

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002091.D
 Acq On : 26 Mar 2020 17:14
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 27 04:13:15 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	7.80	168	169770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	313986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120961	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	273445	149.20	ug/l	0.00
Spiked Amount			Recovery	=	298.40%	
35) Dibromofluoromethane	7.74	113	258687	150.02	ug/l	0.00
Spiked Amount			Recovery	=	300.04%	
50) Toluene-d8	10.19	98	1043682	143.42	ug/l	0.00
Spiked Amount			Recovery	=	286.84%	
62) 4-Bromofluorobenzene	12.49	95	360251	142.04	ug/l	0.00
Spiked Amount			Recovery	=	284.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	143965	96.850	ug/l	99
3) Chloromethane	2.12	50	243530	117.989	ug/l	99
4) Vinyl Chloride	2.26	62	257629	122.727	ug/l	100
5) Bromomethane	2.65	94	150363	106.929	ug/l	98
6) Chloroethane	2.80	64	167883	125.728	ug/l	99
7) Trichlorofluoromethane	3.13	101	372309	129.589	ug/l	97
8) Diethyl Ether	3.54	74	165159	144.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	249301	134.276	ug/l	98
10) Methyl Iodide	4.11	142	320685	149.571	ug/l	100
11) Tert butyl alcohol	4.99	59	154987	702.658	ug/l	97
12) 1,1-Dichloroethene	3.88	96	257197	137.631	ug/l	97
13) Acrolein	3.74	56	217179	818.763	ug/l	99
14) Allyl chloride	4.49	41	466444	139.420	ug/l	99
15) Acrylonitrile	5.19	53	434341	711.348	ug/l	99
16) Acetone	3.97	43	341342	651.217	ug/l	99
17) Carbon Disulfide	4.21	76	853098	135.991	ug/l	99
18) Methyl Acetate	4.50	43	192051	142.662	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	743304	145.881	ug/l	97
20) Methylene Chloride	4.74	84	299005	132.604	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	296949	139.375	ug/l	99
22) Diisopropyl ether	6.14	45	934895	136.167	ug/l	97
23) Vinyl Acetate	6.08	43	3161071	704.192	ug/l	98
24) 1,1-Dichloroethane	6.04	63	513696	138.630	ug/l	98
25) 2-Butanone	7.00	43	553680	694.295	ug/l	98
26) 2,2-Dichloropropane	7.00	77	417584	136.999	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	328416	141.553	ug/l	98
28) Bromochloromethane	7.35	49	246435	145.703	ug/l	96
29) Tetrahydrofuran	7.36	42	367798	692.908	ug/l	97
30) Chloroform	7.52	83	490042	140.831	ug/l	99
31) Cyclohexane	7.80	56	508601	128.376	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	410060	140.018	ug/l	99
36) 1,1-Dichloropropene	7.93	75	405924	135.499	ug/l	100
37) Ethyl Acetate	7.09	43	245111	141.166	ug/l	99
38) Carbon Tetrachloride	7.91	117	351593	137.004	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	534432	134.272	ug/l	98
40) Benzene	8.17	78	1211987	136.283	ug/l	99
41) Methacrylonitrile	7.36	41	324812	401.534	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	320405	139.643	ug/l	100
43) Isopropyl Acetate	8.28	43	468008	141.818	ug/l	100
44) Trichloroethene	8.95	130	294990	136.041	ug/l	95
45) 1,2-Dichloropropane	9.23	63	311544	139.052	ug/l	99
46) Dibromomethane	9.31	93	161755	140.105	ug/l	99
47) Bromodichloromethane	9.50	83	388052	144.328	ug/l	97
48) Methyl methacrylate	9.30	41	209870	144.382	ug/l	98
49) 1,4-Dioxane	9.31	88	45080	2860.994	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	1188207	699.415	ug/l	98
52) Toluene	10.25	92	741813	137.393	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	430430	147.079	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	500833	143.756	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	236035	139.434	ug/l	97
56) Ethyl methacrylate	10.52	69	362339	147.141	ug/l	96
57) 1,3-Dichloropropane	10.80	76	421270	139.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	917559	873.909	ug/l	99
59) 2-Hexanone	10.84	43	819773	677.792	ug/l	97
60) Dibromochloromethane	10.99	129	260554	146.751	ug/l	99
61) 1,2-Dibromoethane	11.10	107	227921	142.507	ug/l	98
64) Tetrachloroethene	10.72	164	229456	131.842	ug/l	99
65) Chlorobenzene	11.52	112	751505	136.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	253536	140.447	ug/l	99
67) Ethyl Benzene	11.60	91	1380678	134.482	ug/l	100
68) m/p-Xylenes	11.70	106	1015522	268.015	ug/l	100
69) o-Xylene	12.03	106	480006	134.280	ug/l	100
70) Styrene	12.05	104	851489	138.974	ug/l	99
71) Bromoform	12.21	173	146843	150.252	ug/l #	99
73) Isopropylbenzene	12.33	105	1290902	140.218	ug/l	100
74) N-amyl acetate	12.15	43	404785	143.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	287126	145.045	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	368132	253.903	ug/l #	100
77) Bromobenzene	12.61	156	274798	140.329	ug/l	99
78) n-propylbenzene	12.67	91	1570174	138.087	ug/l	100
79) 2-Chlorotoluene	12.76	91	876044	139.499	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1044728	137.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	109027	154.252	ug/l	99
82) 4-Chlorotoluene	12.86	91	906968	138.515	ug/l	99
83) tert-Butylbenzene	13.08	119	890180	140.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1029567	136.685	ug/l	99
85) sec-Butylbenzene	13.26	105	1278218	137.357	ug/l	100
86) p-Isopropyltoluene	13.38	119	1075371	133.897	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	504524	131.844	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	522080	134.588	ug/l	100
89) n-Butylbenzene	13.70	91	1120564	134.421	ug/l	100
90) Hexachloroethane	13.97	117	214549	141.642	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	480624	137.726	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	44737	144.555	ug/l	98

