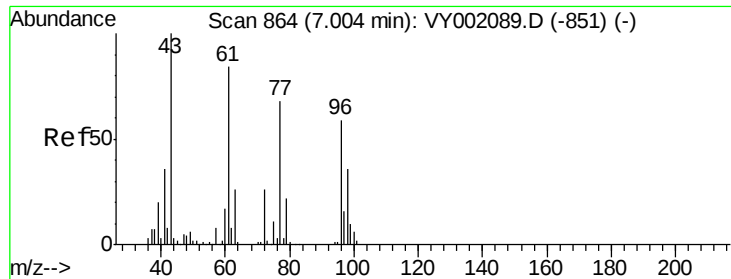
Tot Ion: 43 Resp: 366215
 Ion Ratio Lower Upper
 43 100
 72 26.3 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 101.063 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 77 Resp: 292027
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.7 35.1



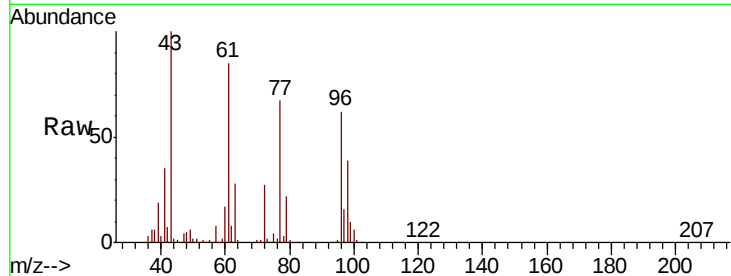


#27

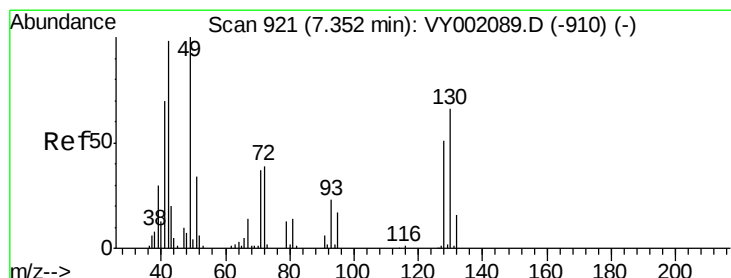
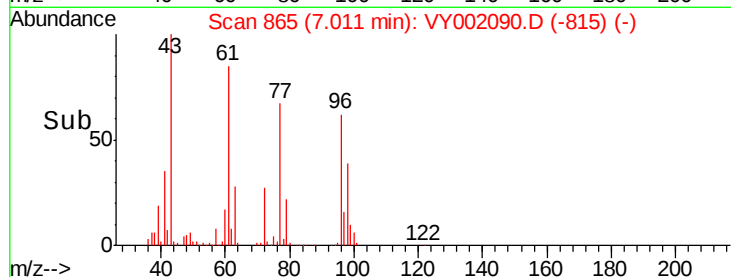
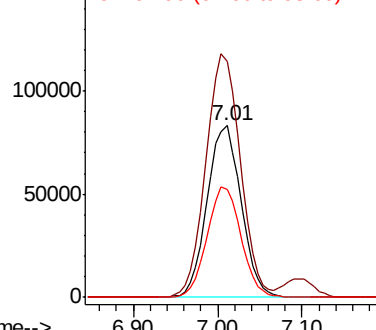
cis-1,2-Dichloroethene
 Concen: 103.447 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 96 Resp: 227524
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 290.6
 98 64.0 0.0 128.0



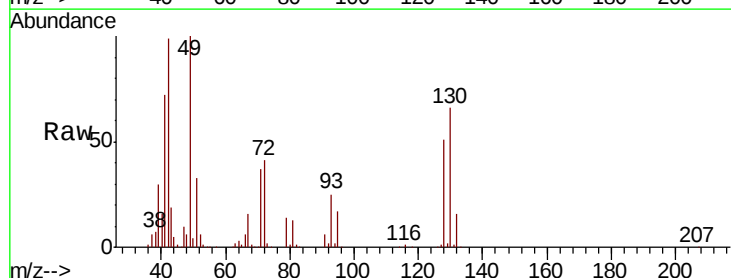
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



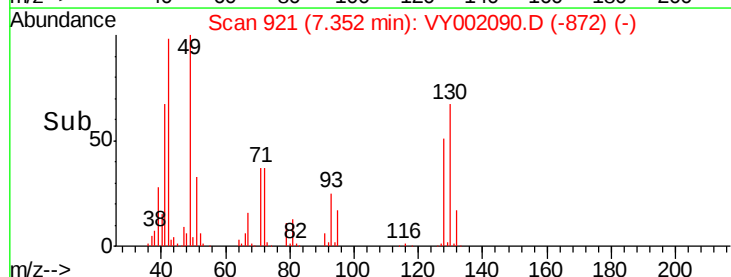
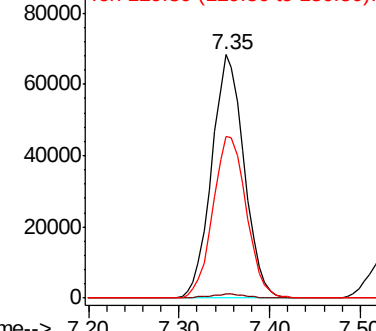
#28

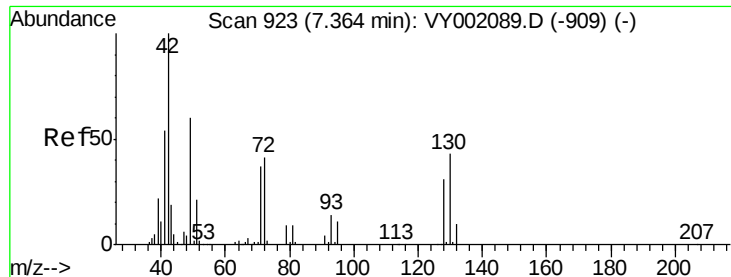
Bromochloromethane
 Concen: 105.300 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 49 Resp: 168836
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 68.7 54.1 81.1



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

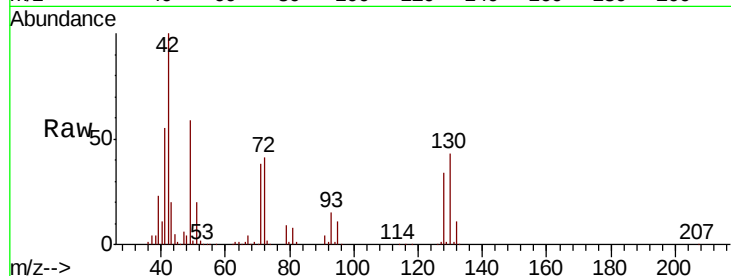




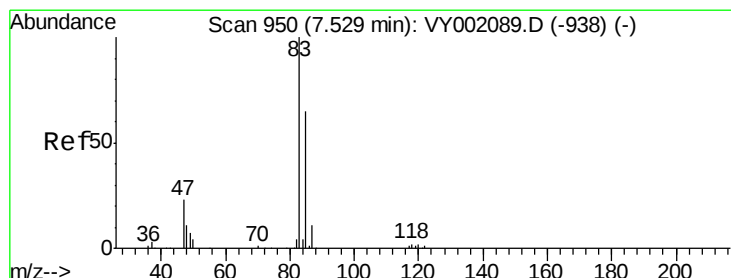
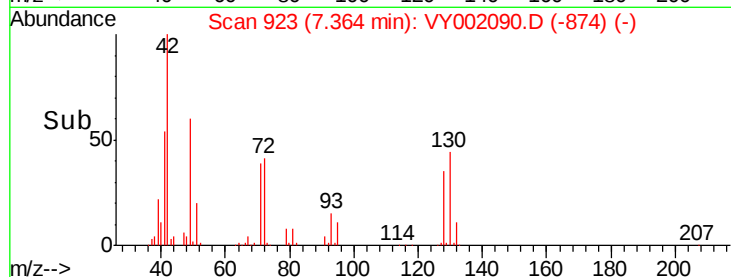
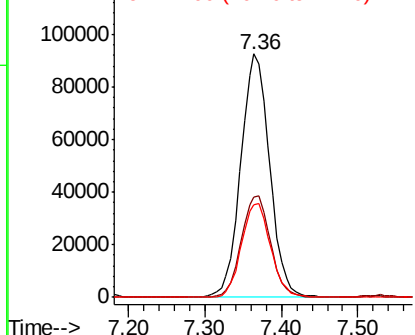
#29
Tetrahydrofuran
Concen: 483.059 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 243073
Ion Ratio Lower Upper
42 100
72 42.1 33.0 49.4
71 39.0 31.2 46.8

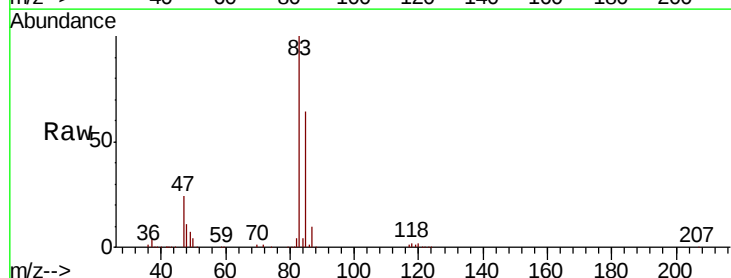


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

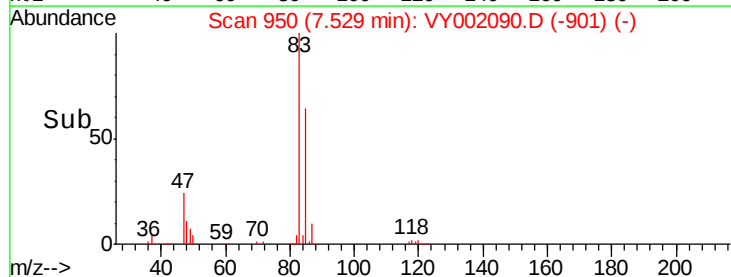
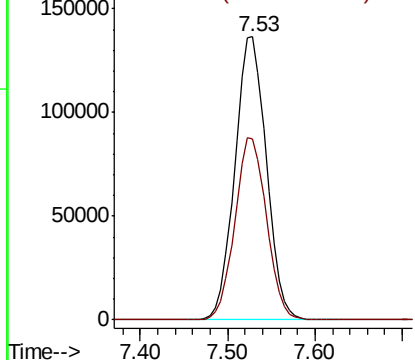


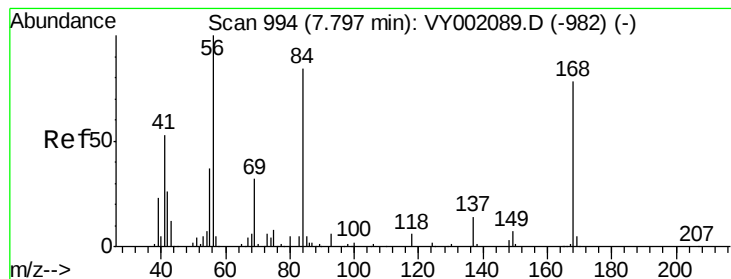
#30
Chloroform
Concen: 103.670 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 83 Resp: 341973
Ion Ratio Lower Upper
83 100
85 63.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 95.844 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

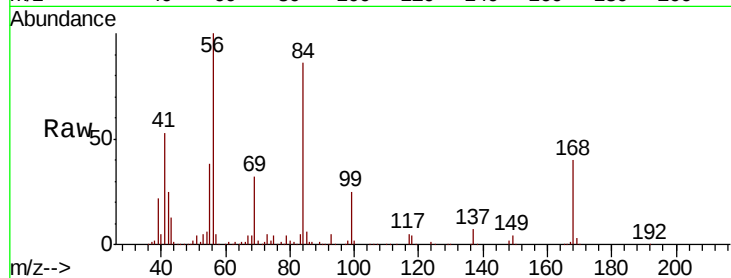
Tot Ion: 56 Resp: 359967

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

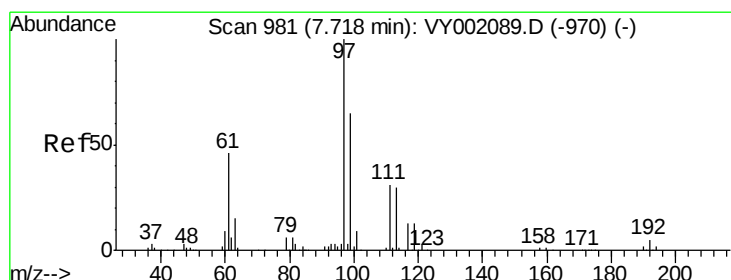
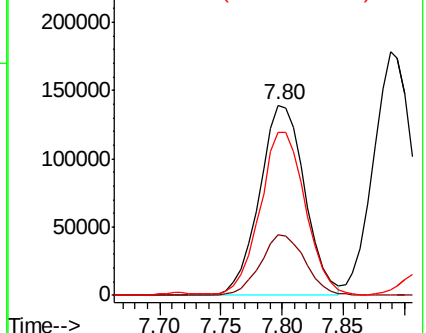
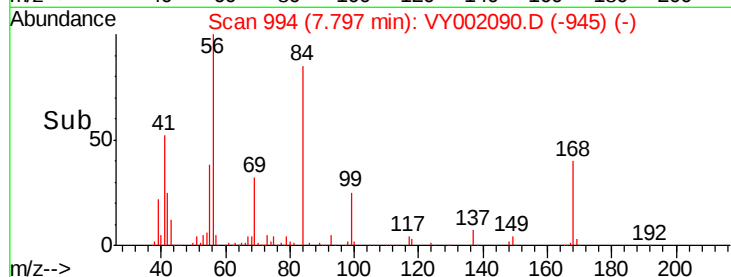
84 84.8 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VY002090.D (-945) (-)

Ion 69.00 (68.70 to 69.70): VY002090.D (-945) (-)

Ion 84.00 (83.70 to 84.70): VY002090.D (-945) (-)



#32

1,1,1-Trichloroethane

Concen: 104.033 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

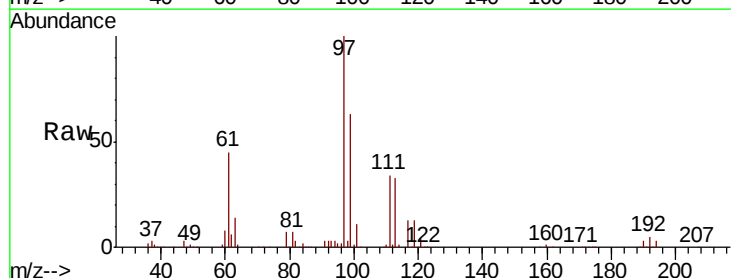
Tgt Ion: 97 Resp: 288826

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

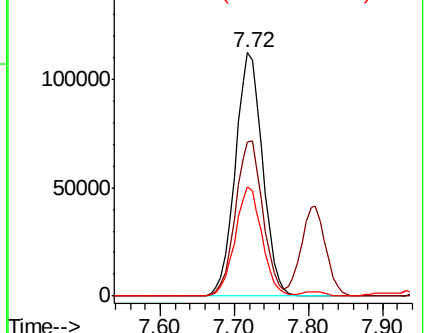
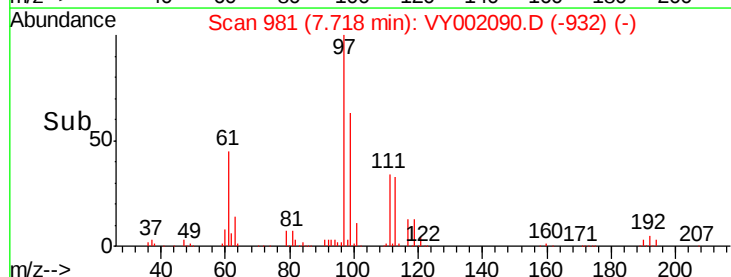
61 44.2 35.7 53.5

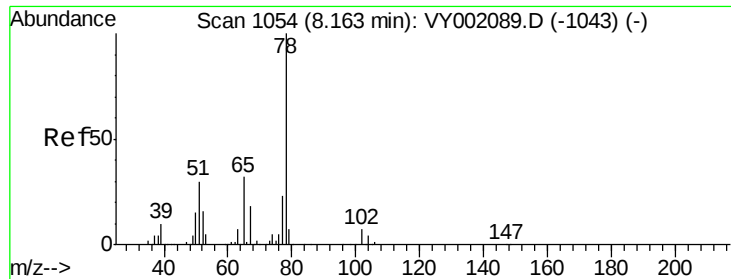


Abundance Ion 96.90 (96.60 to 97.60): VY002090.D (-932) (-)

Ion 98.90 (98.60 to 99.60): VY002090.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VY002090.D (-932) (-)





#33

1,2-Dichloroethane-d4

Concen: 107.268 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

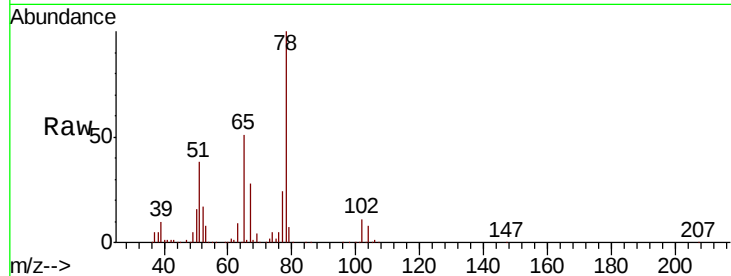
VSTDIC100

Tot Ion: 65 Resp: 186371

Ion Ratio Lower Upper

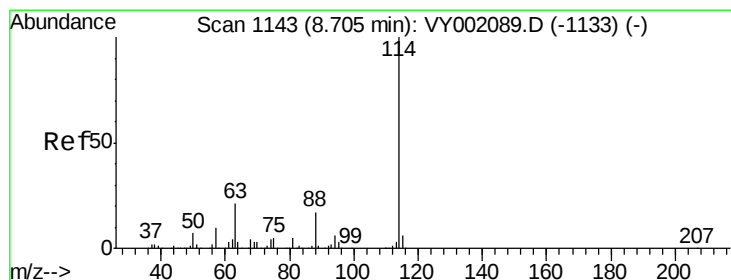
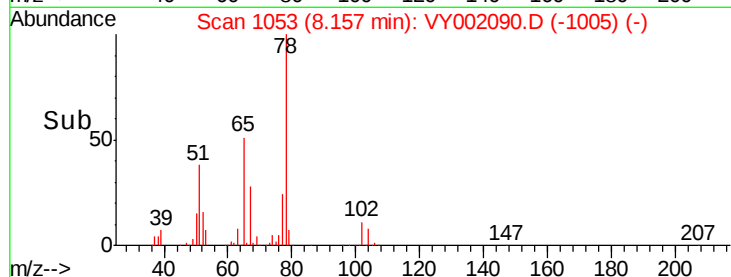
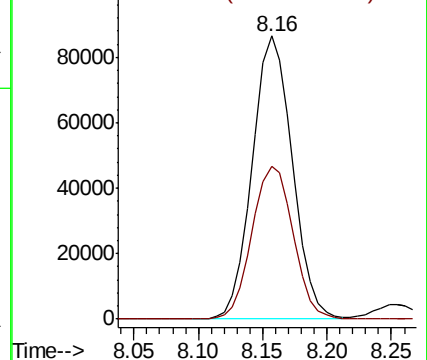
65 100

67 55.5 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002090.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002090.D (-1043) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

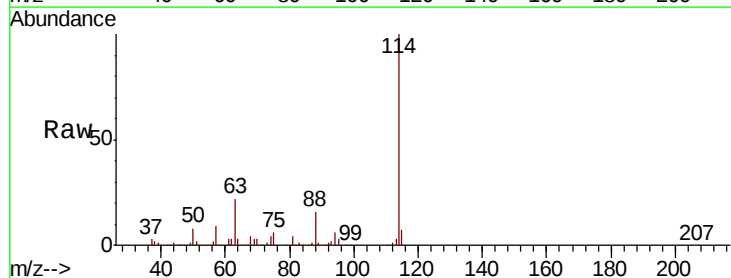
Tgt Ion: 114 Resp: 297325

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

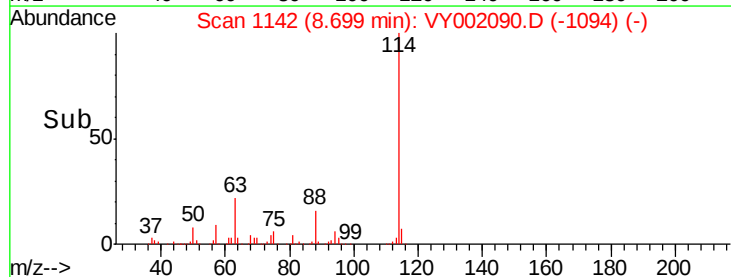
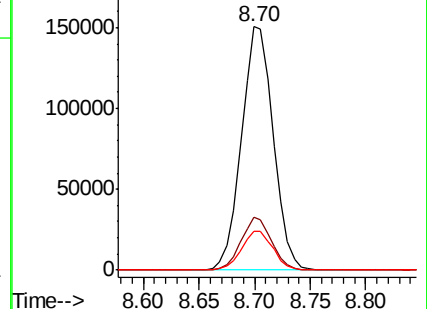
88 15.7 0.0 33.0

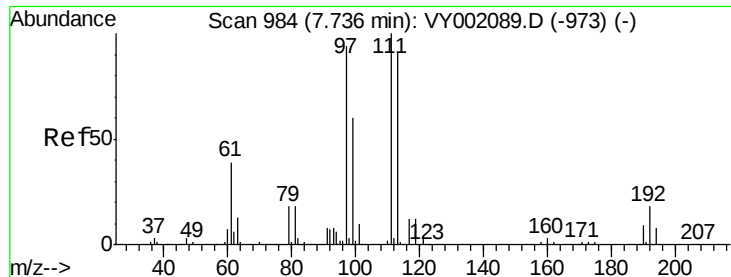


Abundance Ion 113.90 (113.60 to 114.60): VY002090.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002090.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002090.D (-1094) (-)