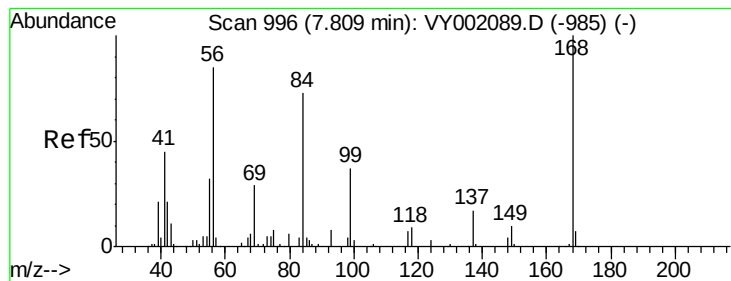
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	304935	135.394	ug/l	99
94) Hexachlorobutadiene	15.12	225	145418	131.635	ug/l	100
95) Naphthalene	15.24	128	772597	144.602	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	277772	139.366	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

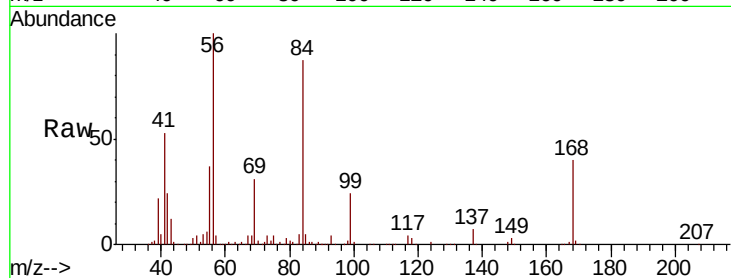
VSTDIC150

Tot Ion:168 Resp: 169770

Ion Ratio Lower Upper

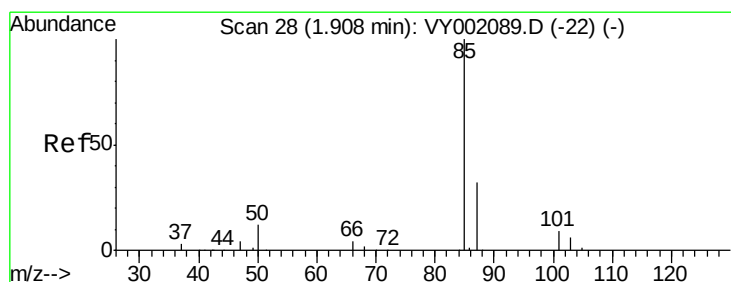
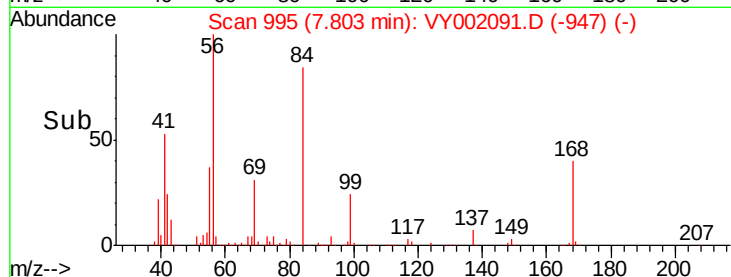
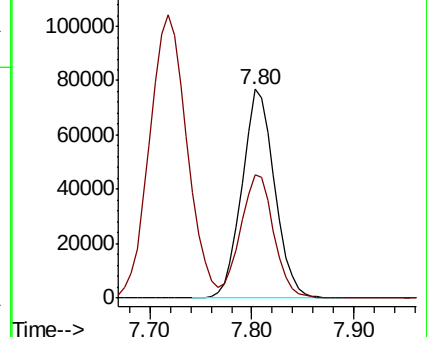
168 100

99 59.1 47.6 71.4



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

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 96.850 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002091.D

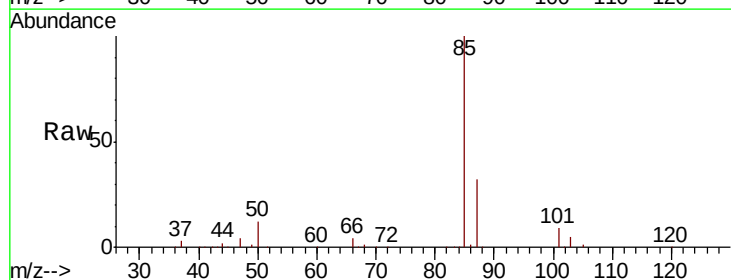
Acq: 26 Mar 2020 17:14

Tgt Ion: 85 Resp: 143965

Ion Ratio Lower Upper

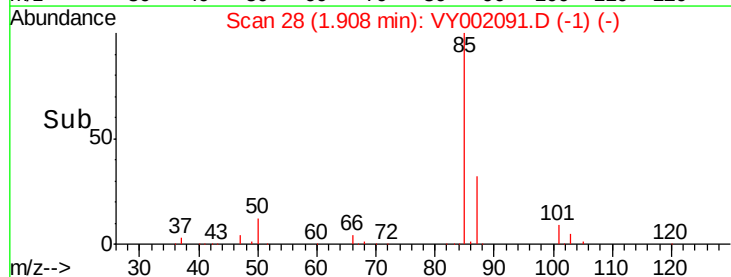
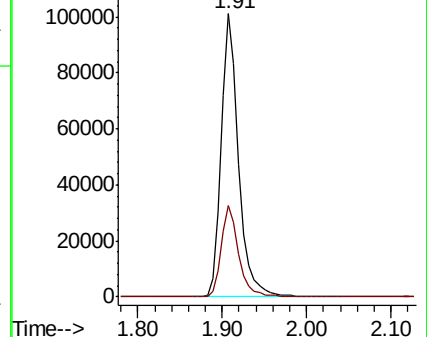
85 100

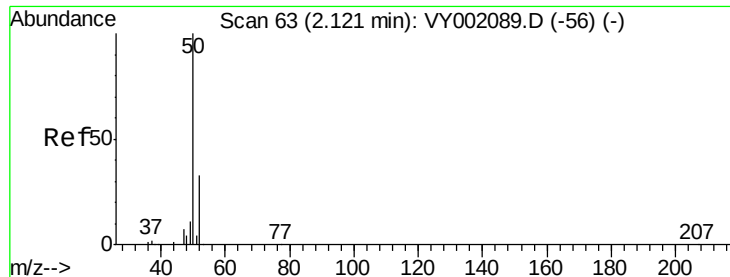
87 32.4 16.0 48.0



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

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)





#3

Chloromethane

Concen: 117.989 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

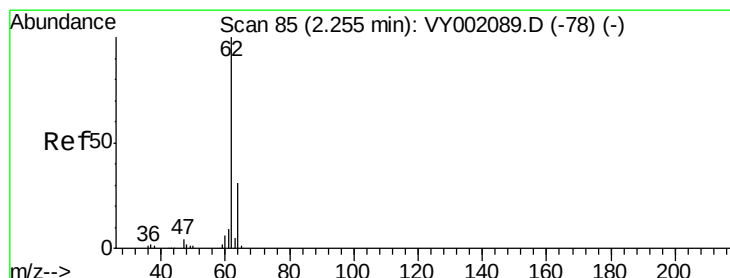
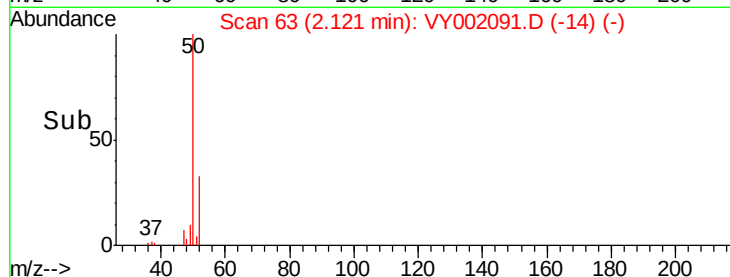
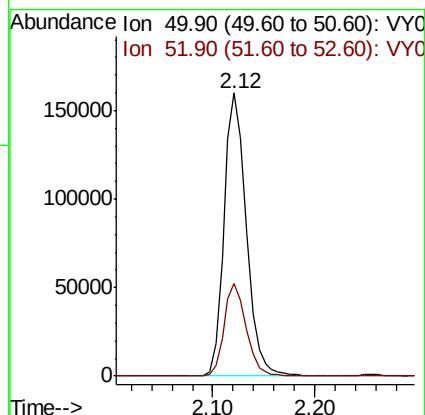
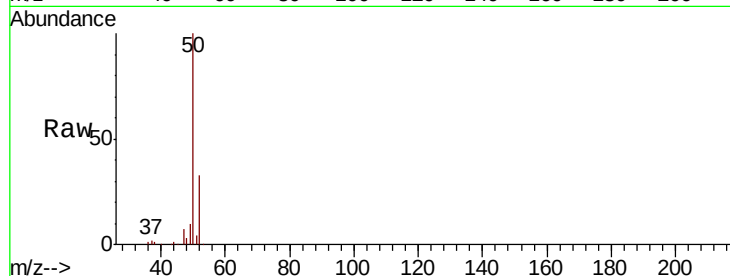
VSTDIC150