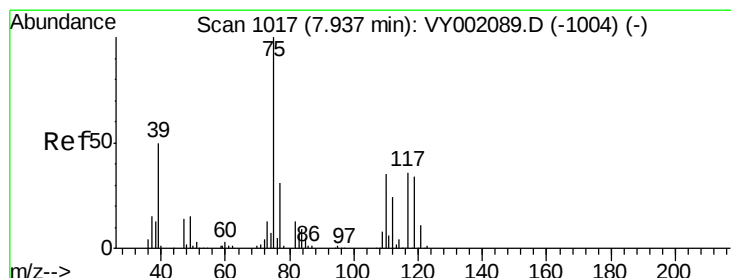
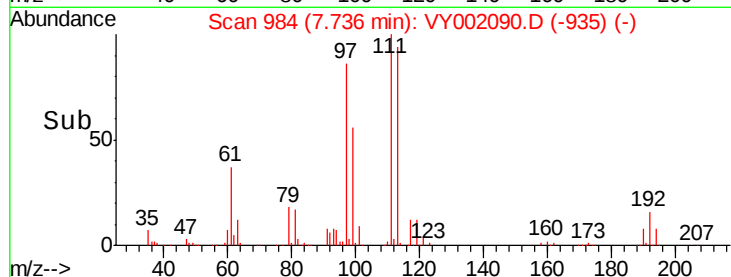
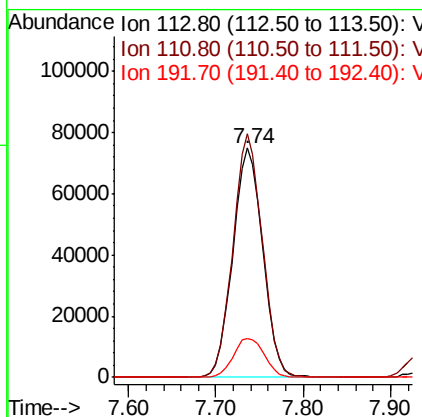
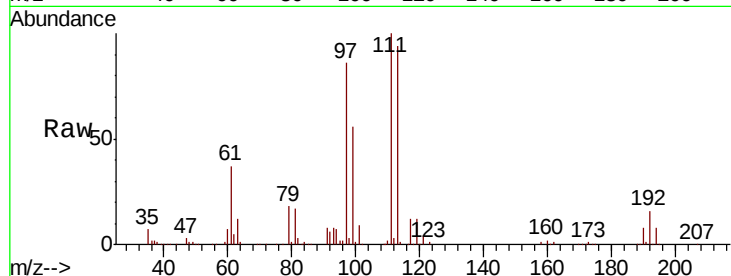




#35
 Dibromofluoromethane
 Concen: 109.157 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

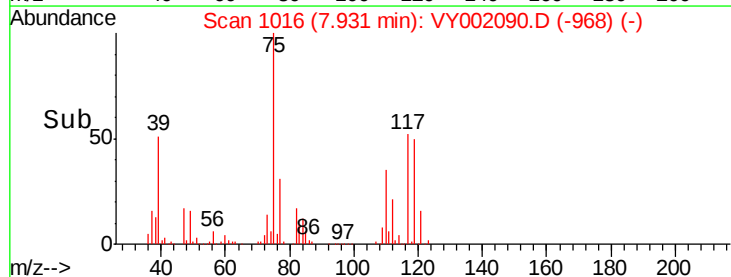
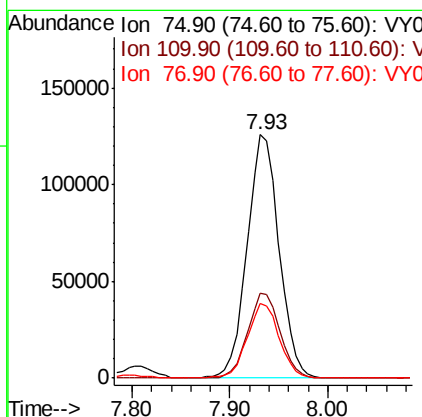
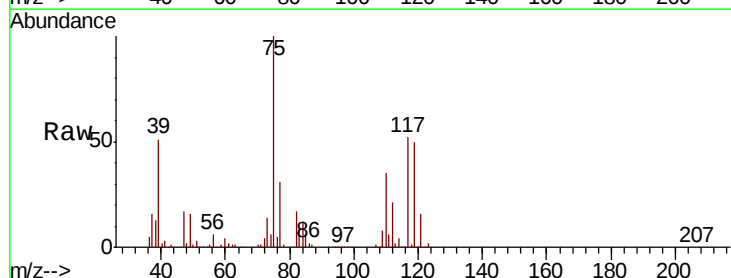
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

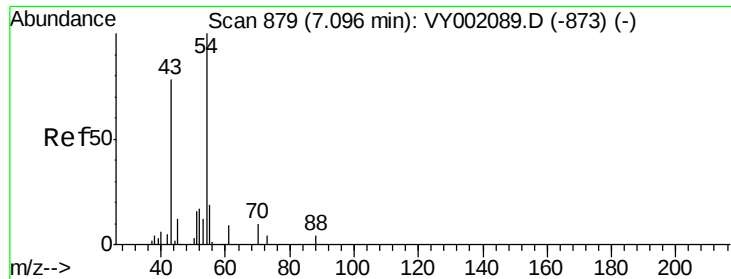
Tot Ion:113 Resp: 178233
 Ion Ratio Lower Upper
 113 100
 111 104.2 84.4 126.6
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 100.438 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 75 Resp: 284924
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.2 51.6
 77 31.0 24.7 37.1

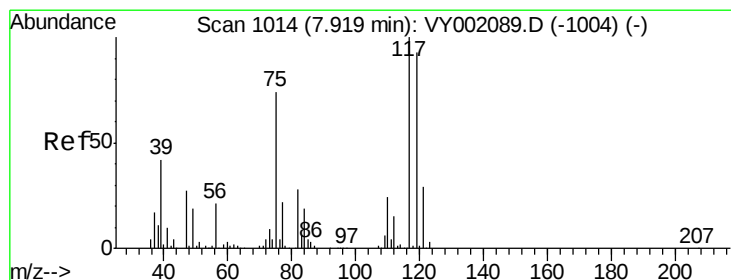
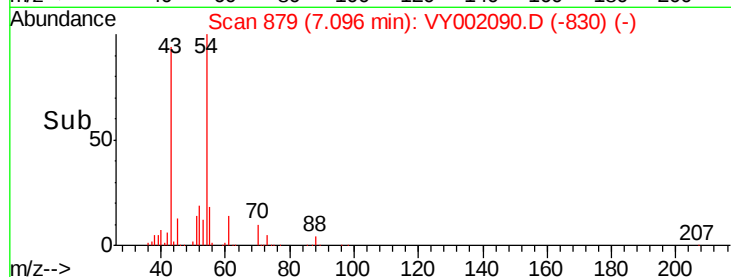
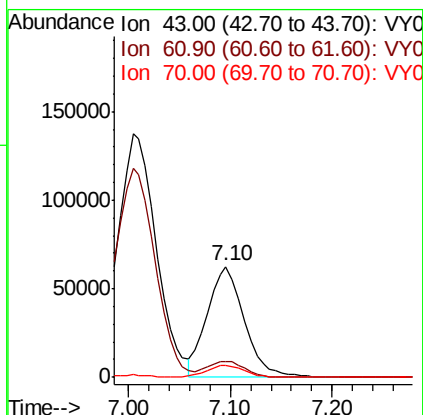
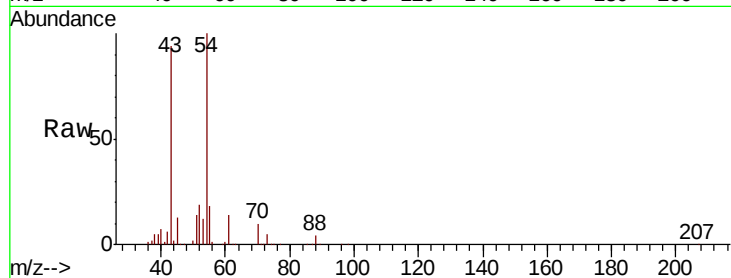




#37
Ethyl Acetate
Concen: 96.402 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

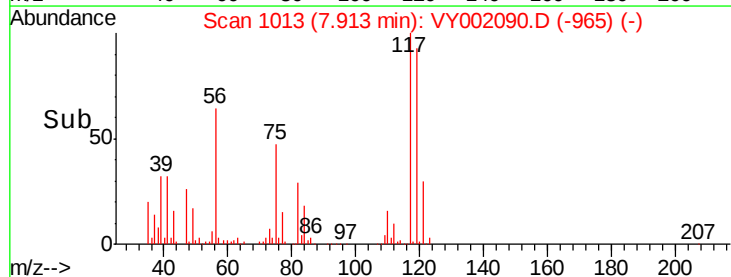
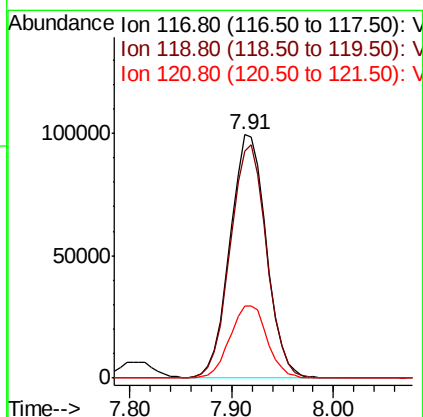
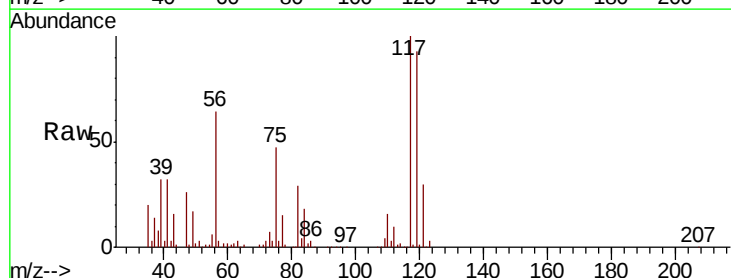
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

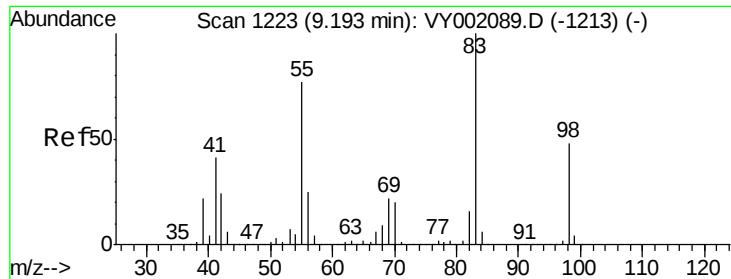
Tot Ion: 43 Resp: 158504
Ion Ratio Lower Upper
43 100
61 14.7 11.2 16.8
70 10.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 100.959 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 117 Resp: 245342
Ion Ratio Lower Upper
117 100
119 93.5 74.3 111.5
121 29.7 23.3 34.9

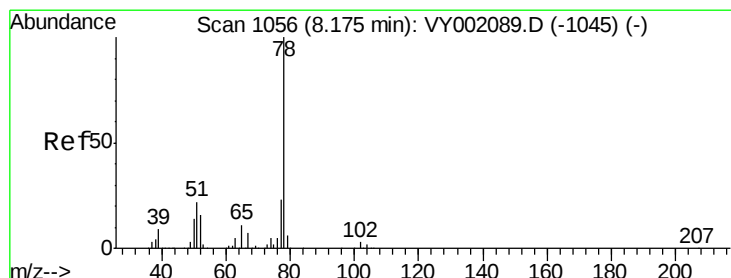
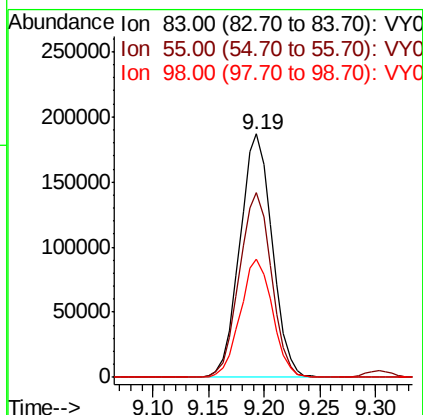
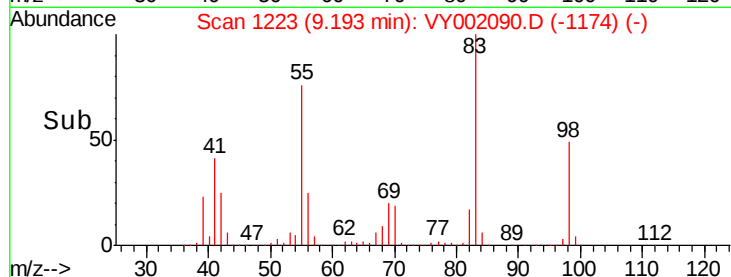
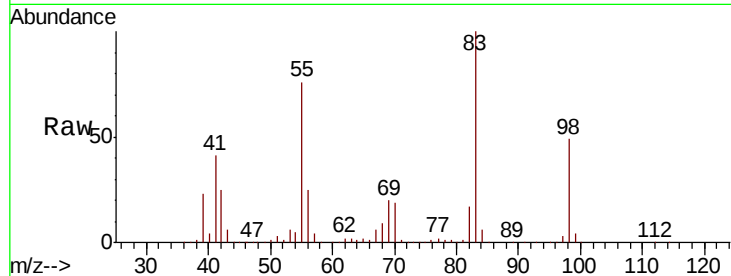




#39
Methvlcvclohexane
Concen: 99.847 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

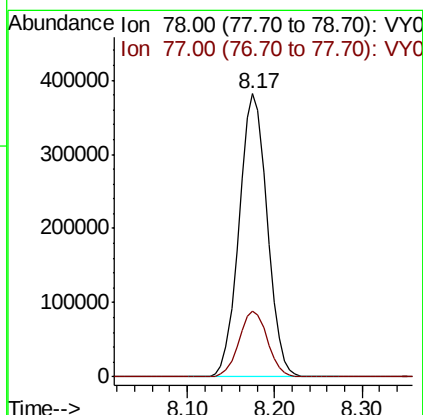
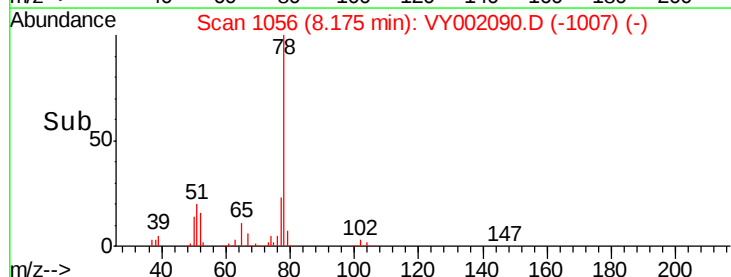
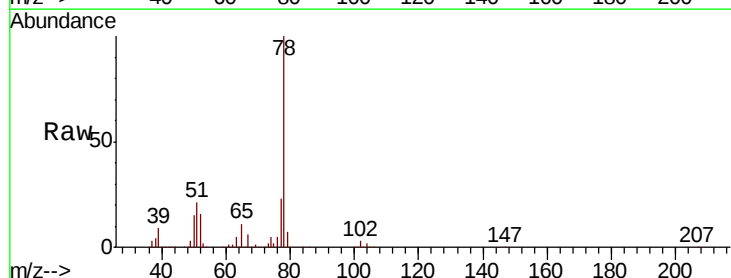
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

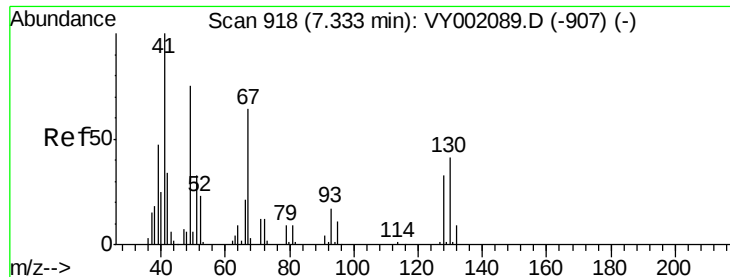
Tot Ion: 83 Resp: 376325
Ion Ratio Lower Upper
83 100
55 75.8 61.2 91.8
98 48.5 38.2 57.2



#40
Benzene
Concen: 100.924 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 78 Resp: 849911
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4

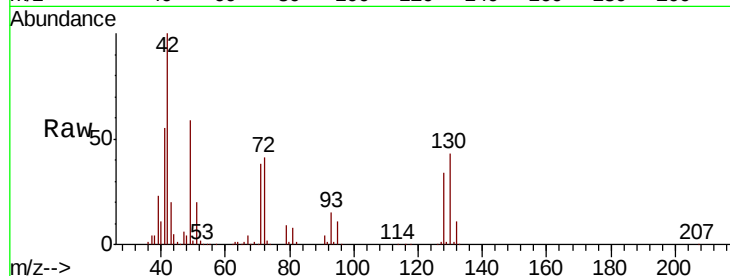




#41
Methacrylonitrile
Concen: 281.369 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	215530
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



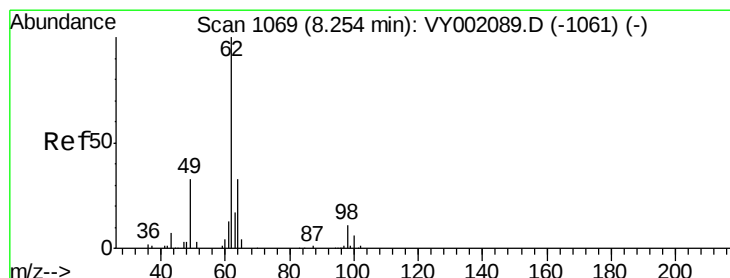
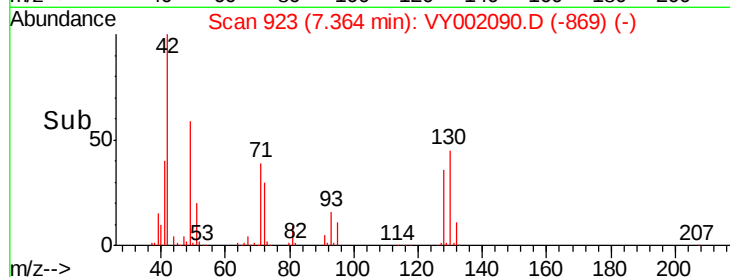
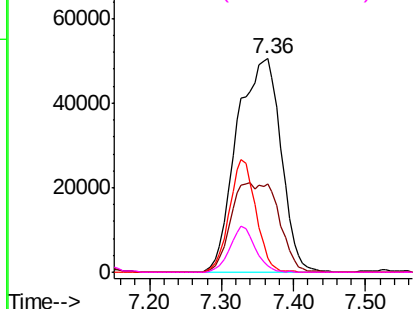
Abundance

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

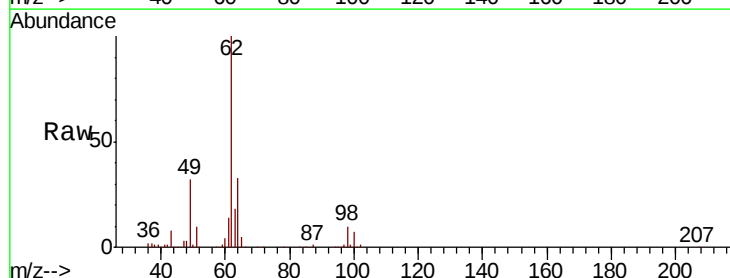
Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42
1,2-Dichloroethane
Concen: 100.613 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

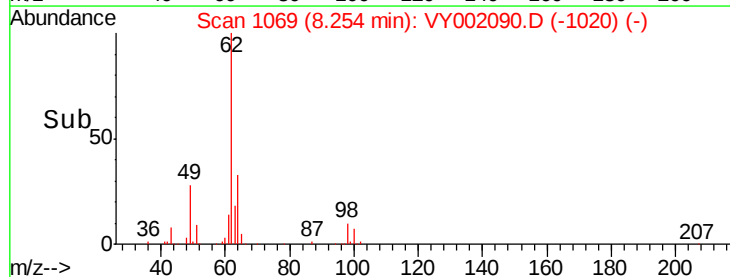
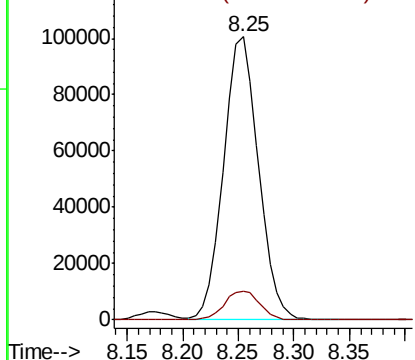
Tgt Ion:	62	Resp:	218604
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.2

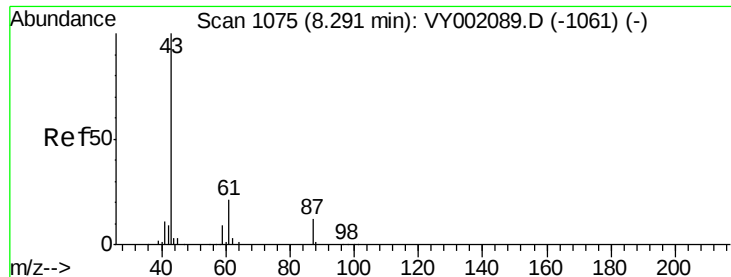


Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



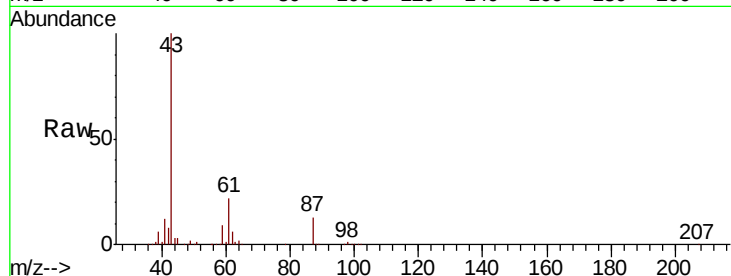


#43

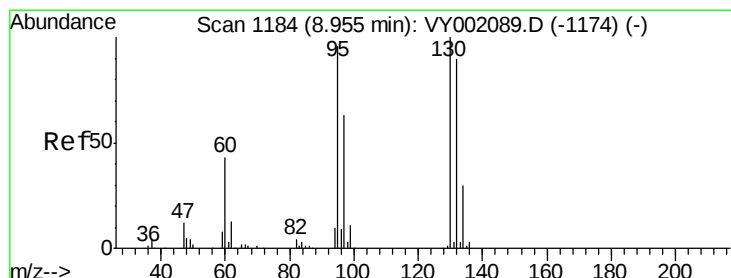
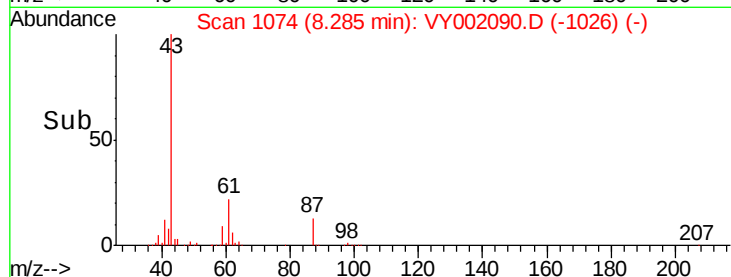
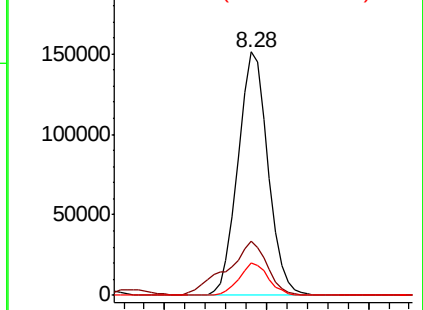
Isopropyl Acetate
 Concen: 98.867 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	43	Resp	308954
Ion Ratio	Lower	Upper	
43	100		
61	29.9	23.4	35.2
87	13.0	10.2	15.4