Tot Ion: 50 Resp: 243530

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 122.727 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002091.D

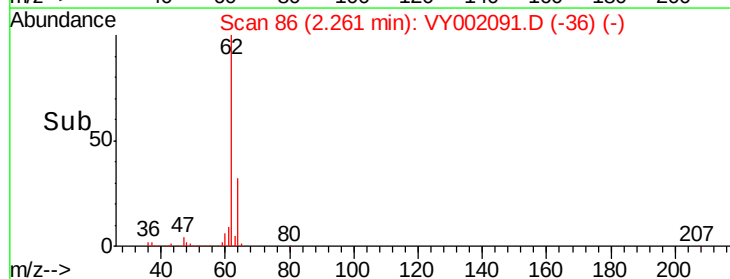
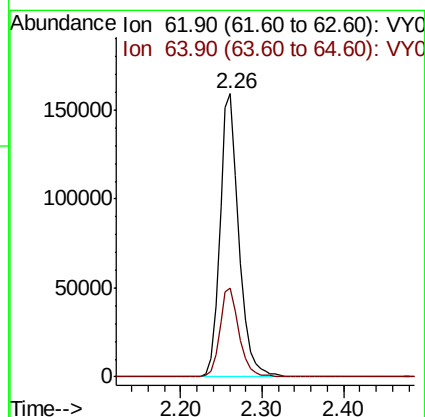
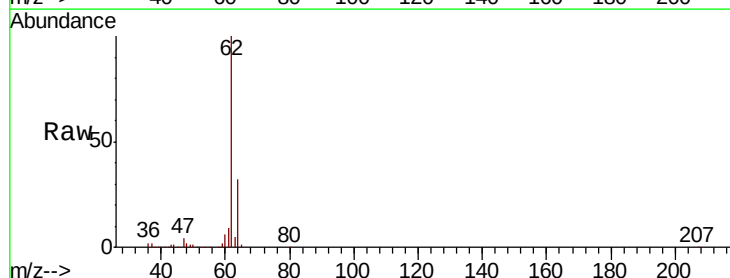
Acq: 26 Mar 2020 17:14

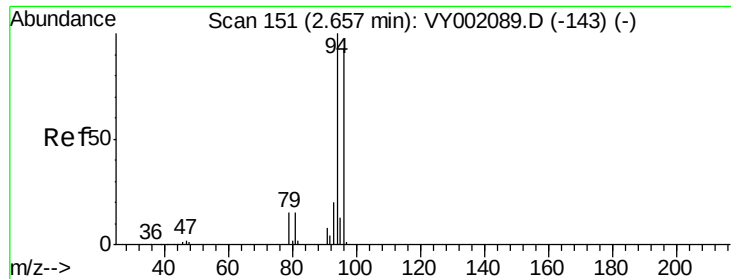
Tgt Ion: 62 Resp: 257629

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 106.929 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

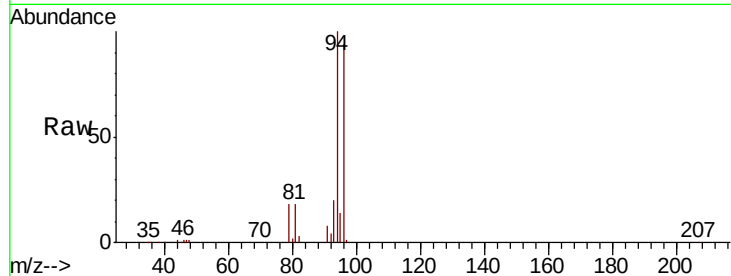
VSTDIC150

Tot Ion: 94 Resp: 150363

Ion Ratio Lower Upper

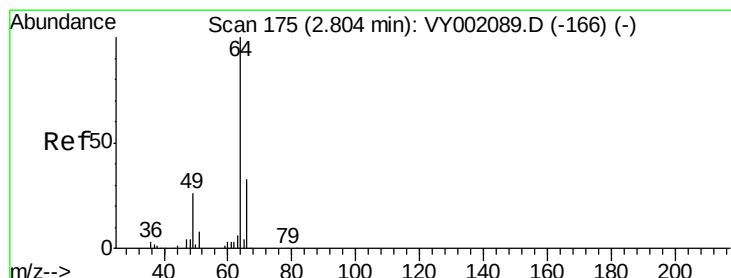
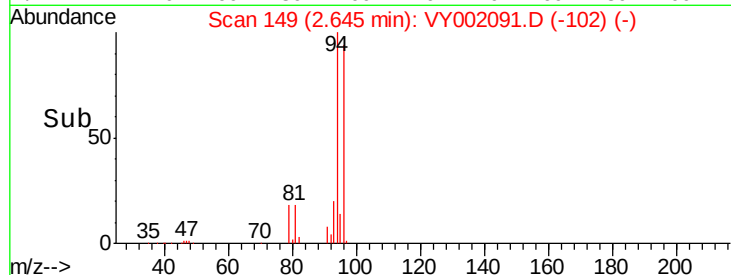
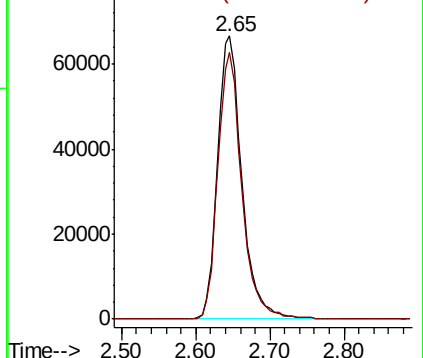
94 100

96 94.1 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 125.728 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002091.D

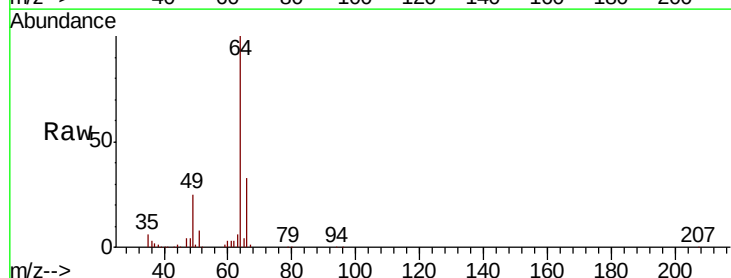
Acq: 26 Mar 2020 17:14

Tgt Ion: 64 Resp: 167883

Ion Ratio Lower Upper

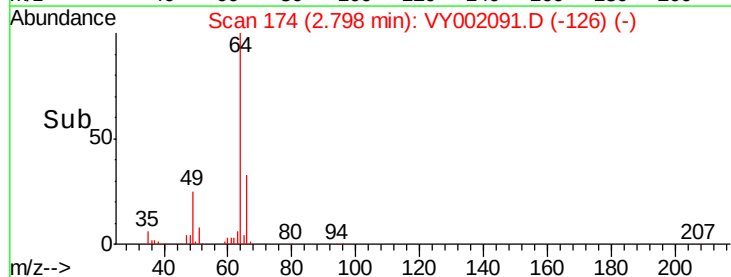
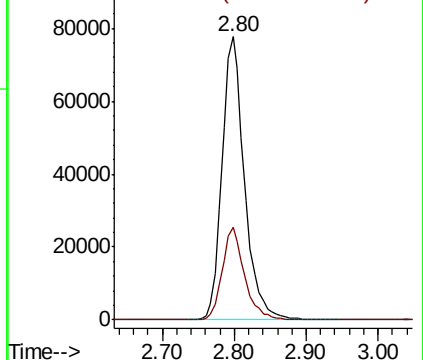
64 100

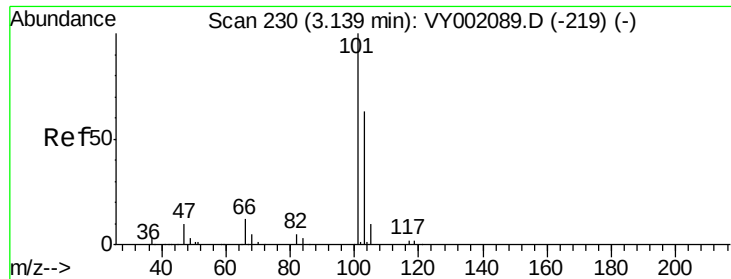
66 32.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