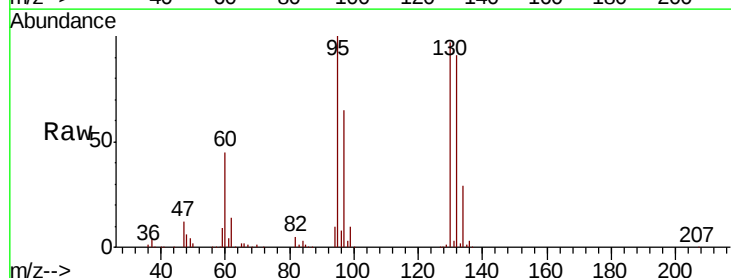
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



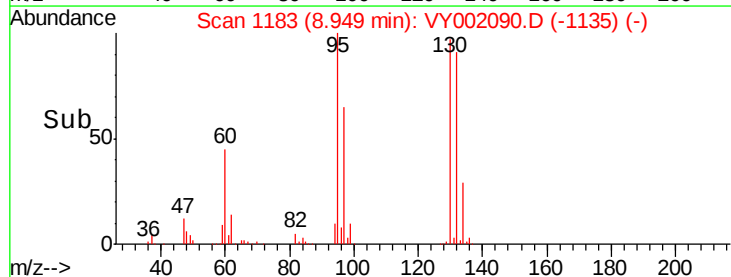
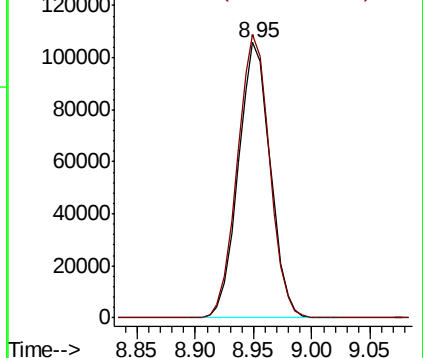
#44

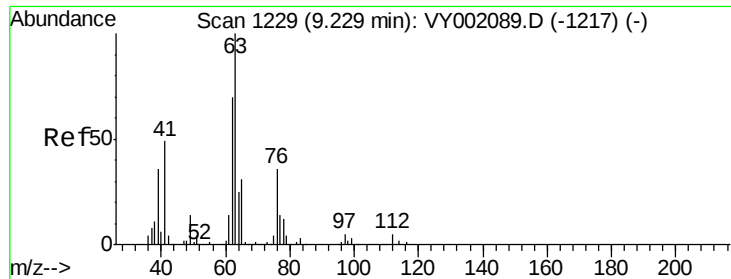
Trichloroethene
 Concen: 98.885 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion	130	Resp	203044
Ion Ratio	Lower	Upper	
130	100		
95	102.7	0.0	193.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 102.579 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

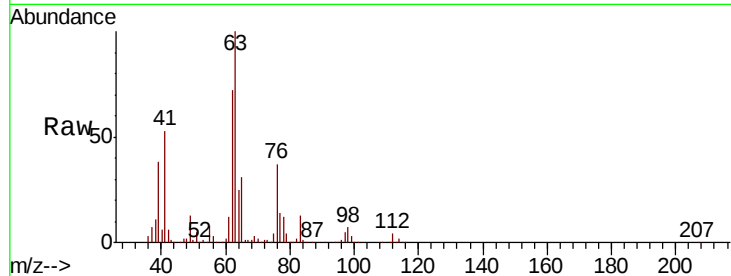
VSTDIC100

Tot Ion: 63 Resp: 217631

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

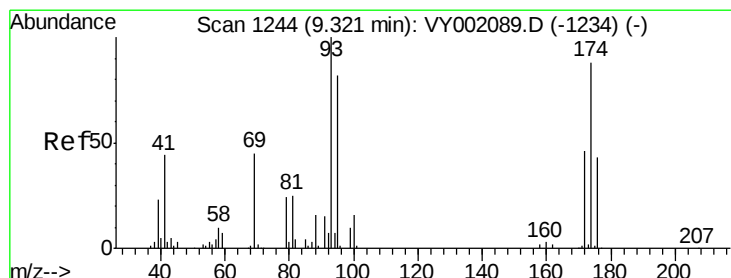
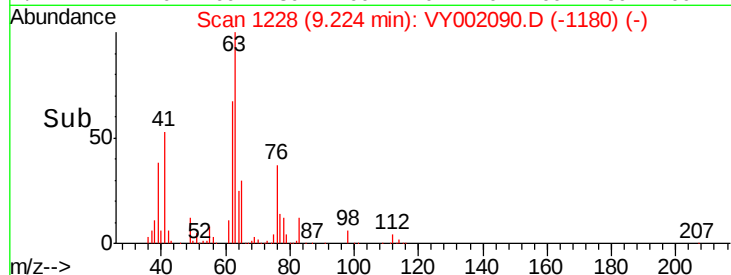
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 101.599 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

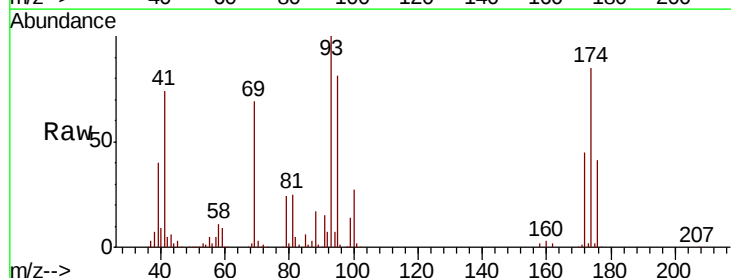
Tgt Ion: 93 Resp: 111075

Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

174 86.7 69.8 104.8



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

80000

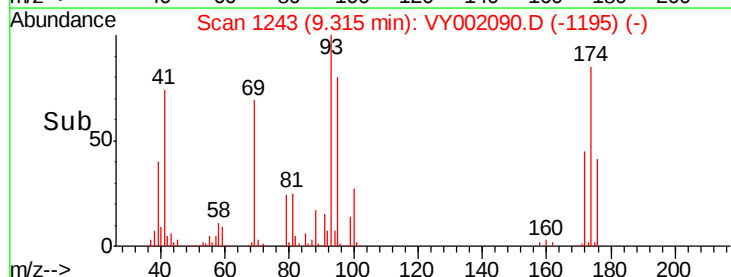
60000

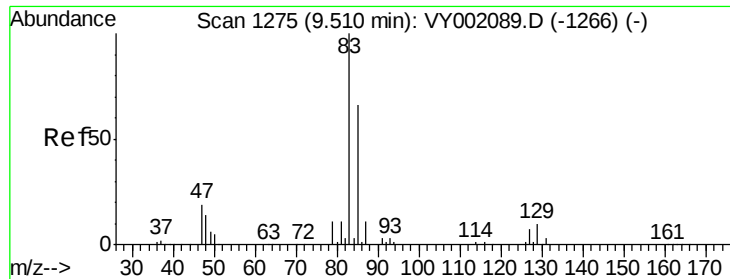
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 105.580 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

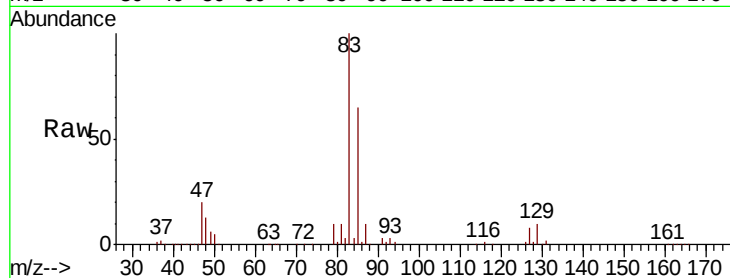
Tot Ion: 83 Resp: 268809

Ion Ratio Lower Upper

83 100

85 64.6 52.6 79.0

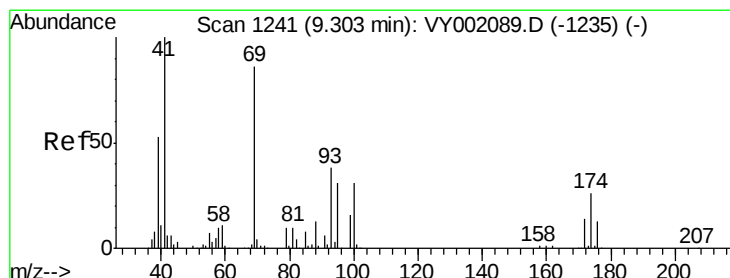
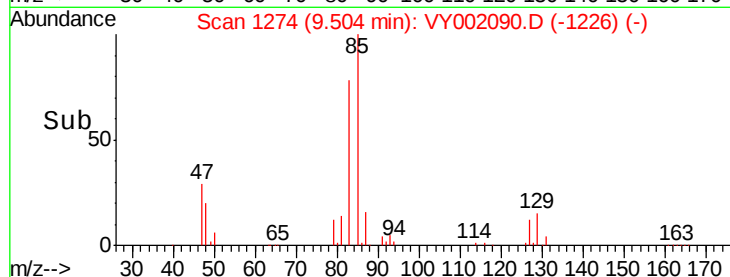
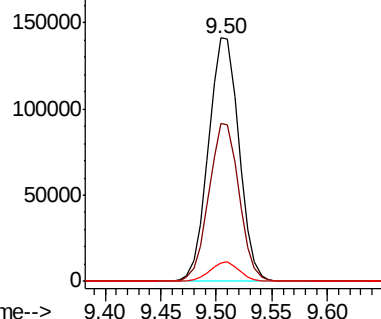
127 7.5 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY002089.D (-1266) (-)

Ion 84.90 (84.60 to 85.60): VY002089.D (-1266) (-)

Ion 126.80 (126.50 to 127.50): VY002089.D (-1266) (-)



#48

Methyl methacrylate

Concen: 101.345 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

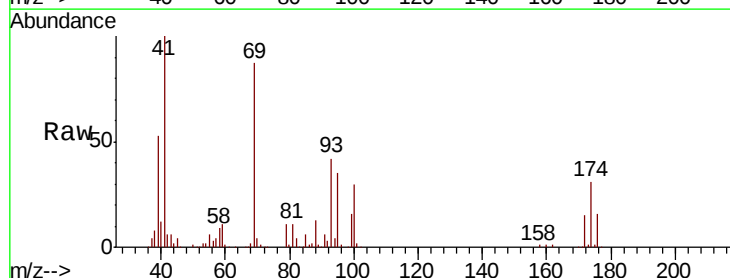
Tgt Ion: 41 Resp: 139496

Ion Ratio Lower Upper

41 100

69 89.9 71.4 107.0

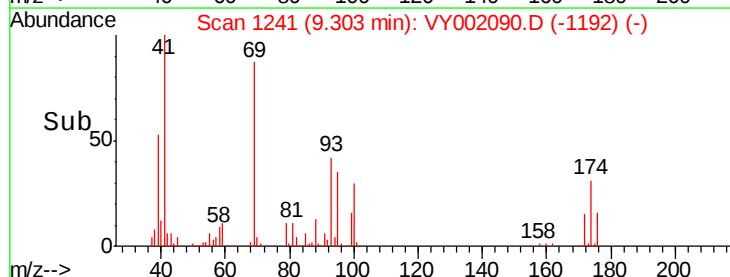
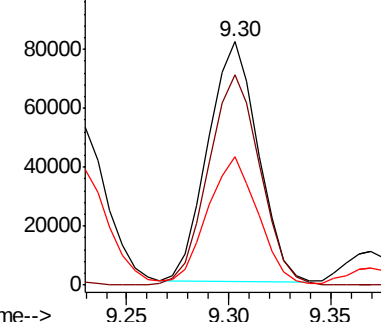
39 53.9 41.0 61.4

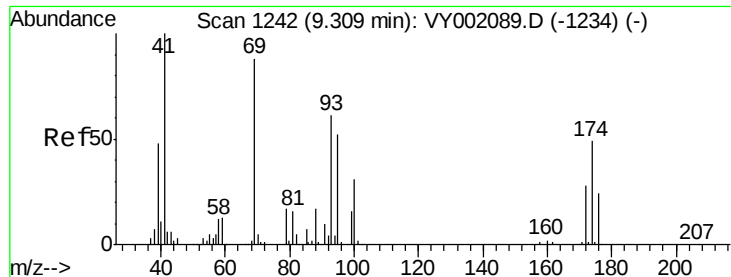


Abundance Ion 41.00 (40.70 to 41.70): VY002089.D (-1235) (-)

Ion 69.00 (68.70 to 69.70): VY002089.D (-1235) (-)

Ion 39.00 (38.70 to 39.70): VY002089.D (-1235) (-)

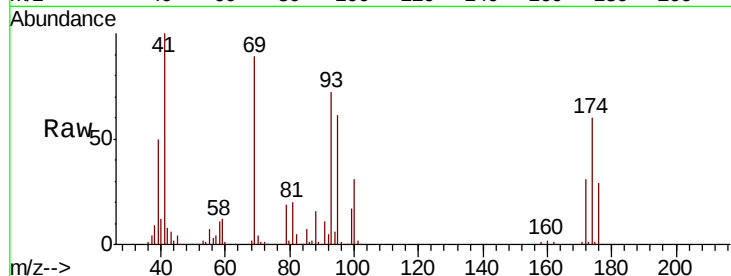




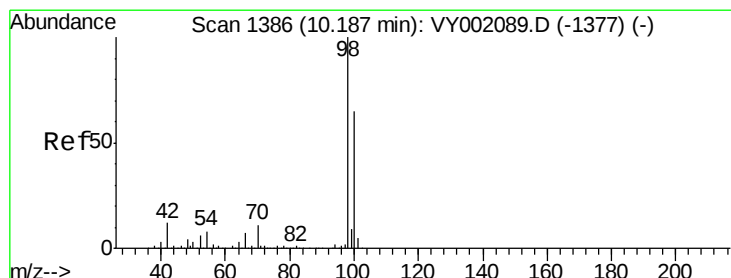
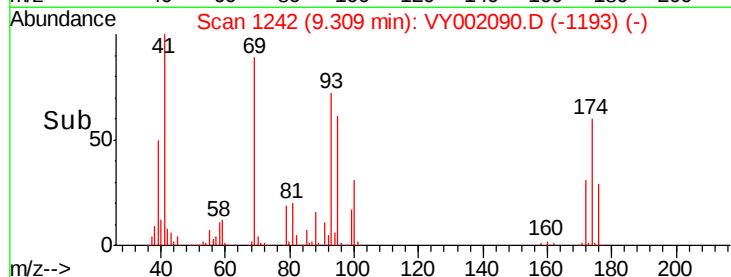
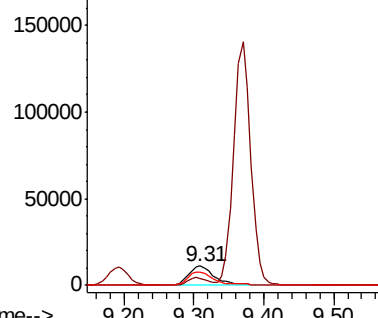
#49
1,4-Dioxane
Concen: 1973.639 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 29448
Ion Ratio Lower Upper
88 100
43 31.6 27.2 40.8
58 72.4 59.8 89.8

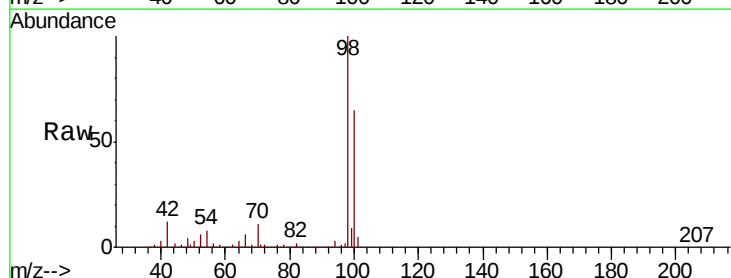


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

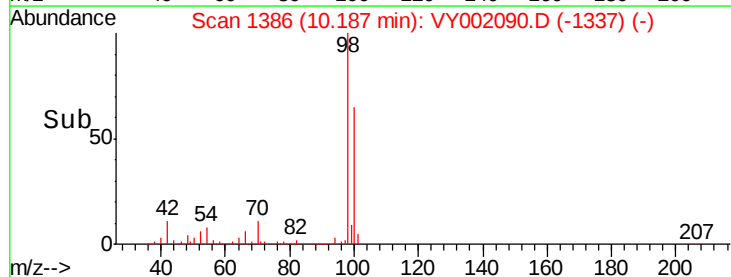
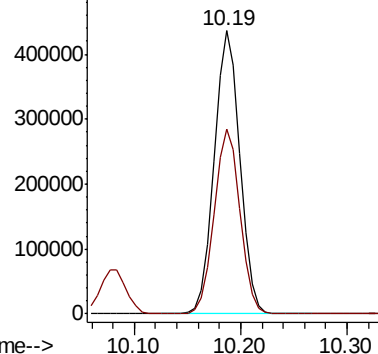


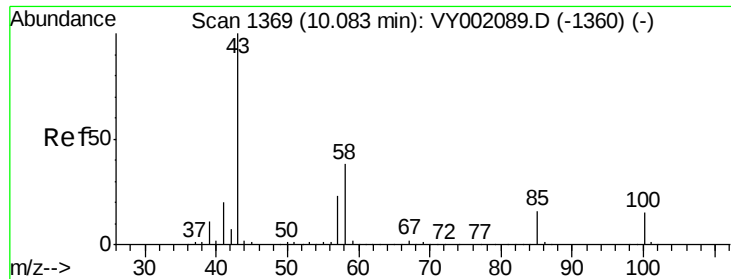
#50
Toluene-d8
Concen: 106.805 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 98 Resp: 735981
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

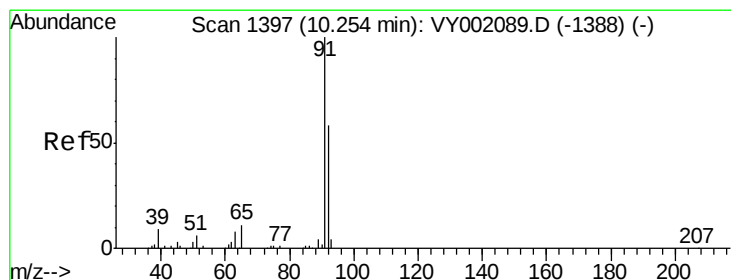
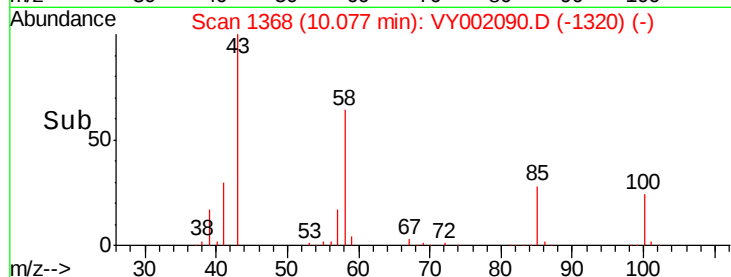
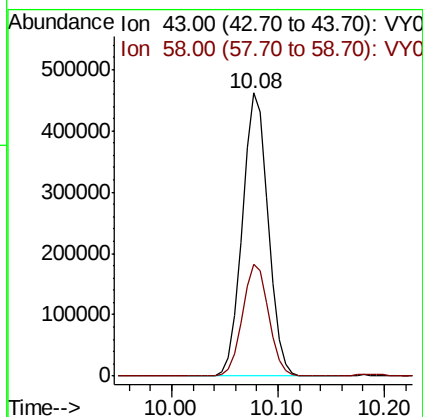
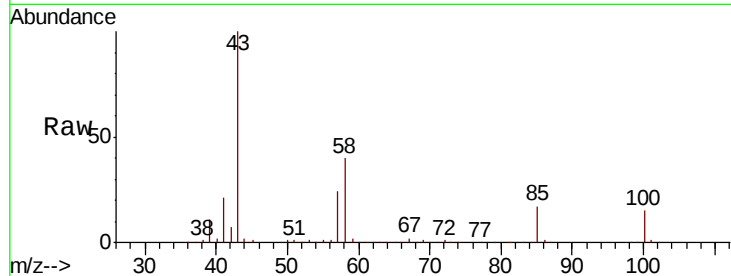




#51
4-Methyl-2-Pentanone
Concen: 488.222 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

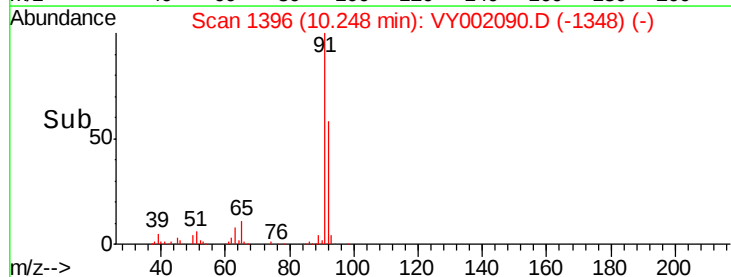
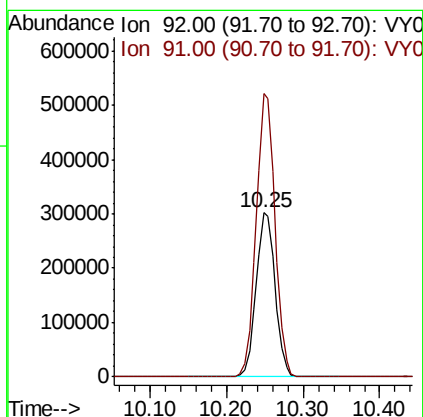
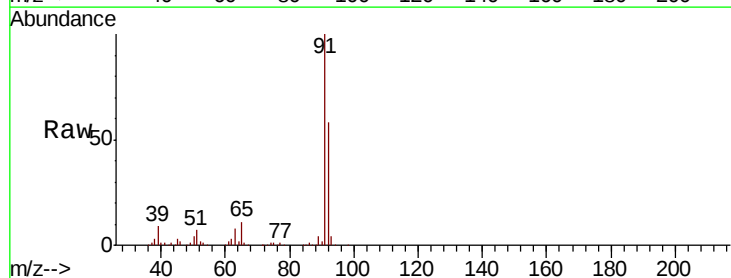
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

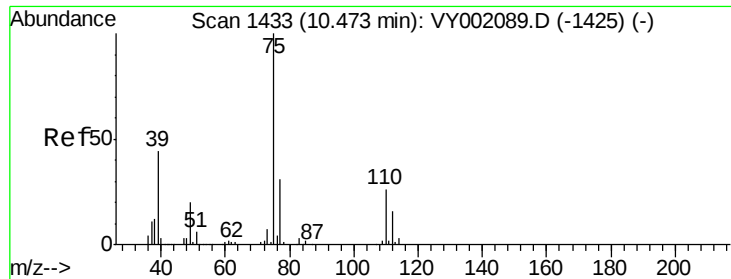
Tot Ion: 43 Resp: 785409
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4