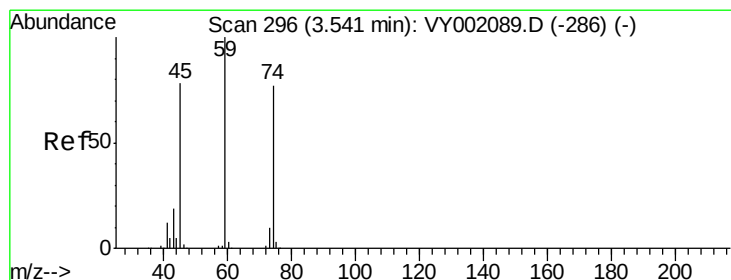
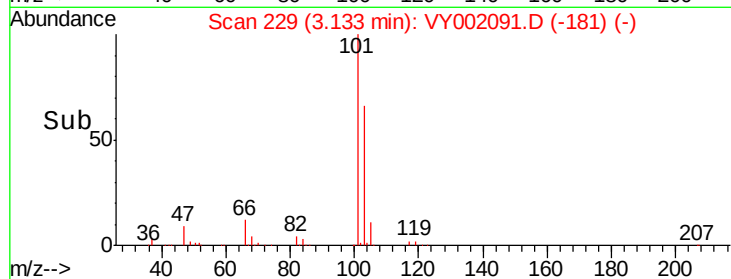
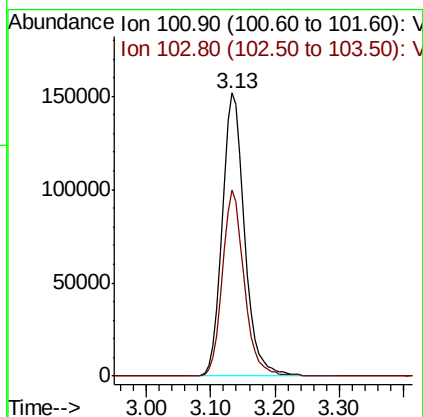
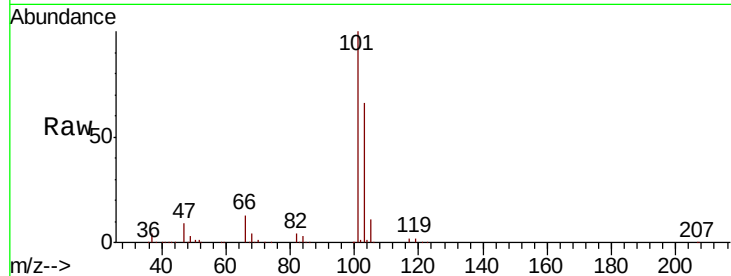


#7

Trichlorofluoromethane
 Concen: 129.589 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Instrument :
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 VSTDIC150

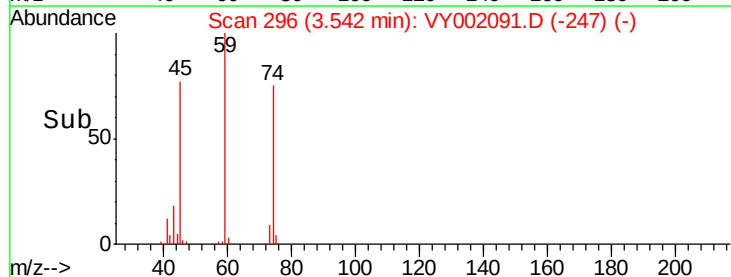
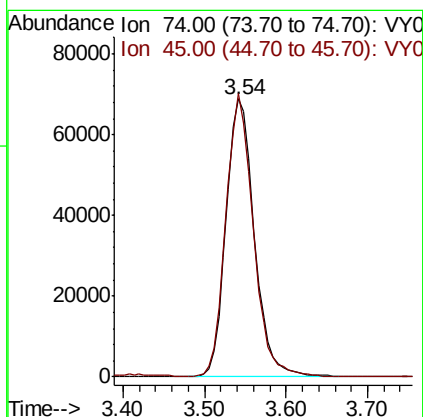
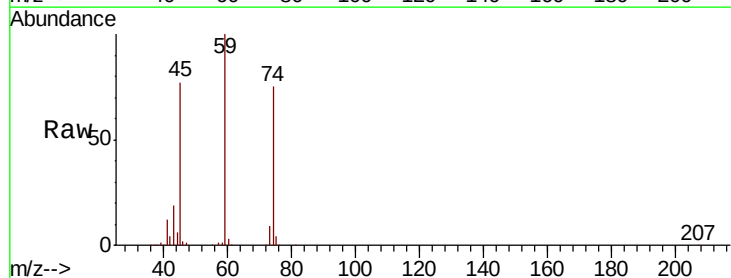
Tot Ion:101 Resp: 372309
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.6 76.0

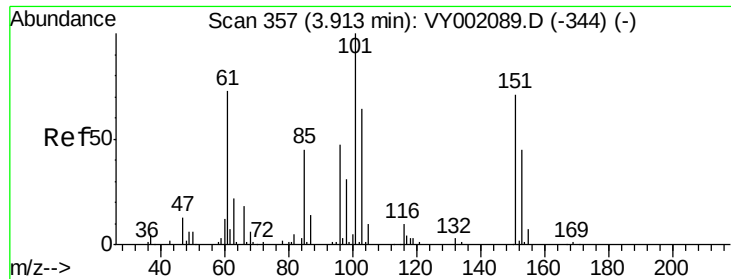


#8

Diethyl Ether
 Concen: 144.642 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 74 Resp: 165159
 Ion Ratio Lower Upper
 74 100
 45 99.2 51.0 153.0