#52
Toluene
Concen: 102.742 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 92 Resp: 525290
Ion Ratio Lower Upper
92 100
91 171.0 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 107.524 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

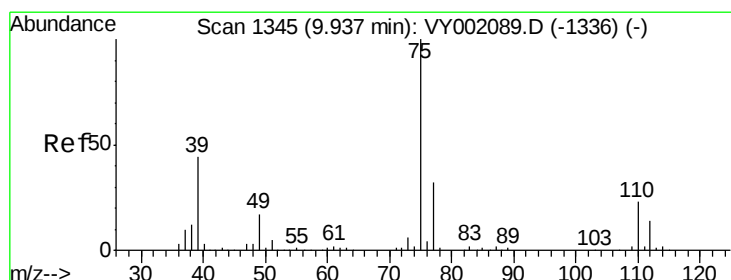
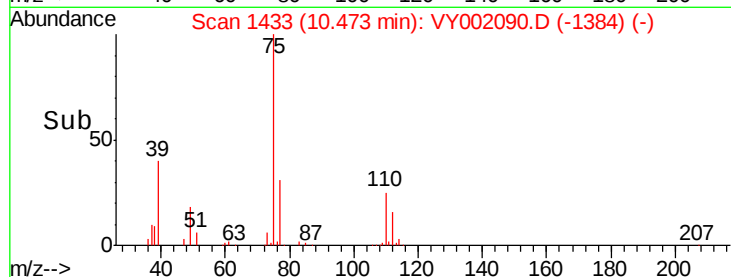
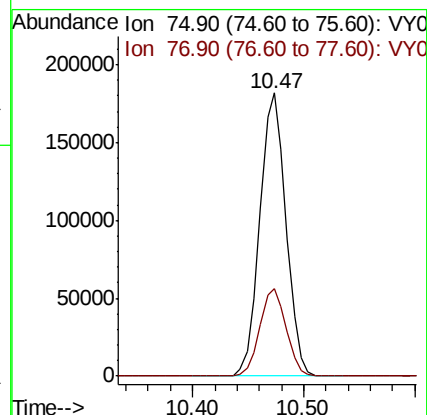
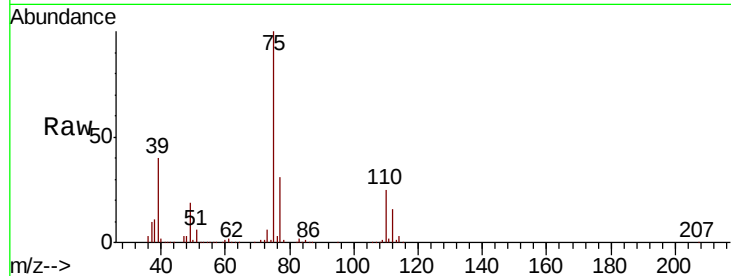
VSTDIC100

Tot Ion: 75 Resp: 297973

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 105.109 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

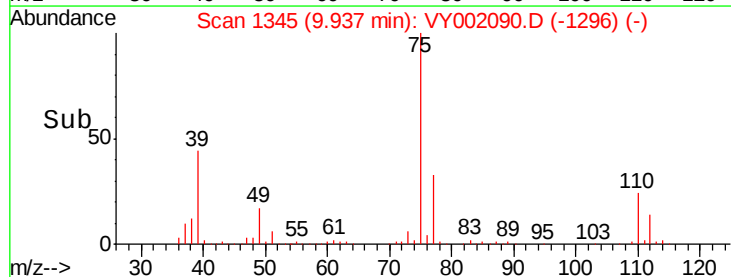
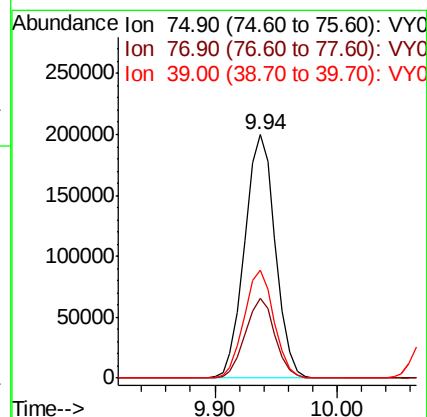
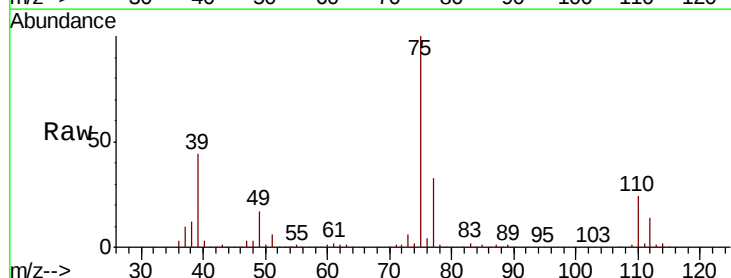
Tgt Ion: 75 Resp: 346758

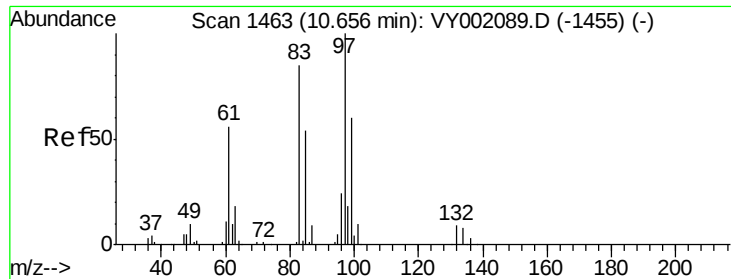
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 44.4 35.2 52.8

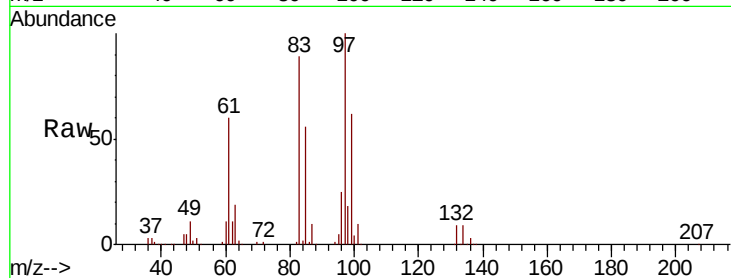




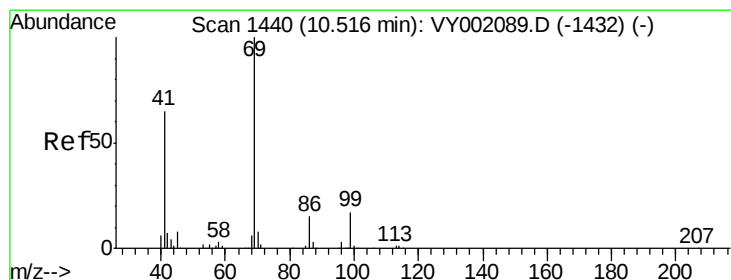
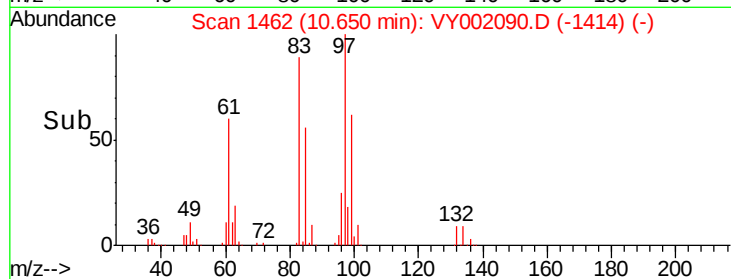
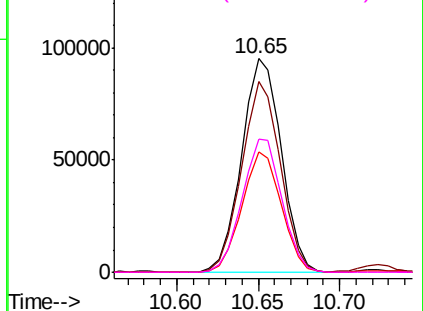
#55
 1,1,2-Trichloroethane
 Concen: 100.730 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	161468
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.2	102.2
85	56.3	42.9	64.3
99	62.5	47.9	71.9

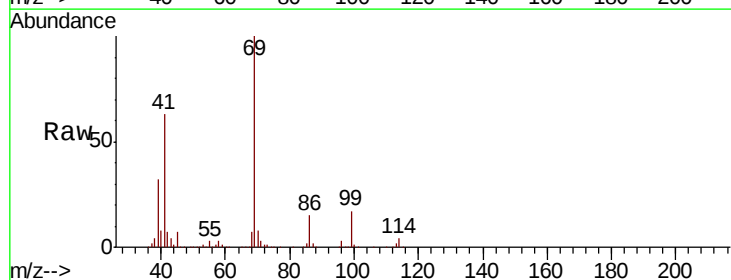


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

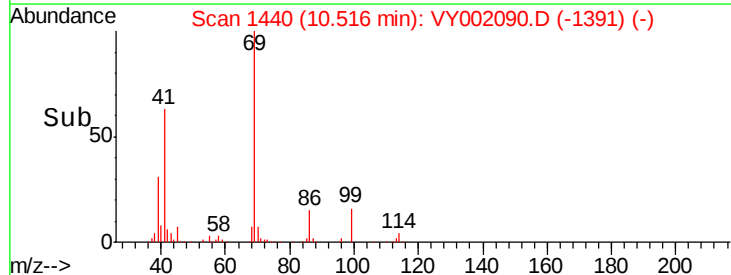
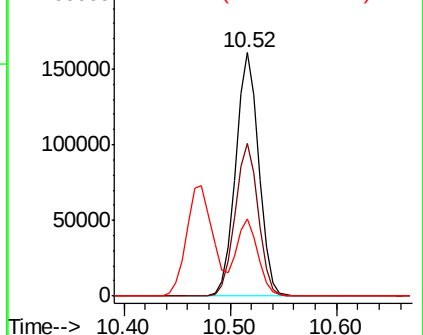


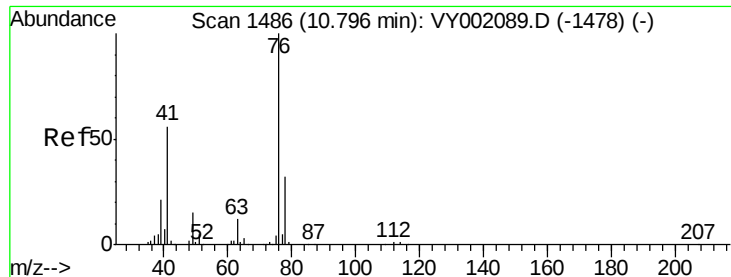
#56
 Ethyl methacrylate
 Concen: 105.113 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion:	69	Resp:	245109
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.8	79.2
39	29.2	25.0	37.6



Abundance Ion 69.00 (68.70 to 69.70): VY0
 Ion 41.00 (40.70 to 41.70): VY0
 Ion 39.00 (38.70 to 39.70): VY0

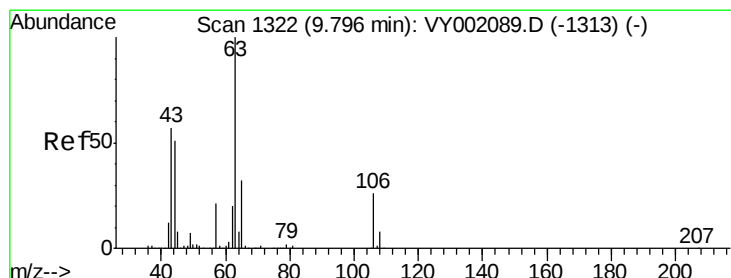
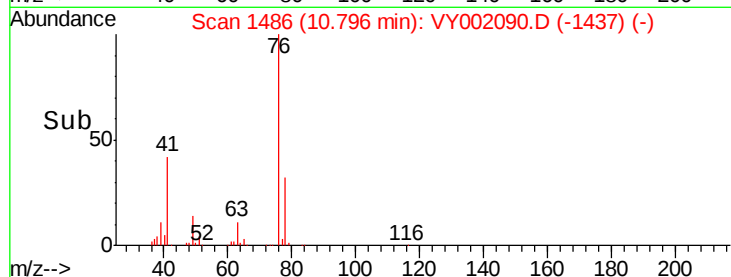
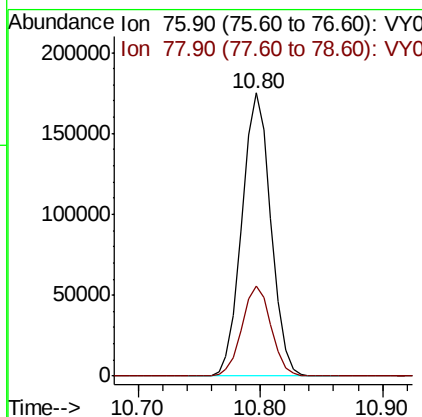
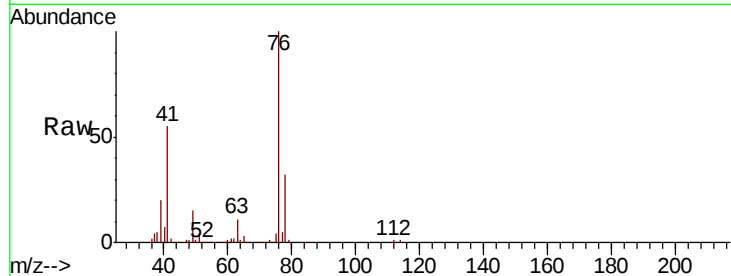




#57
 1,3-Dichloropropane
 Concen: 100.603 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

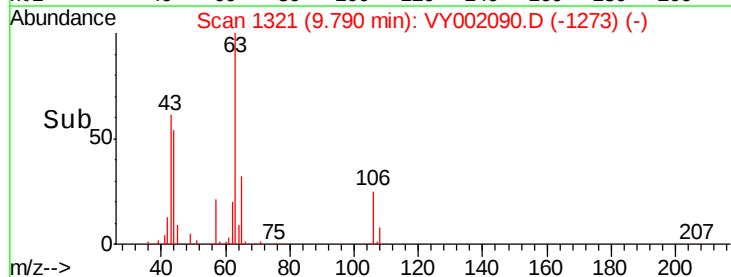
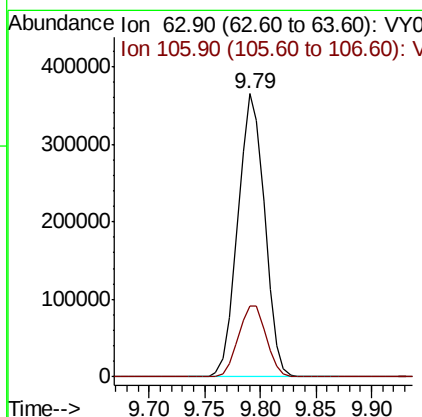
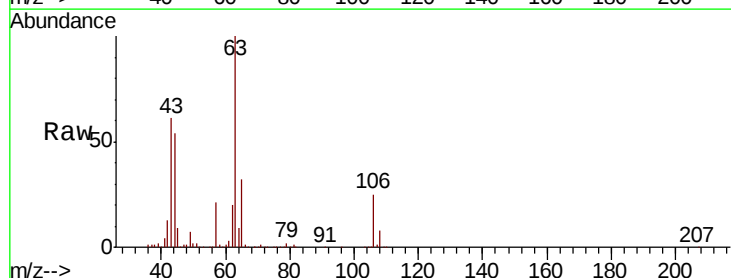
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

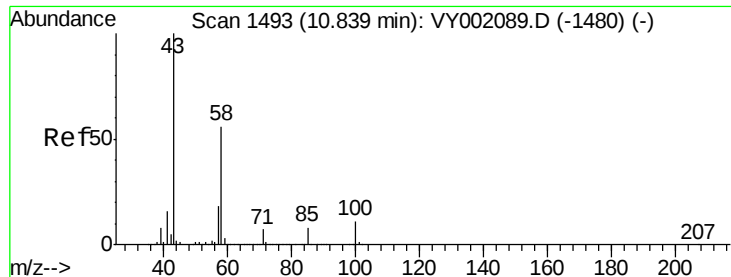
Tot Ion: 76 Resp: 287134
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 611.342 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 63 Resp: 607818
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.4

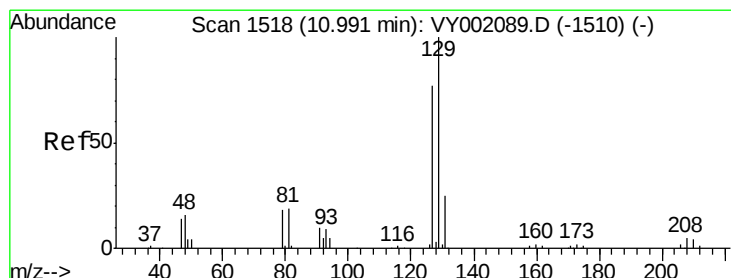
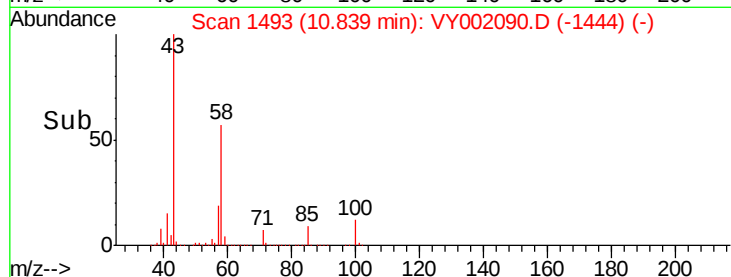
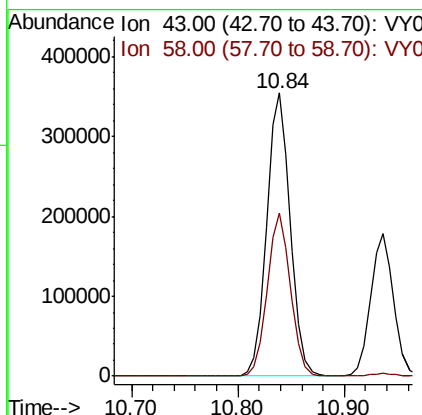
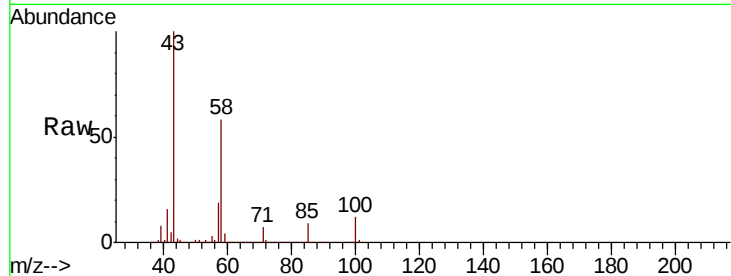




#59
2-Hexanone
Concen: 475.809 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

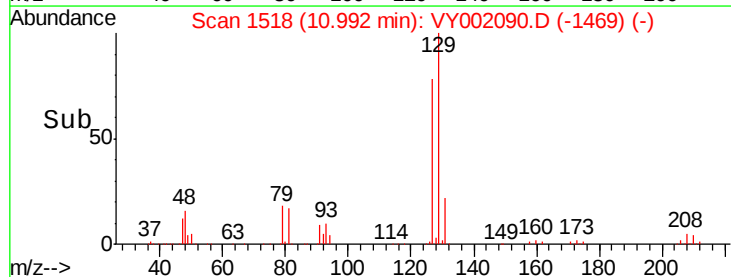
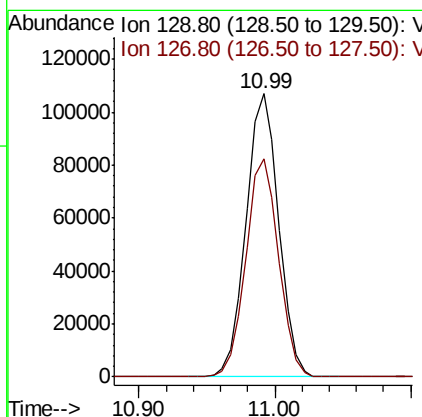
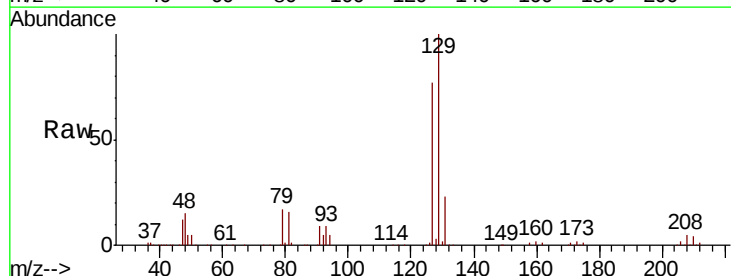
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

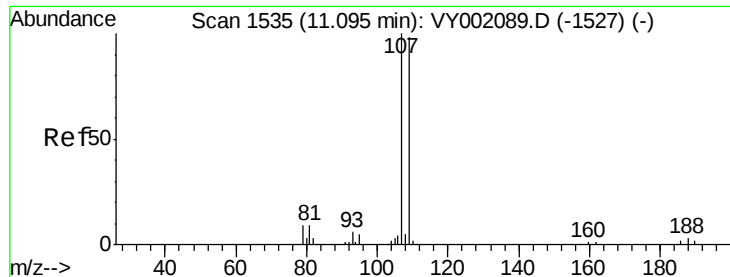
Tot Ion: 43 Resp: 544943
Ion Ratio Lower Upper
43 100
58 57.0 27.9 83.6



#60
Dibromochloromethane
Concen: 106.849 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 129 Resp: 179642
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

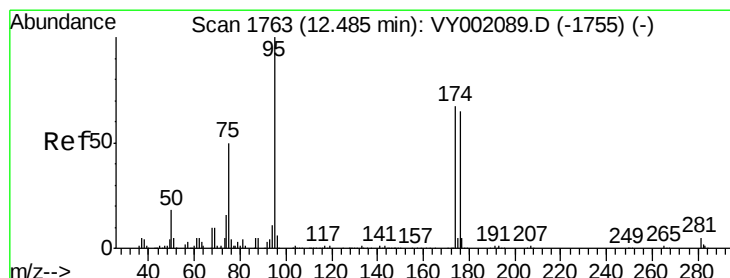
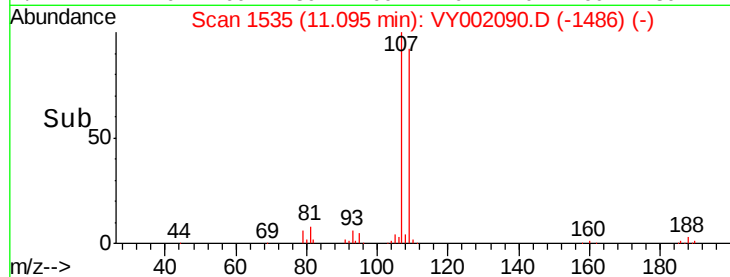
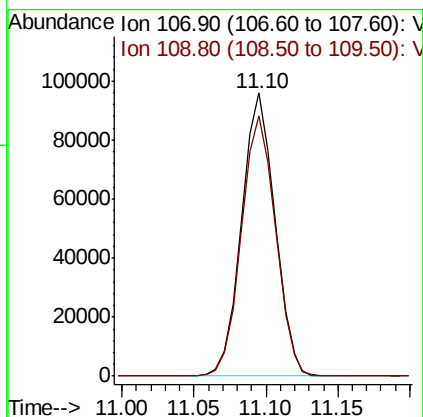
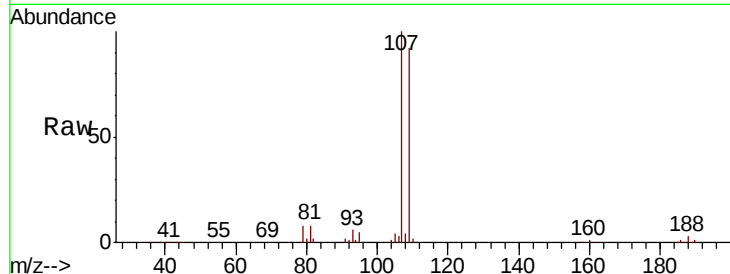




#61
 1,2-Dibromoethane
 Concen: 101.645 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

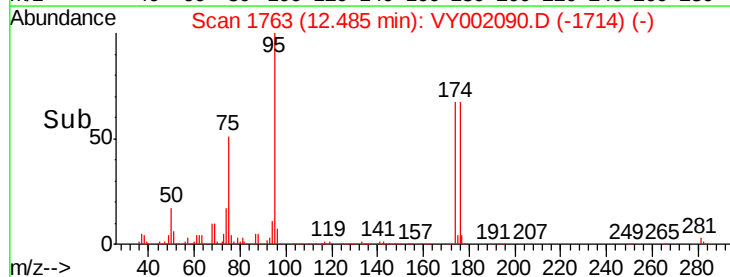
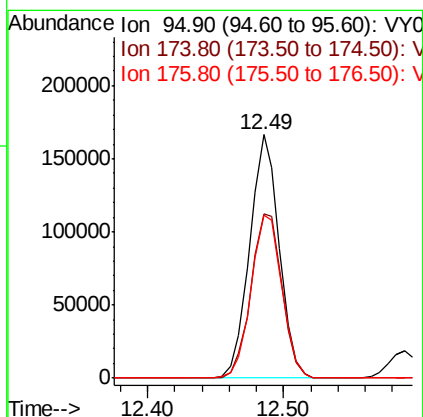
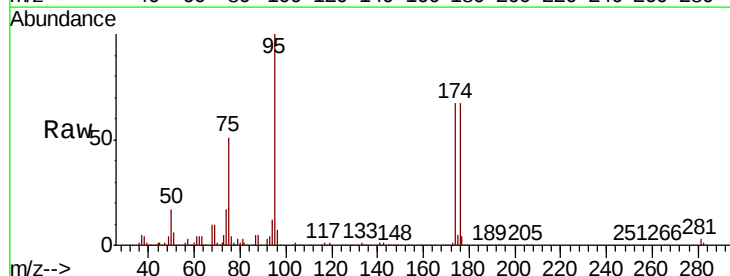
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

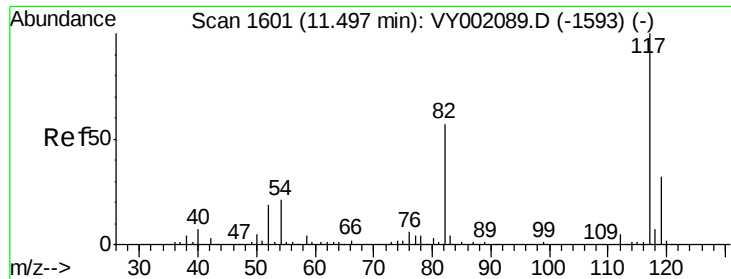
Tot Ion: 107 Resp: 153941
 Ion Ratio Lower Upper
 107 100
 109 94.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 105.370 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 95 Resp: 253073
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 143.4
 176 70.1 0.0 137.0

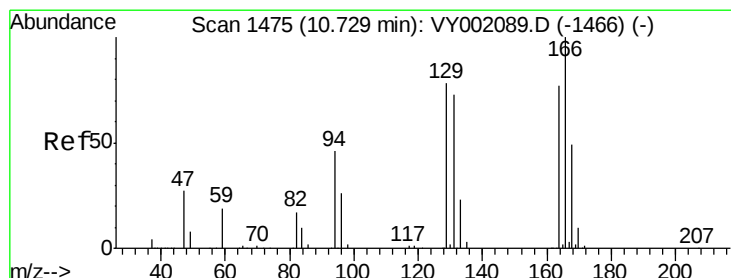
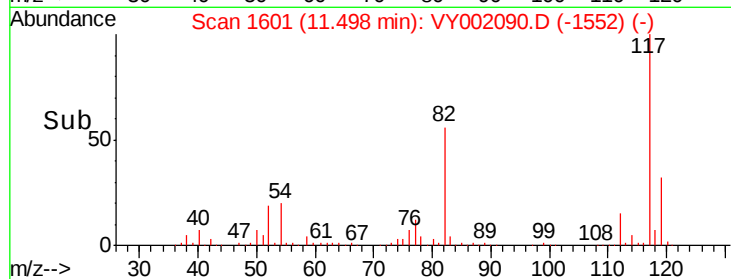
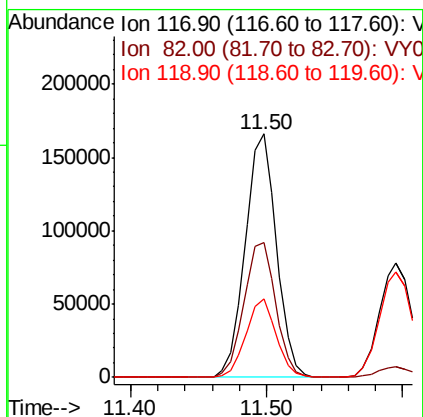
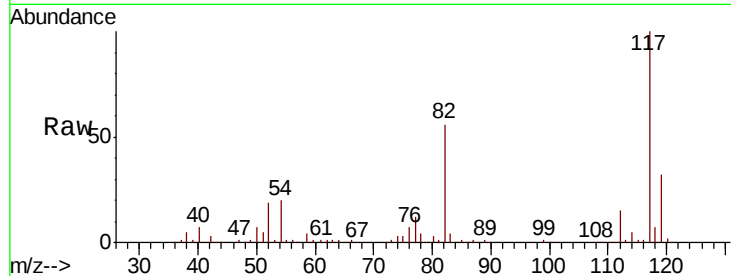




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

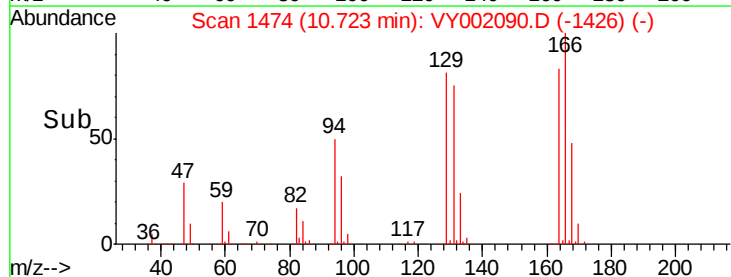
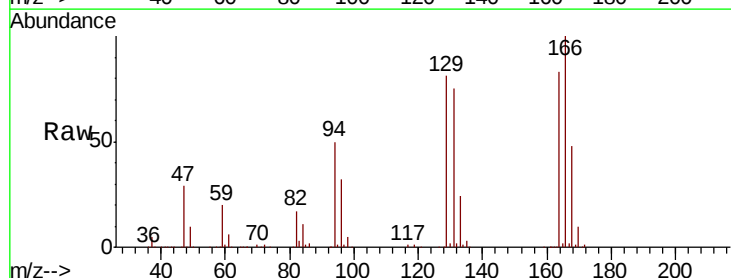
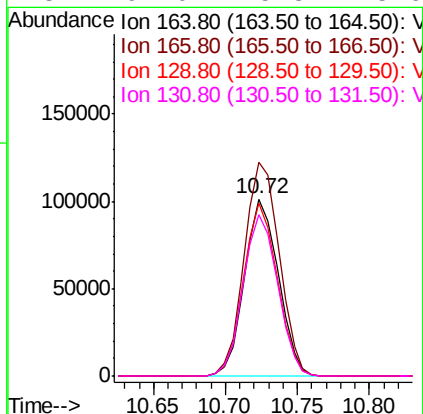
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

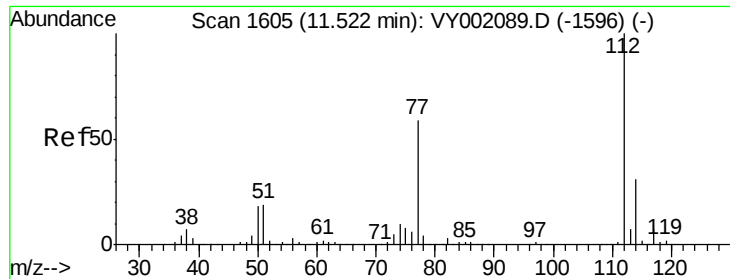
Tot Ion:117 Resp: 266088
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 99.364 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:164 Resp: 165126
Ion Ratio Lower Upper
164 100
166 120.6 104.0 156.0
129 97.9 81.2 121.8
131 91.0 75.8 113.6

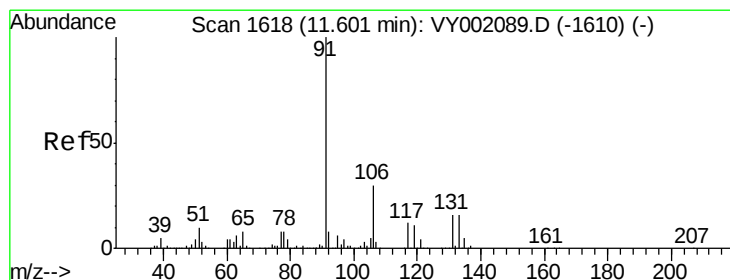
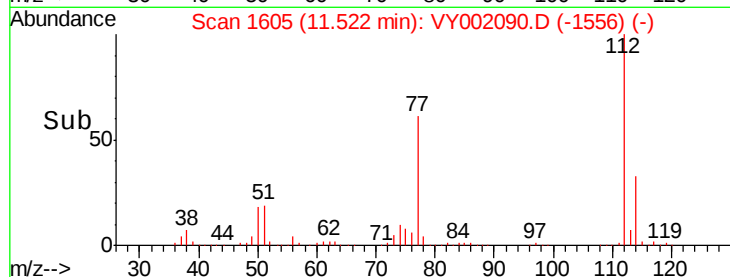
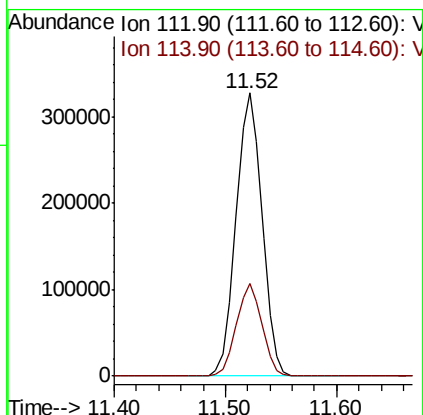
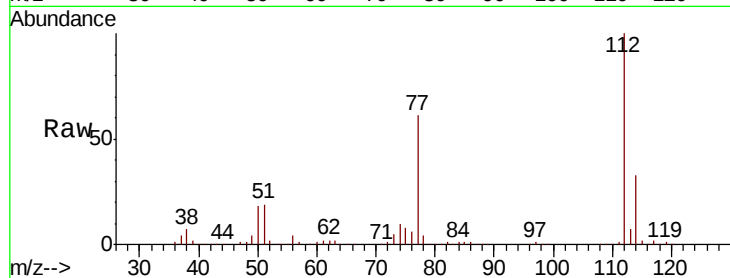




#65
Chlorobenzene
Concen: 100.655 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

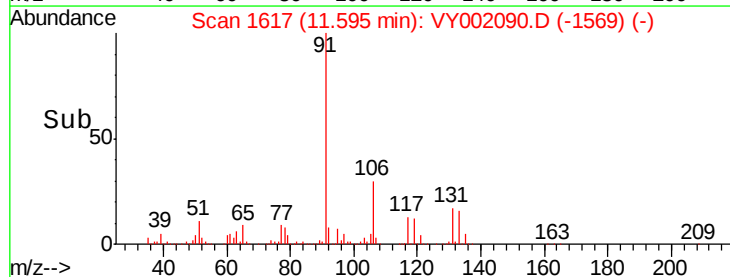
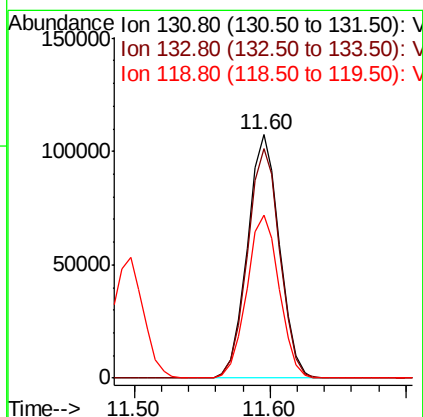
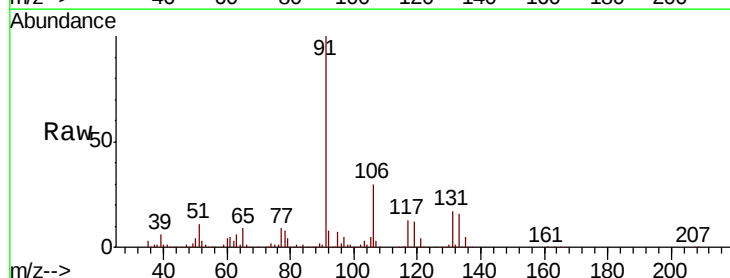
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

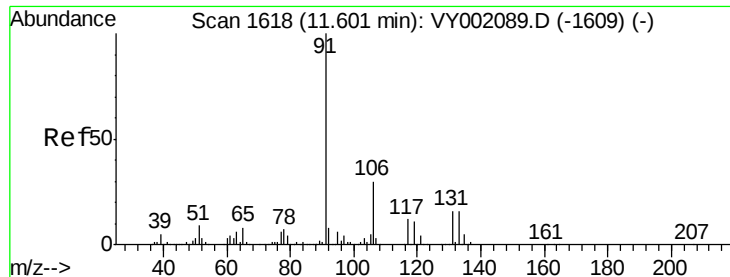
Tot Ion:112 Resp: 528220
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 102.871 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:131 Resp: 177320
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 67.9 34.6 103.9

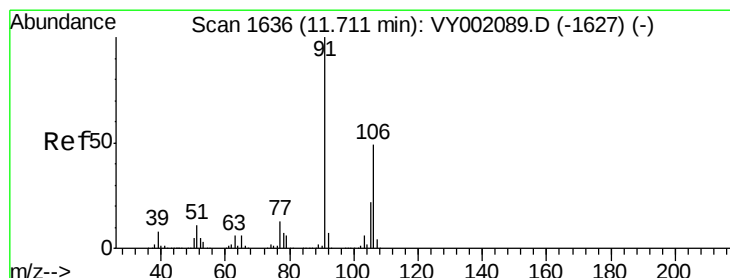
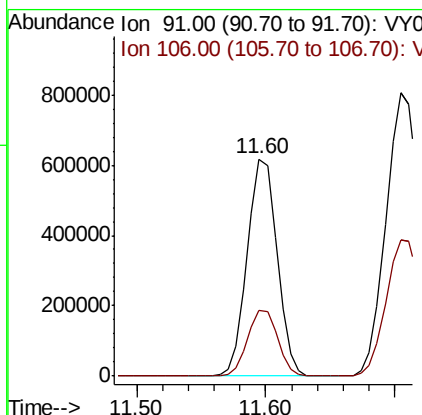
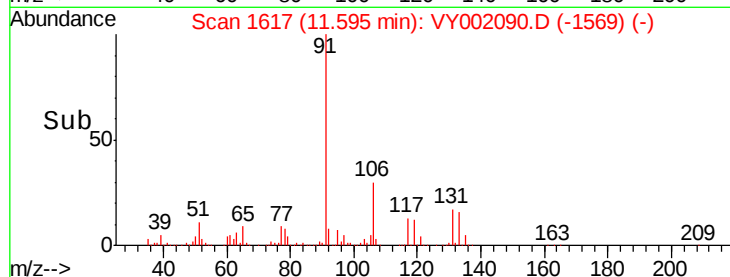
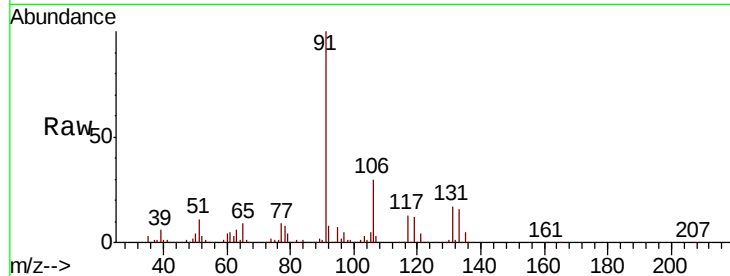




#67
Ethyl Benzene
Concen: 100.964 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

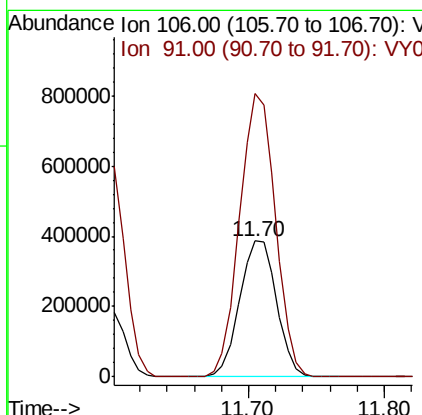
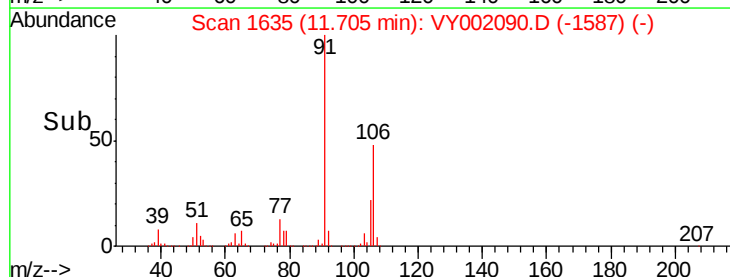
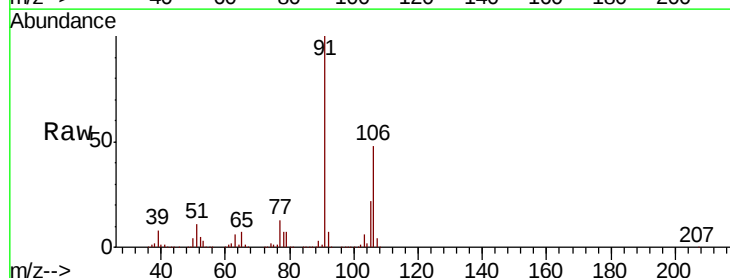
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

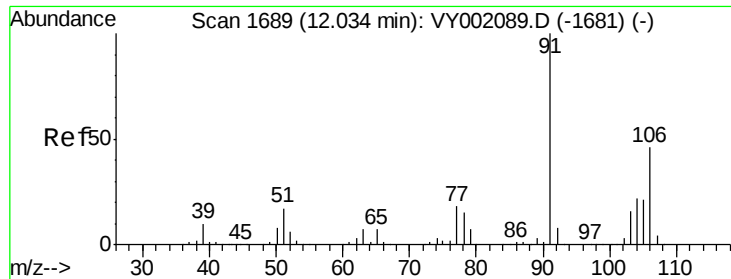
Tot Ion: 91 Resp: 989771
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 202.111 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion: 106 Resp: 731239
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2

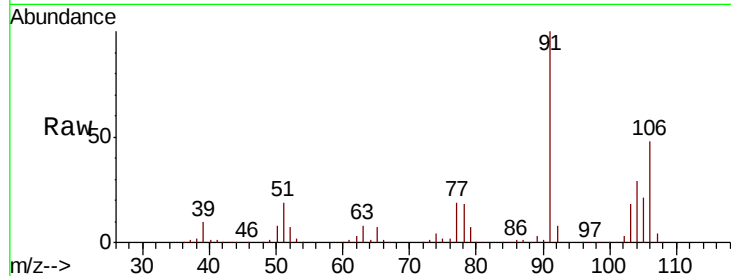




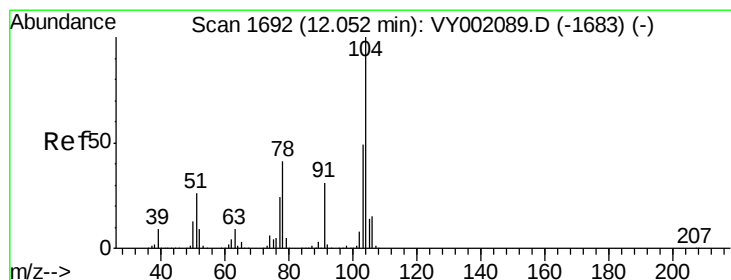
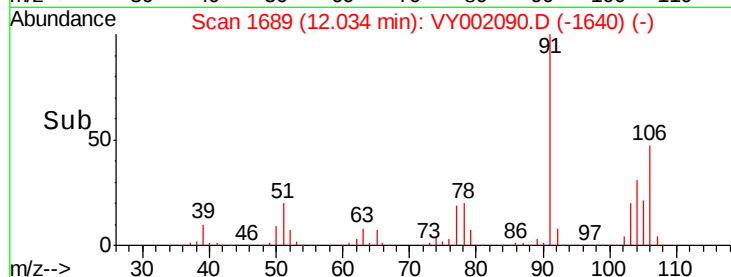
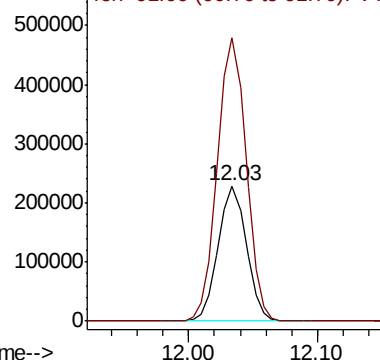
#69
o-Xylene
Concen: 101.465 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 346332
Ion Ratio Lower Upper
106 100
91 213.5 107.3 321.8