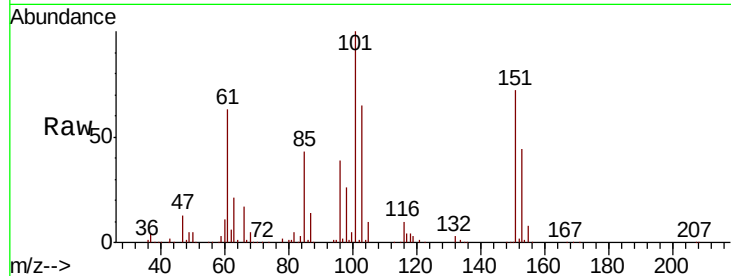




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 134.276 ug/l
 RT: 3.91 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.8	35.9	53.9
151	70.1	57.5	86.3

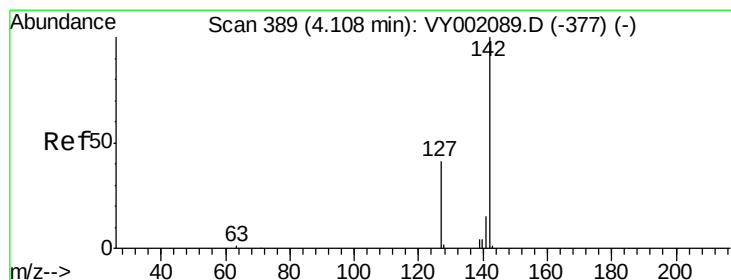
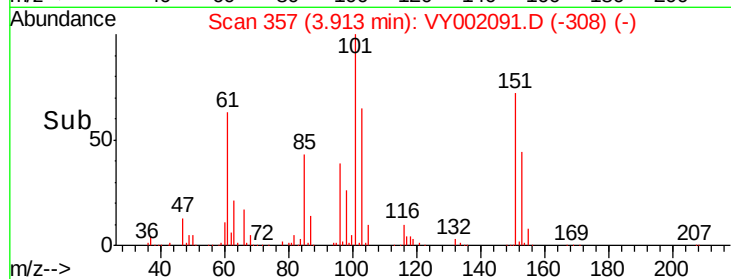
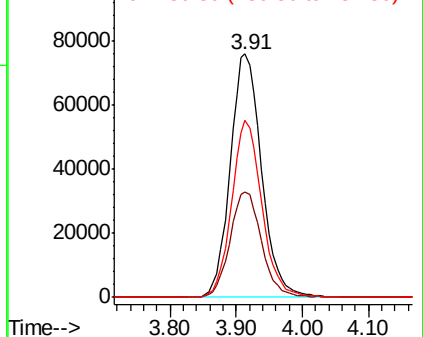


Abundance

Ion 100.90 (100.60 to 101.60): V

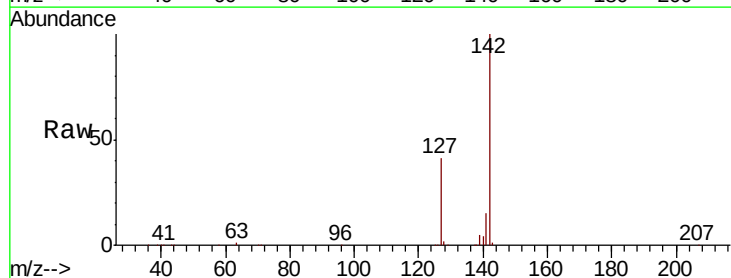
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 149.571 ug/l
 RT: 4.11 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.8	32.6	49.0
141	14.3	11.4	17.0

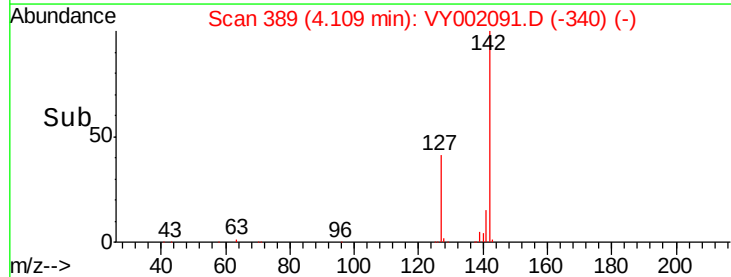
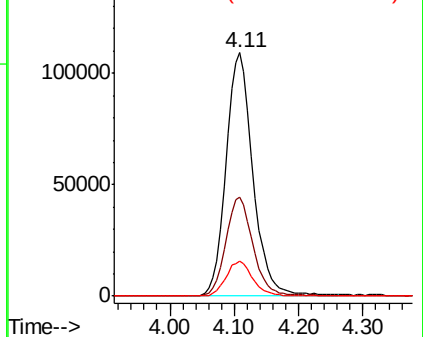