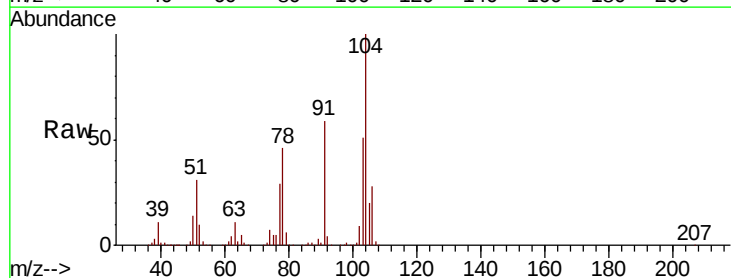


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

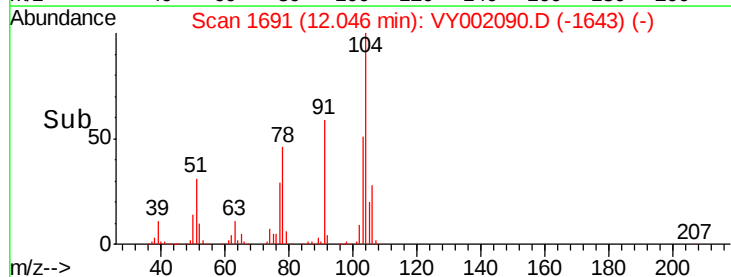
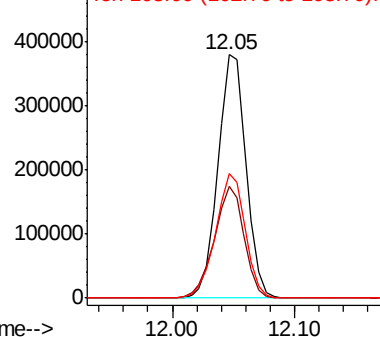


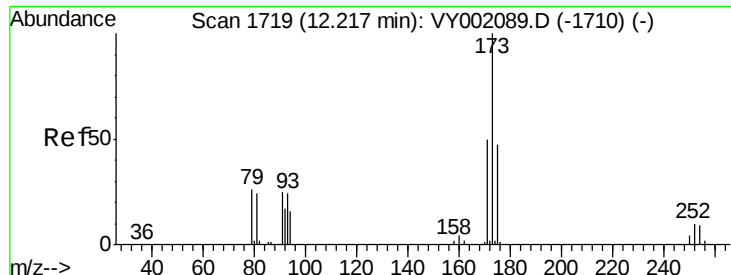
#70
Styrene
Concen: 103.868 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:104 Resp: 607668
Ion Ratio Lower Upper
104 100
78 48.3 37.9 56.9
103 53.8 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 107.491 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

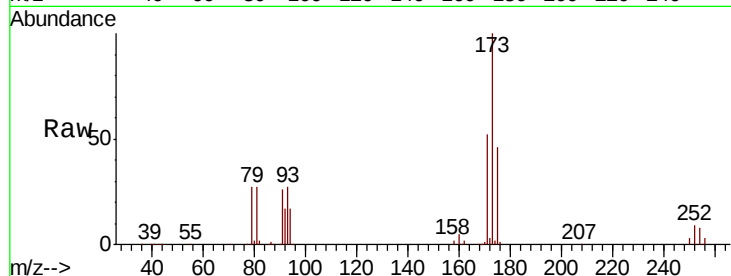
Tot Ion:173 Resp: 100310

Ion Ratio Lower Upper

173 100

175 47.6 23.9 71.8

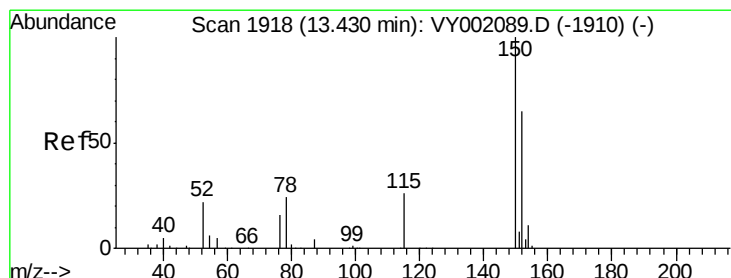
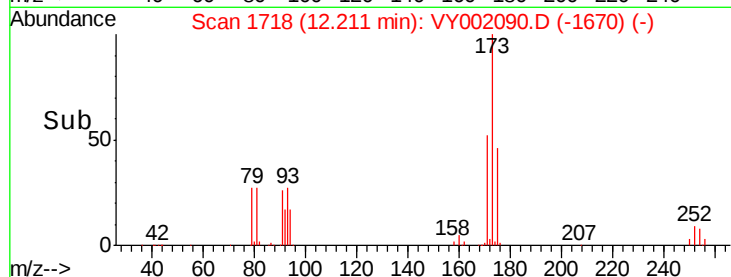
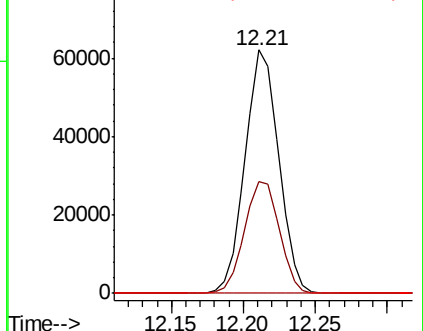
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

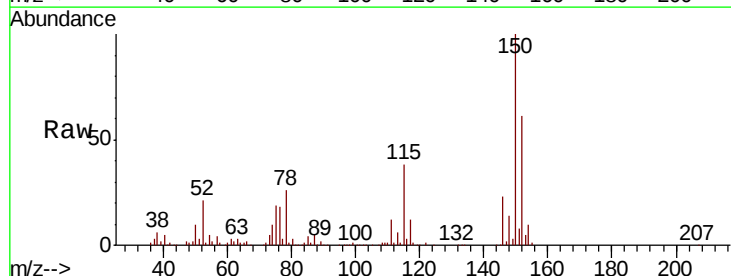
Tgt Ion:152 Resp: 119579

Ion Ratio Lower Upper

152 100

115 62.4 31.2 93.6

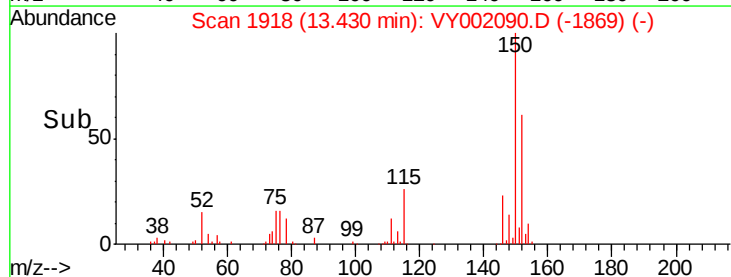
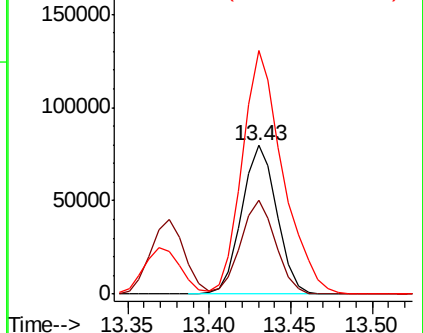
150 188.2 0.0 354.8

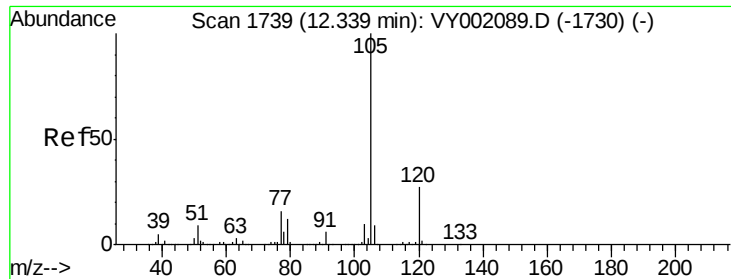


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 103.119 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

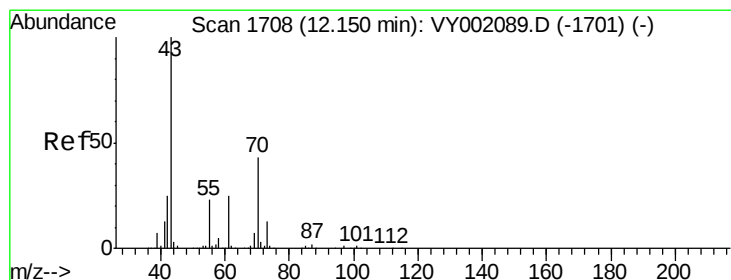
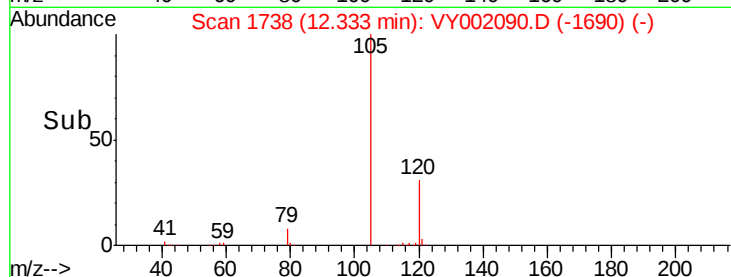
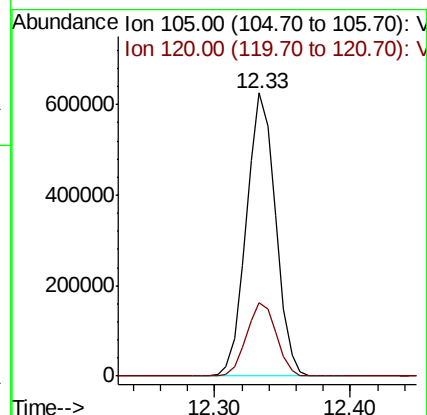
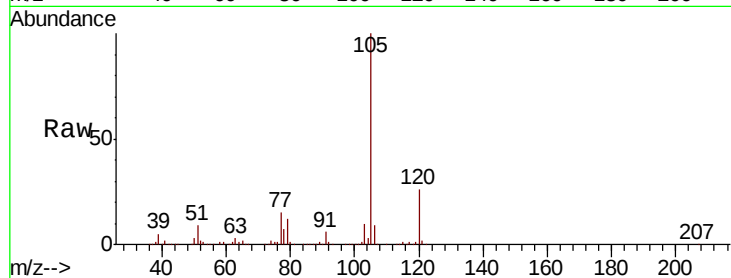
VSTDIC100

Tot Ion:105 Resp: 938503

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 99.285 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Tgt Ion: 43 Resp: 277519

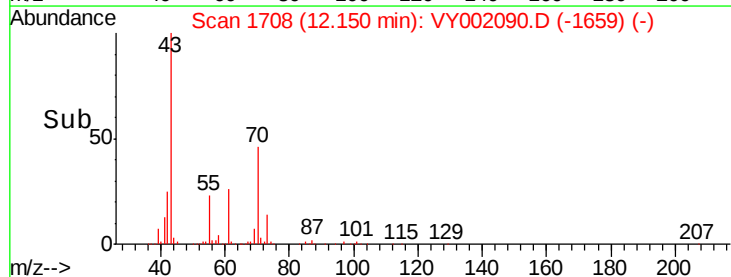
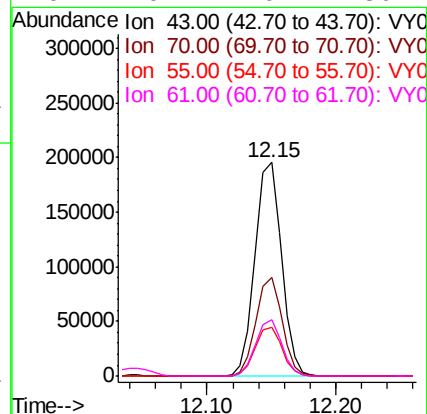
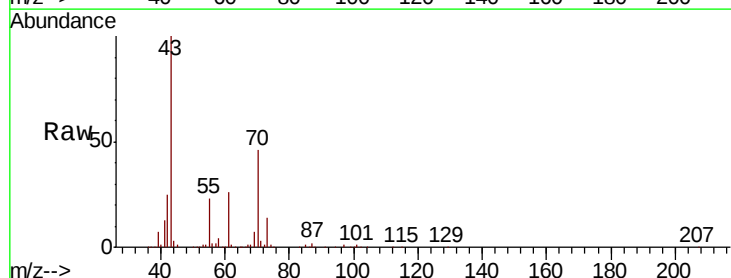
Ion Ratio Lower Upper

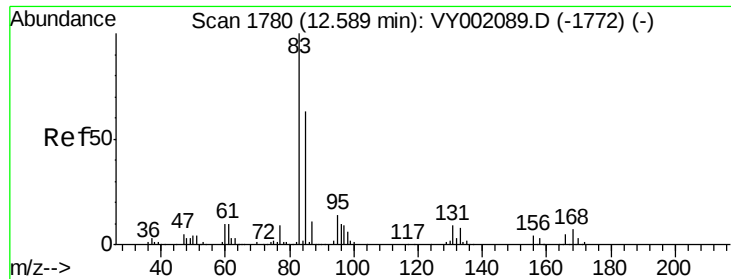
43 100

70 45.4 35.0 52.4

55 23.2 18.7 28.1

61 26.1 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 98.993 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

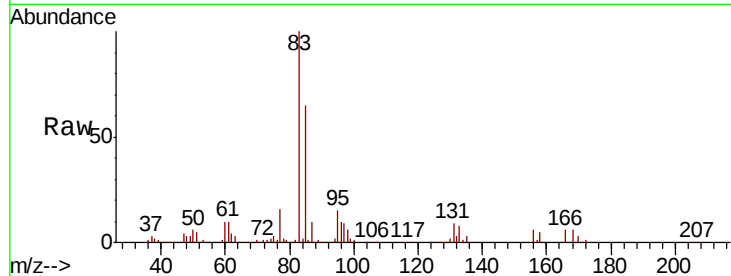
Tot Ion: 83 Resp: 193723

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.1

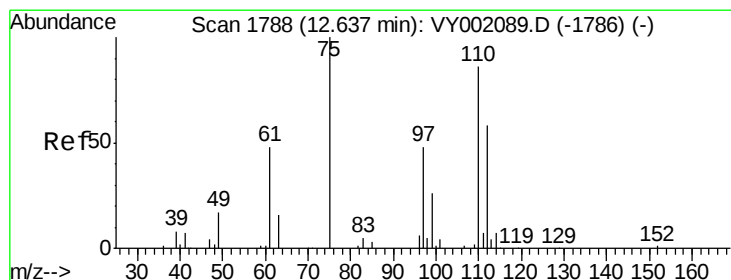
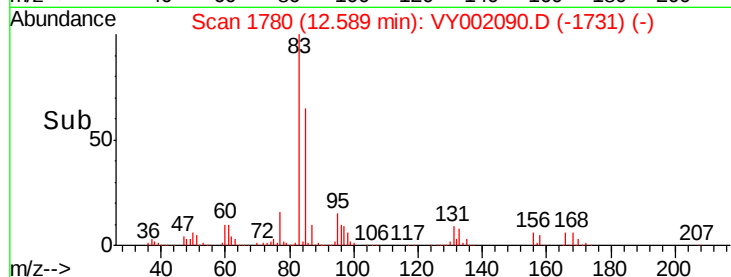
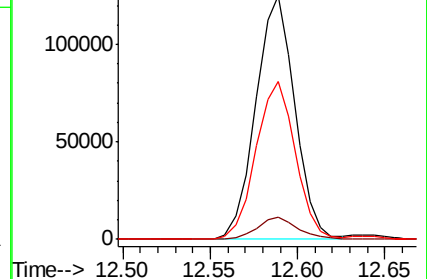
85 65.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY002090.D (-1772) (-)

Ion 130.80 (130.50 to 131.50): VY002090.D (-1772) (-)

Ion 84.90 (84.60 to 85.60): VY002090.D (-1772) (-)



#76

1,2,3-Trichloropropane

Concen: 176.556 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002090.D

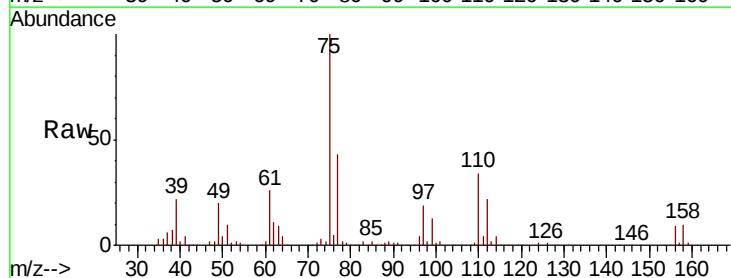
Acq: 26 Mar 2020 16:52

Tgt Ion: 75 Resp: 253062

Ion Ratio Lower Upper

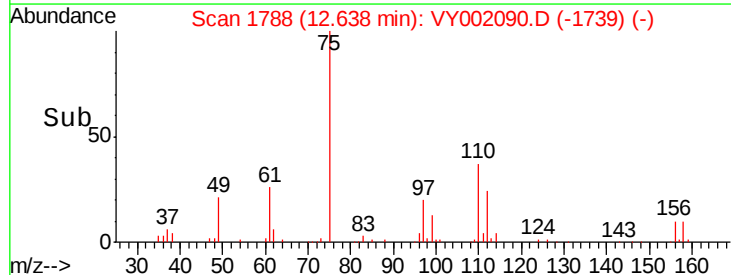
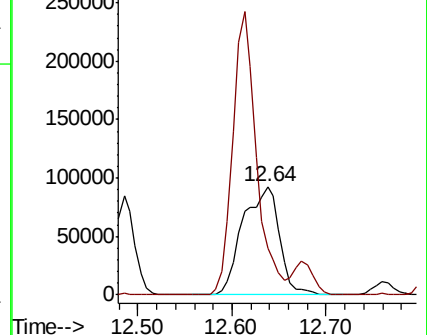
75 100

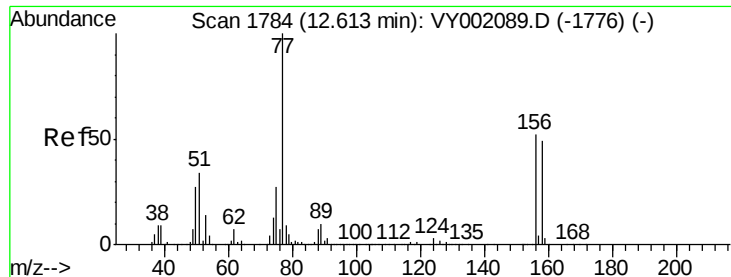
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002090.D (-1786) (-)

Ion 77.00 (76.70 to 77.70): VY002090.D (-1786) (-)





#77

Bromobenzene

Concen: 102.481 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

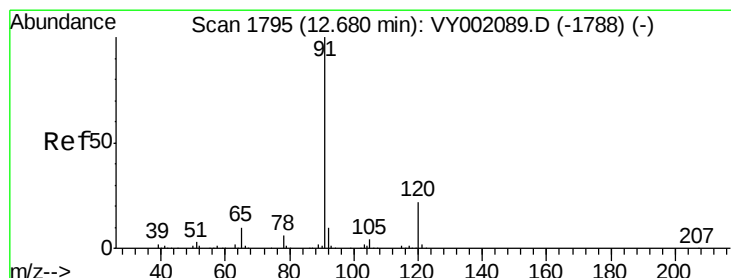
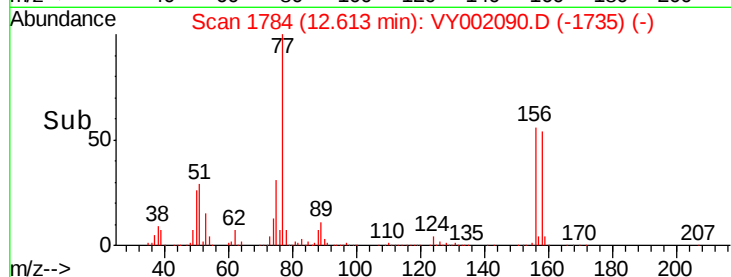
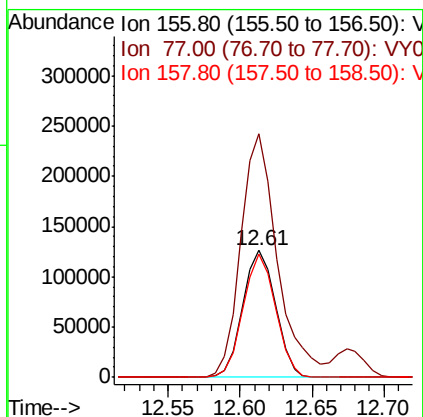
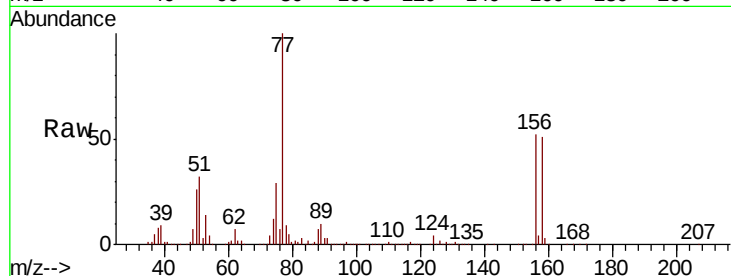
Tot Ion:156 Resp: 198391

Ion Ratio Lower Upper

156 100

77 214.7 107.8 323.6

158 96.4 47.5 142.6



#78

n-propylbenzene

Concen: 103.132 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002090.D

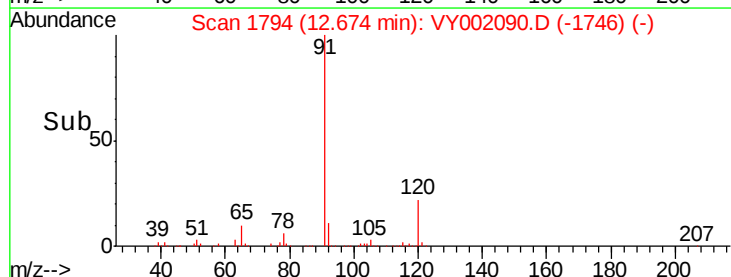
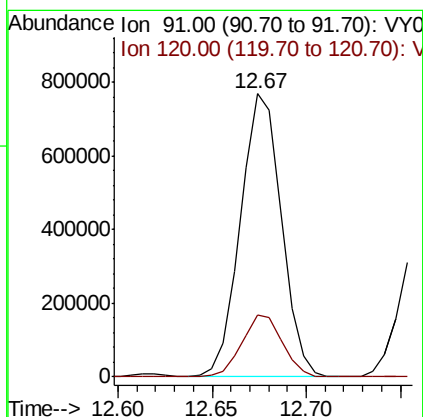
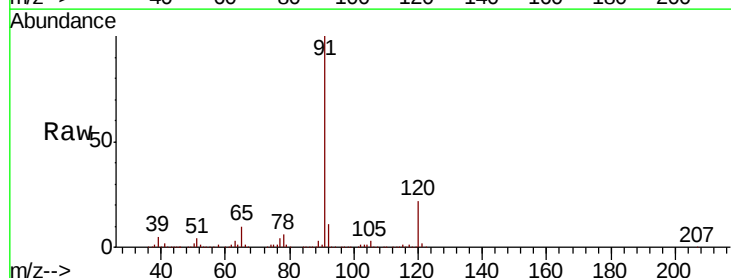
Acq: 26 Mar 2020 16:52

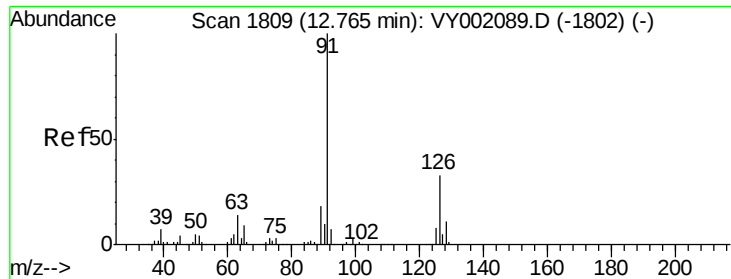
Tgt Ion: 91 Resp: 1159305

Ion Ratio Lower Upper

91 100

120 21.7 11.1 33.1

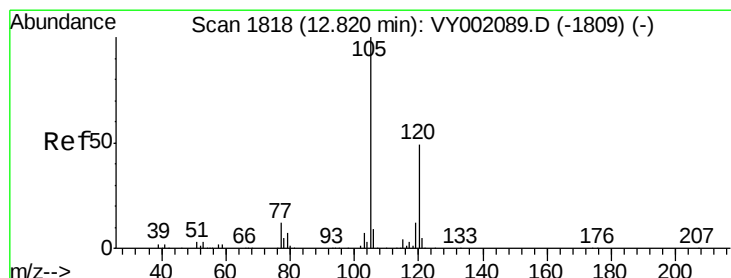
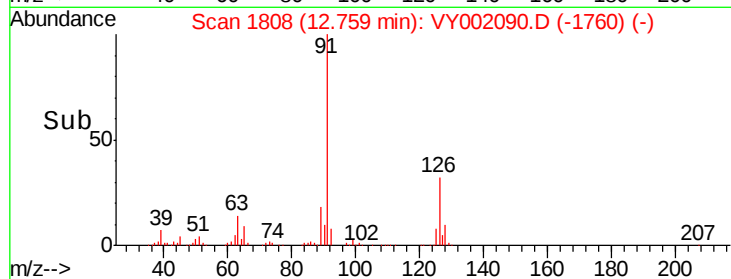
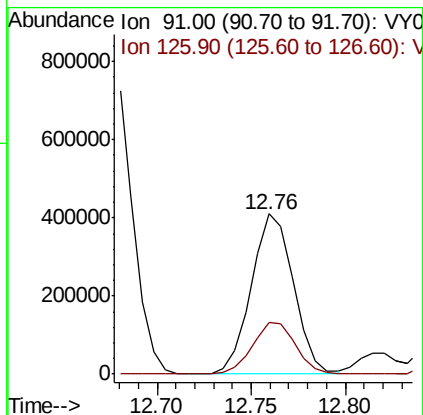
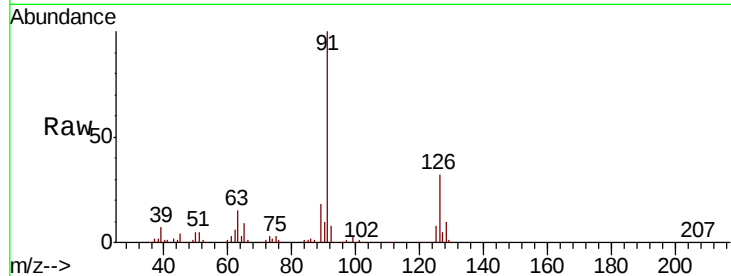




#79
 2-Chlorotoluene
 Concen: 102.943 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

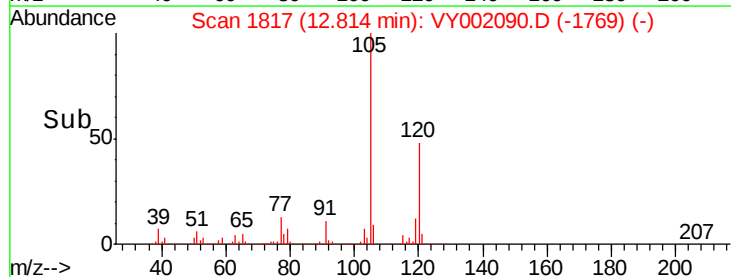
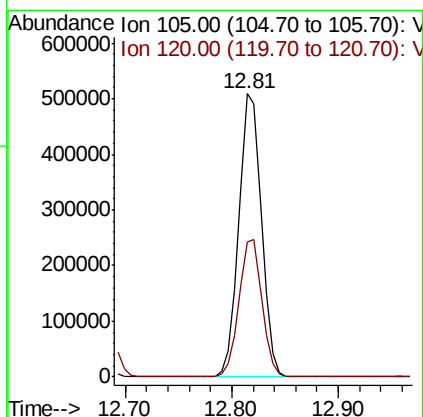
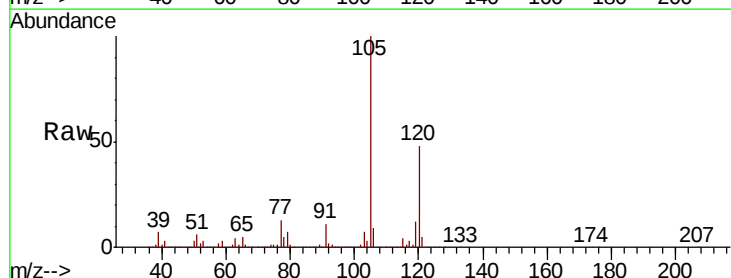
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

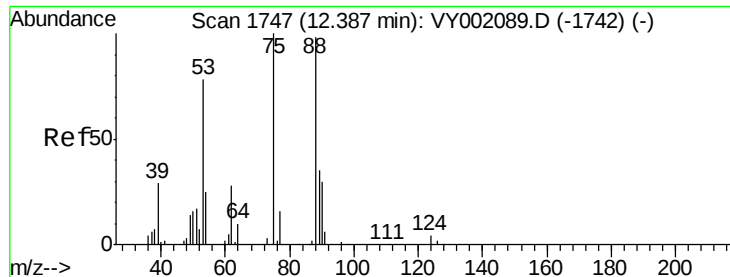
Tot Ion: 91 Resp: 639090
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 101.765 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002090.D
 Acq: 26 Mar 2020 16:52

Tgt Ion: 105 Resp: 764381
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 105.003 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

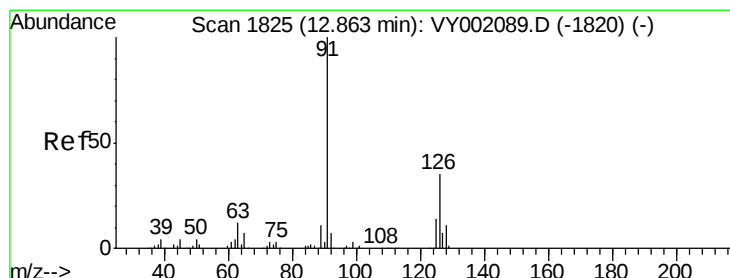
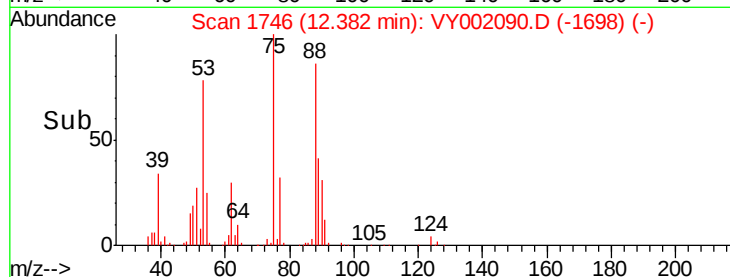
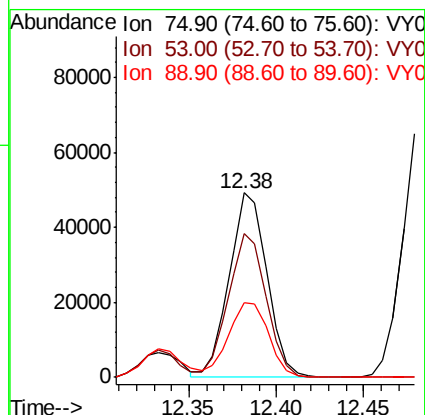
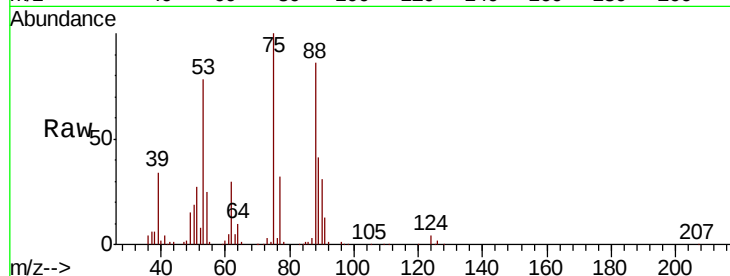
Tot Ion: 75 Resp: 73369

Ion Ratio Lower Upper

75 100

53 77.9 65.0 97.4

89 42.9 33.4 50.0



#82

4-Chlorotoluene

Concen: 103.045 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002090.D

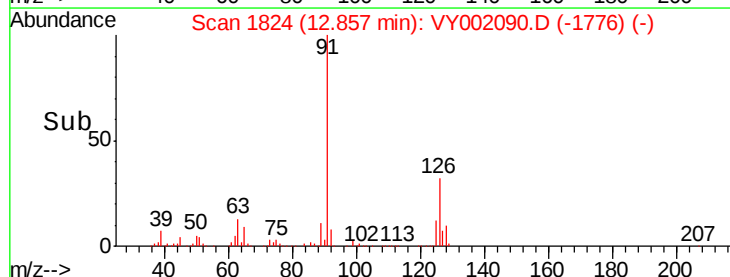
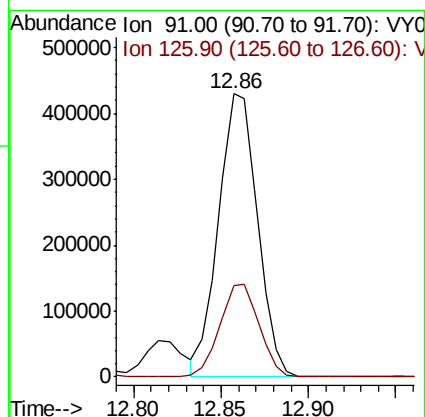
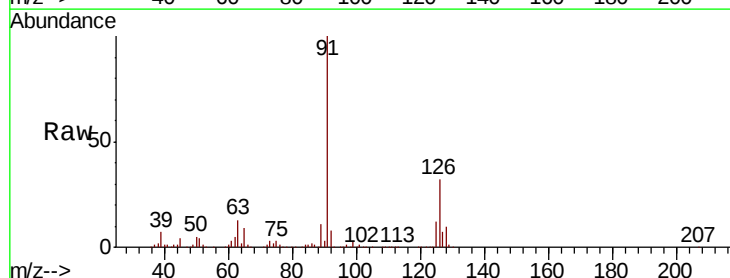
Acq: 26 Mar 2020 16:52

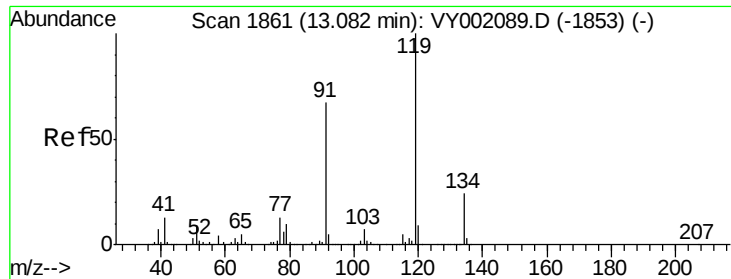
Tgt Ion: 91 Resp: 667007

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9

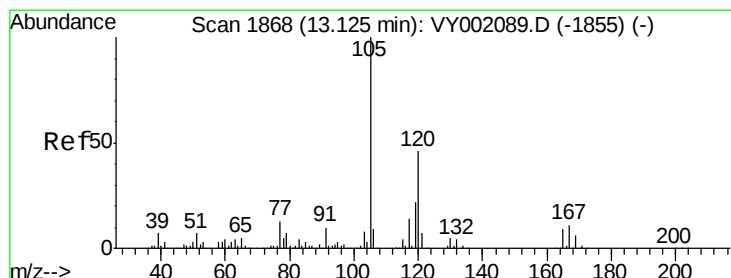
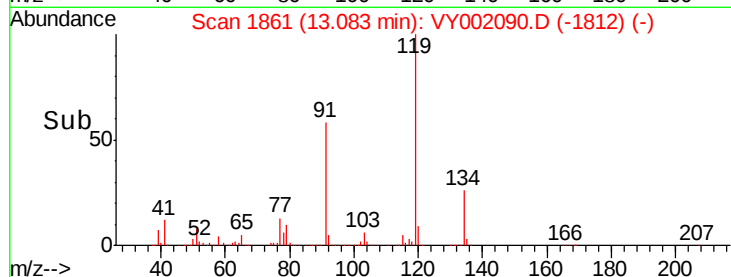
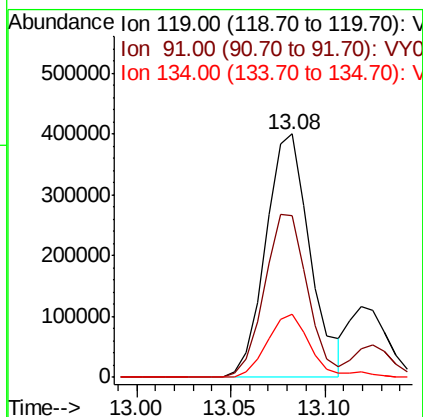
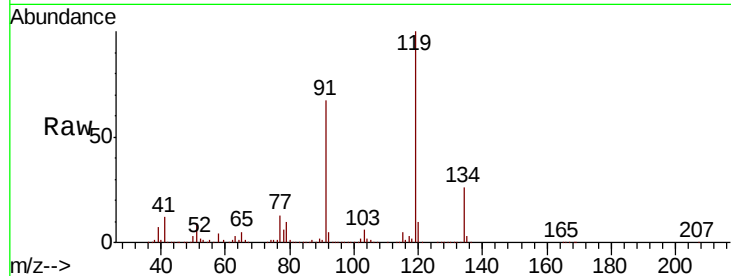




#83
tert-Butylbenzene
Concen: 104.344 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

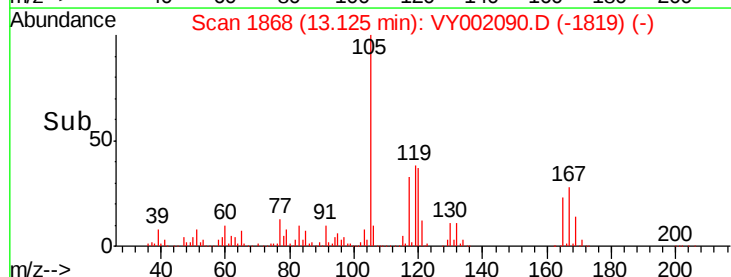
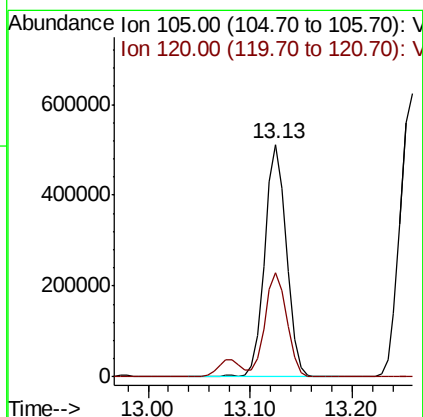
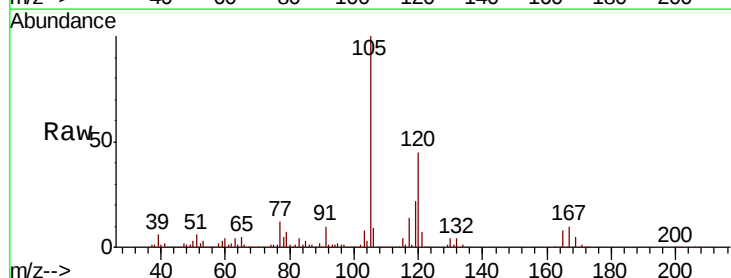
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

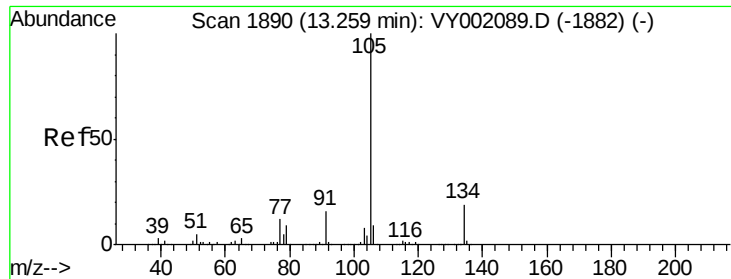
Tot Ion:119 Resp: 652903
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 101.822 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:105 Resp: 758202
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 102.425 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

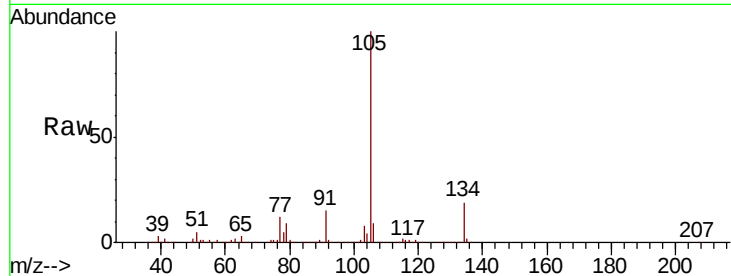
VSTDIC100

Tot Ion:105 Resp: 942257

Ion Ratio Lower Upper

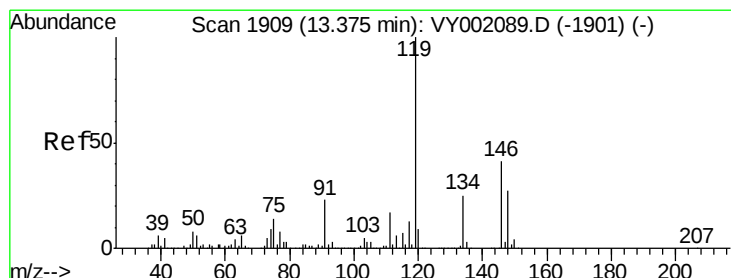
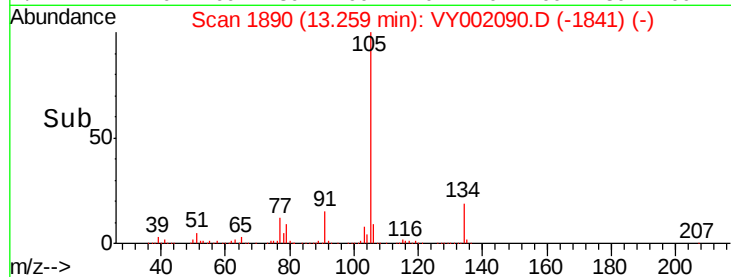
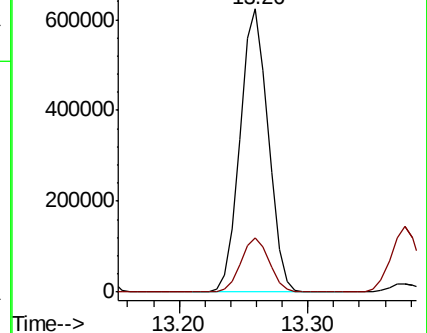
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 101.448 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

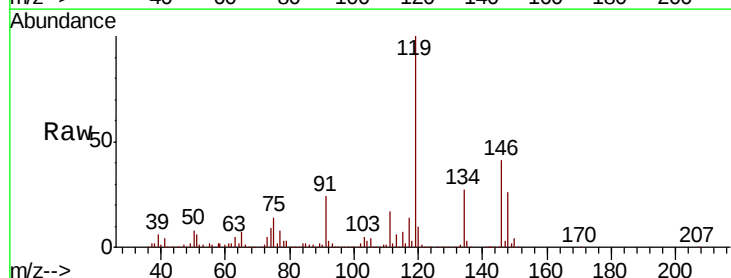
Tgt Ion:119 Resp: 805454

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

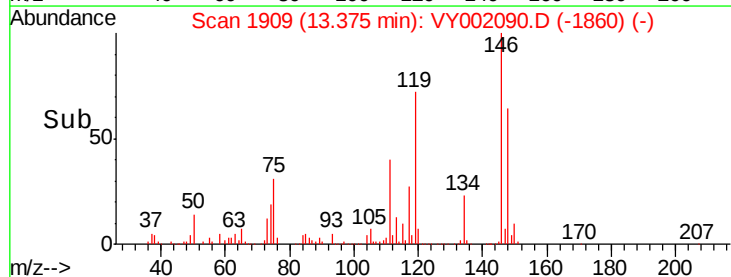
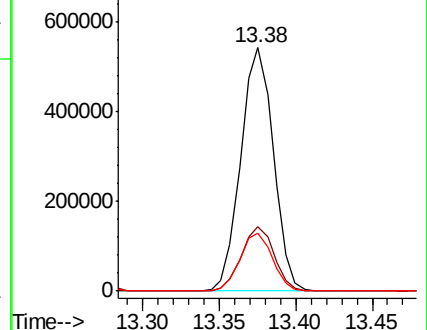
91 23.6 11.8 35.3

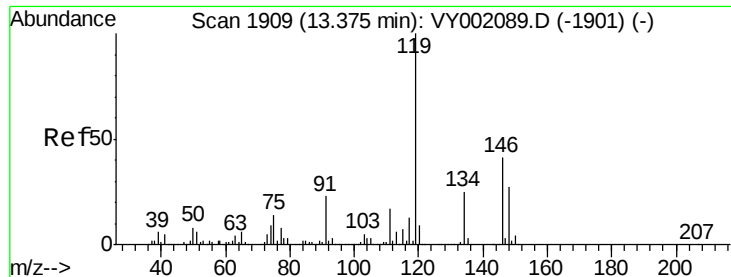


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 99.040 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

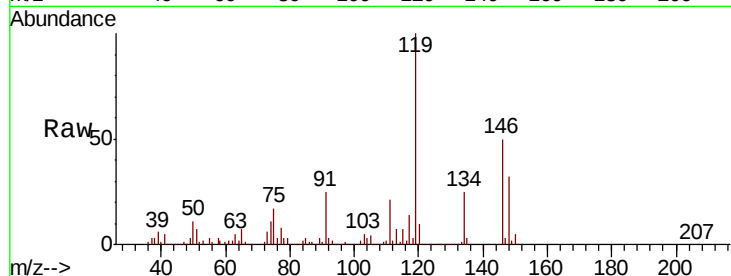
Tot Ion:146 Resp: 374663

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.8

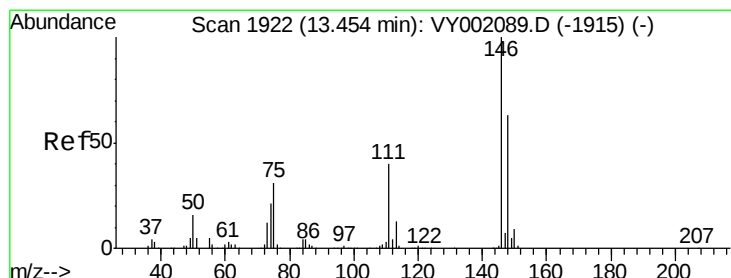
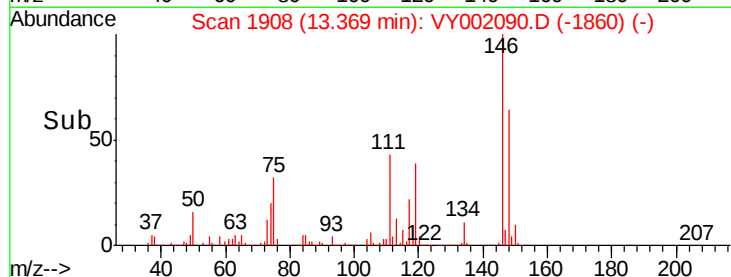
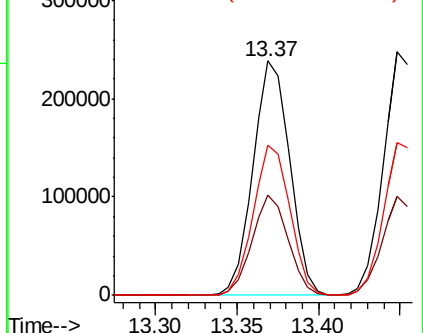
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 99.772 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

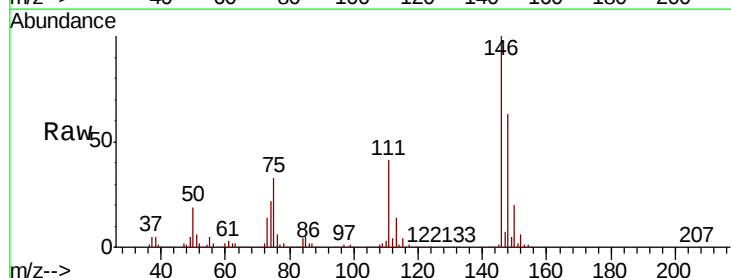
Tgt Ion:146 Resp: 382603

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

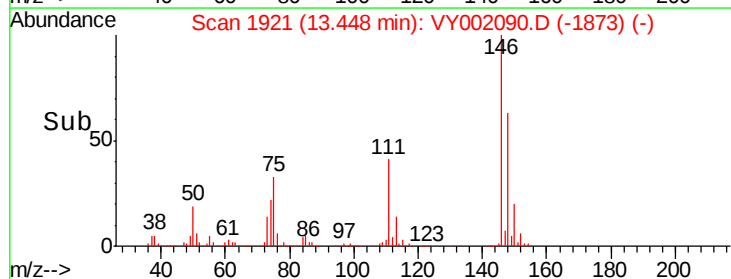
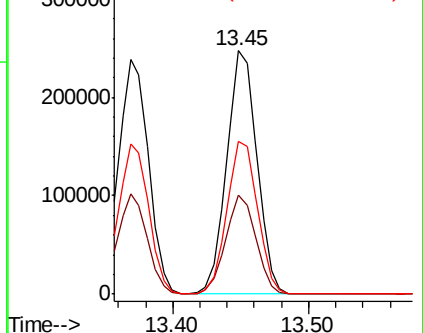
148 63.6 31.5 94.5

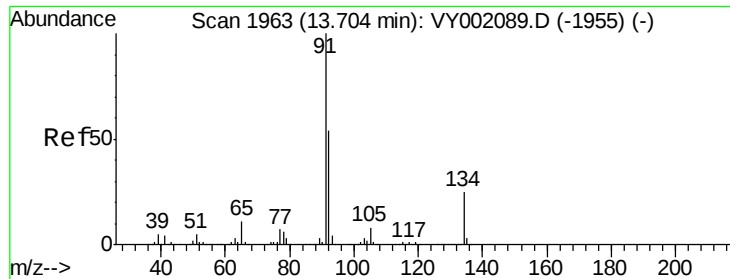


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 101.609 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

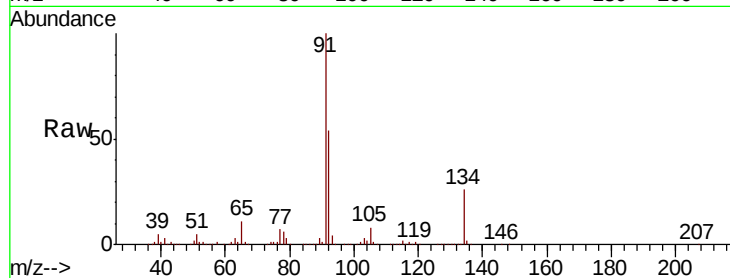
Tot Ion: 91 Resp: 837357

Ion Ratio Lower Upper

91 100

92 54.1 27.0 81.0

134 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1955) (-)

Ion 92.00 (91.70 to 92.70): VY002089.D (-1955) (-)

Ion 134.00 (133.70 to 134.70): VY002089.D (-1955) (-)

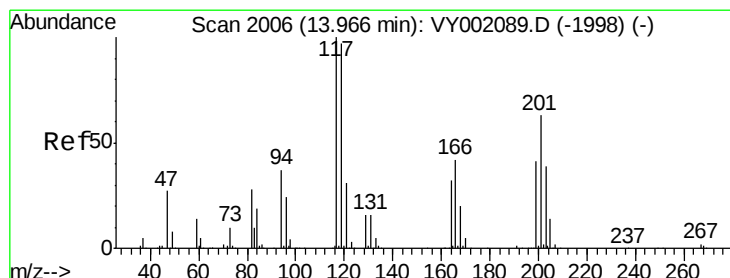
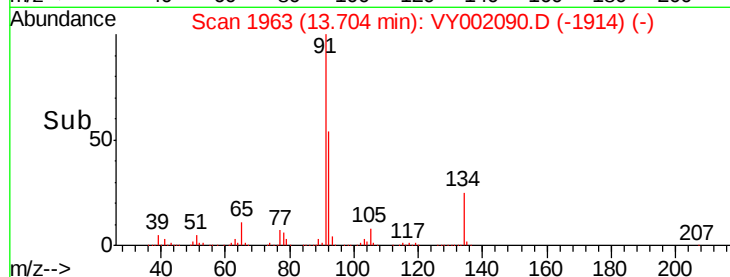
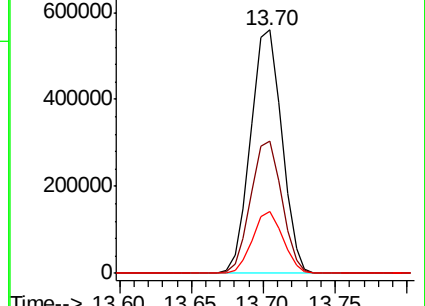
13.70

400000

200000

0

13.60 13.65 13.70 13.75



#90

Hexachloroethane

Concen: 105.789 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002090.D

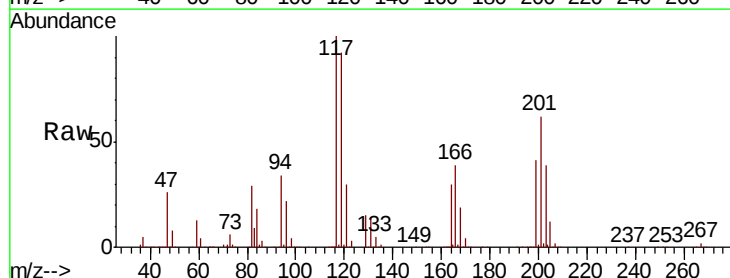
Acq: 26 Mar 2020 16:52

Tgt Ion: 117 Resp: 158411

Ion Ratio Lower Upper

117 100

201 63.5 31.6 94.8



Abundance Ion 116.80 (116.50 to 117.50): VY002089.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002089.D (-1998) (-)

13.97

100000

80000

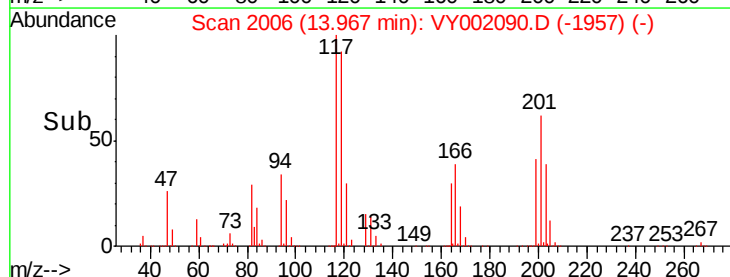
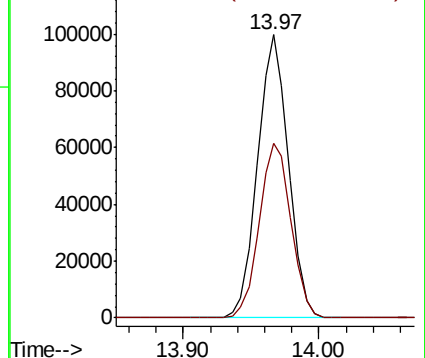
60000

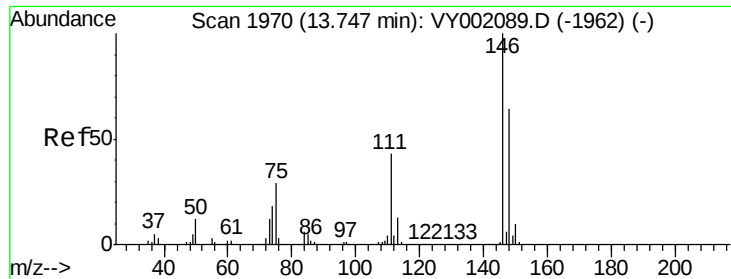
40000

20000

0

13.90 13.95 14.00





#91

1,2-Dichlorobenzene

Concen: 101.939 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

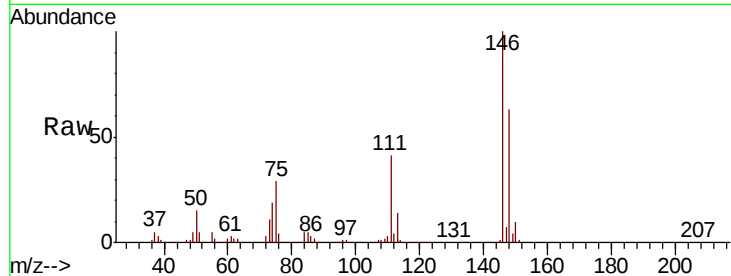
Tot Ion:146 Resp: 351672

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

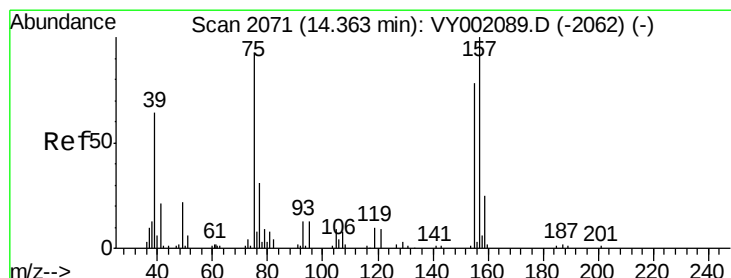
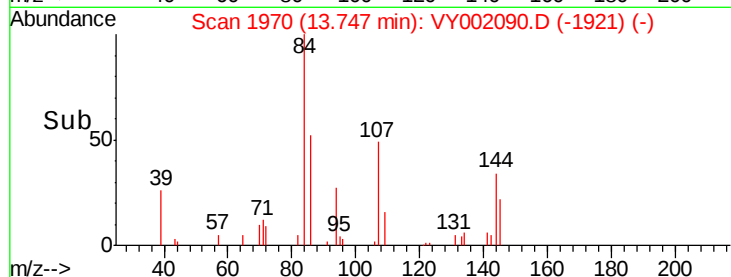
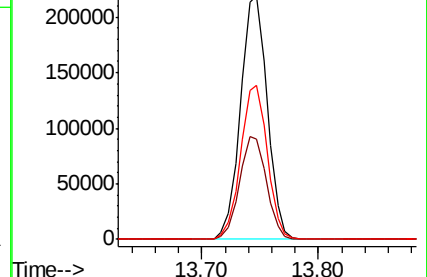
148 63.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 98.289 ug/l

RT: 14.36 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VY002090.D

Acq: 26 Mar 2020 16:52

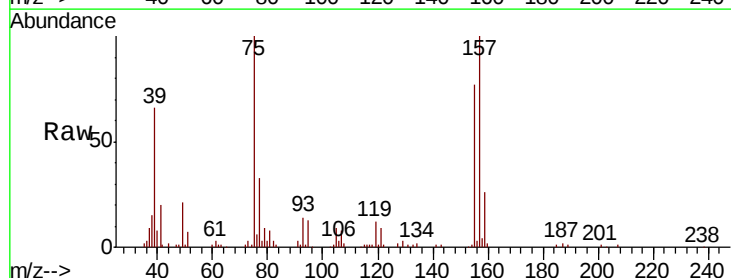
Tgt Ion: 75 Resp: 30071

Ion Ratio Lower Upper

75 100

155 82.2 41.6 124.9

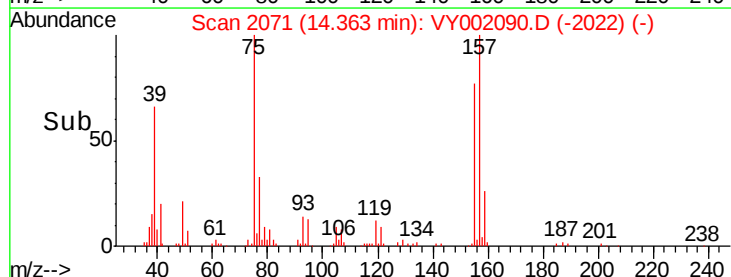
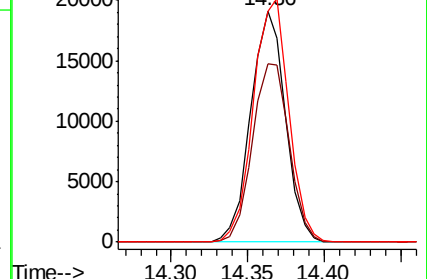
157 107.7 53.4 160.3

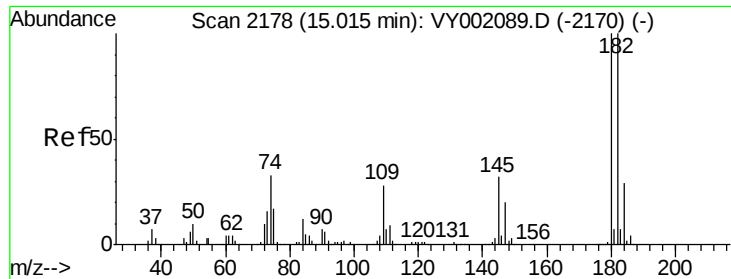


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

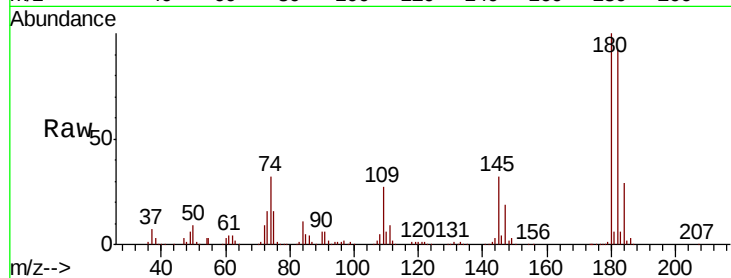




#93
1,2,4-Trichlorobenzene
Concen: 103.056 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.1	144.3
145	31.8	15.9	47.6

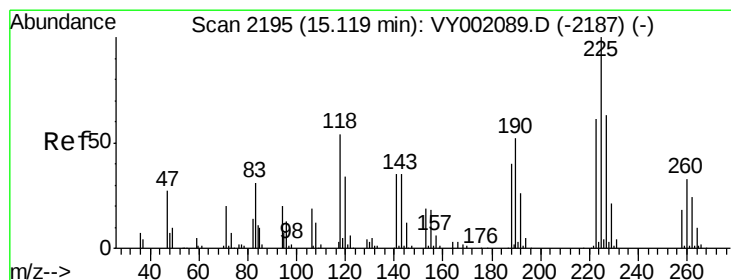
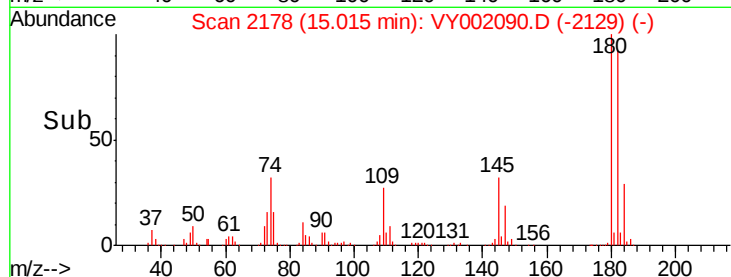
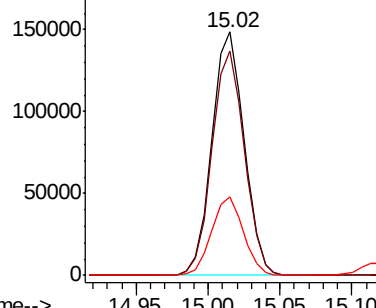


Abundance

Ion 179.80 (179.50 to 180.50): V

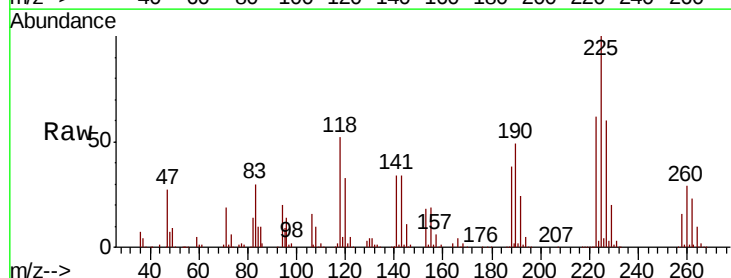
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 100.273 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.3
227	63.4	31.6	94.7

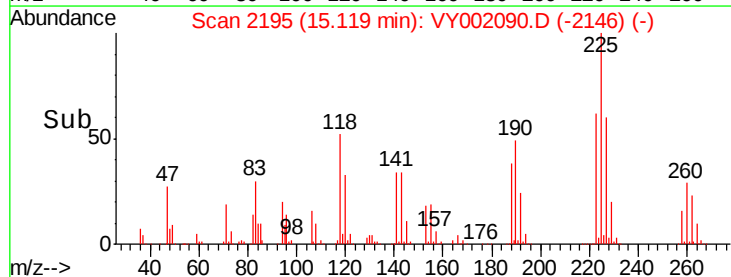
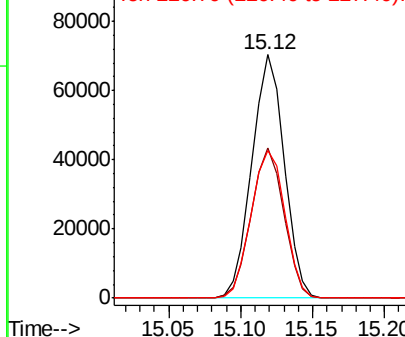


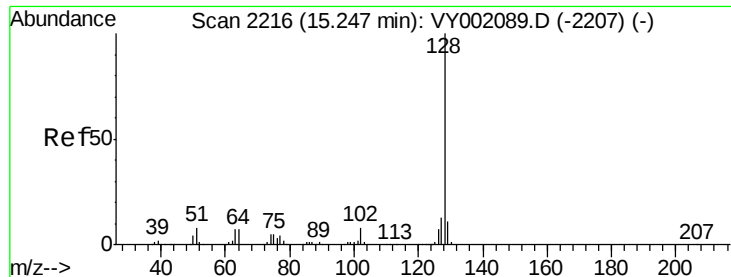
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

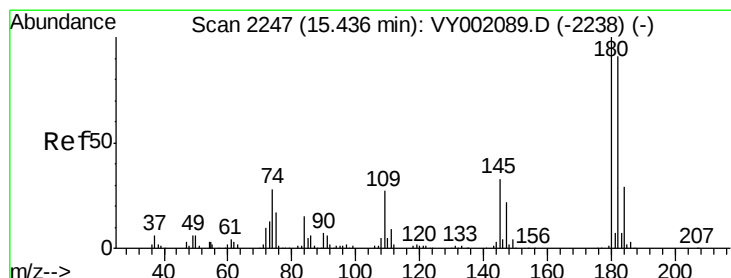
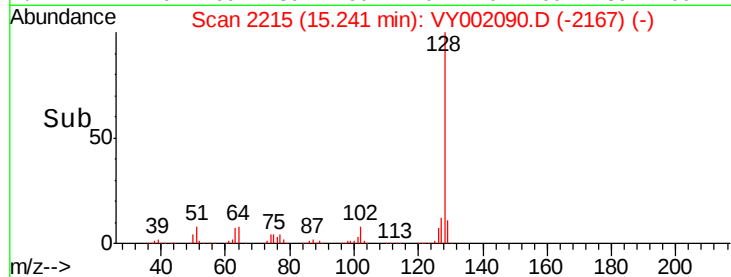
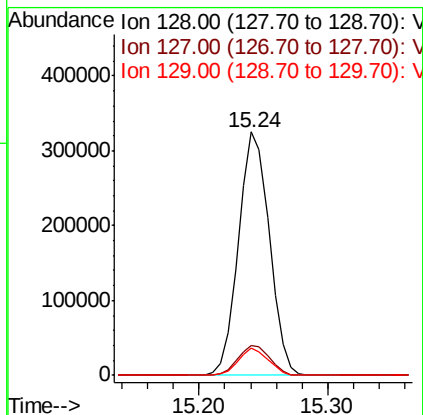
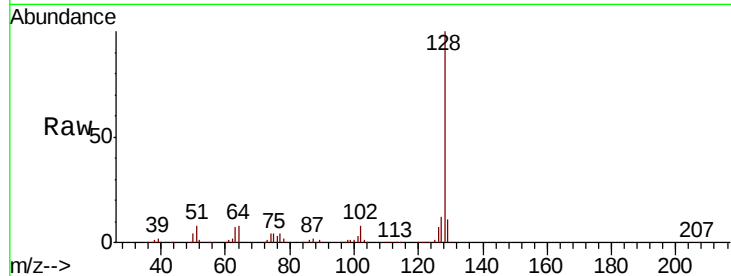




#95
Naphthalene
Concen: 101.890 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 538171
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 102.248 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.01 min
Lab File: VY002090.D
Acq: 26 Mar 2020 16:52

Tgt Ion:180 Resp: 201464
Ion Ratio Lower Upper
180 100
182 95.1 46.8 140.3
145 34.1 16.7 50.1