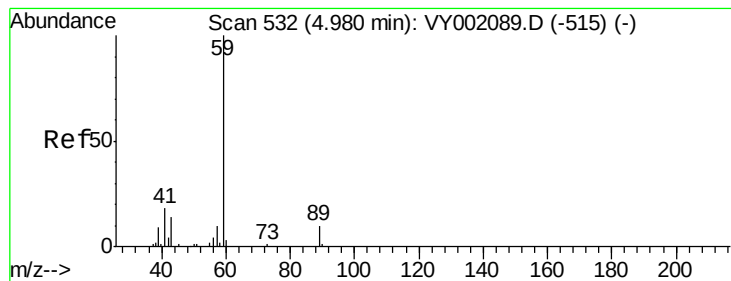
Abundance

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



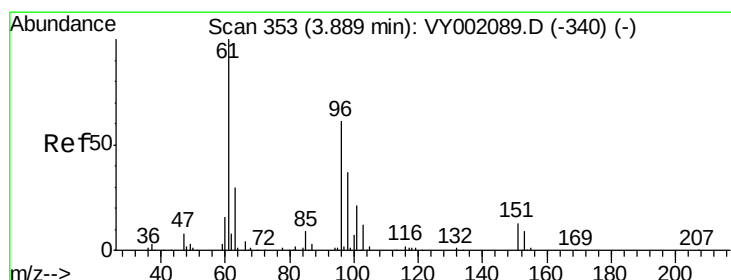
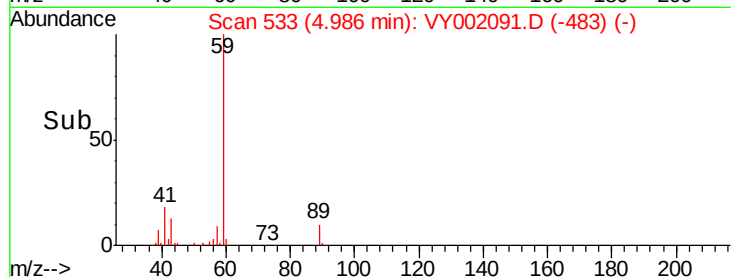
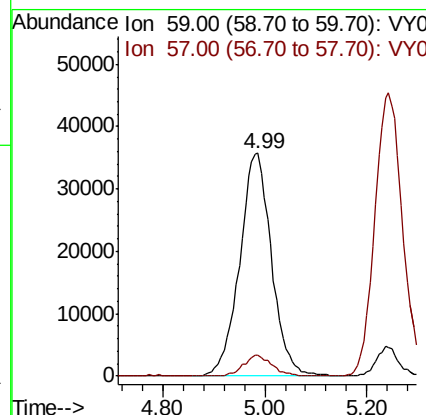
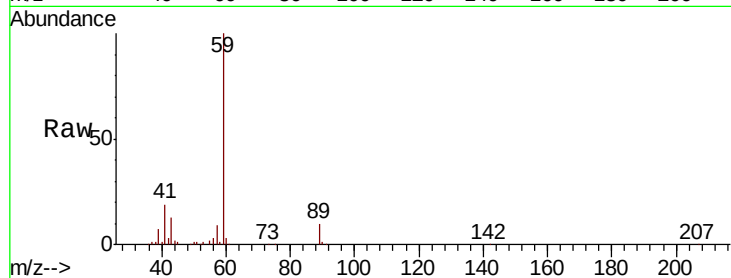


#11

Tert butyl alcohol
 Concen: 702.658 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

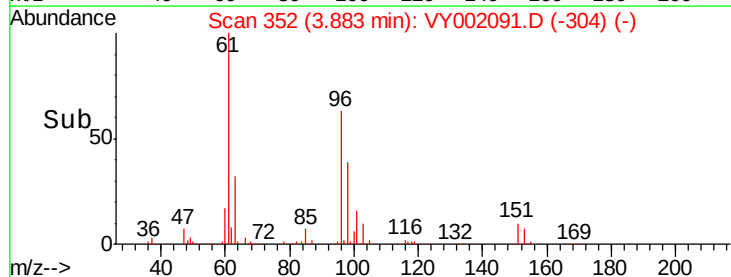
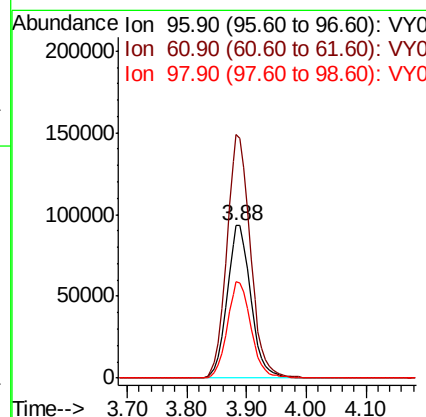
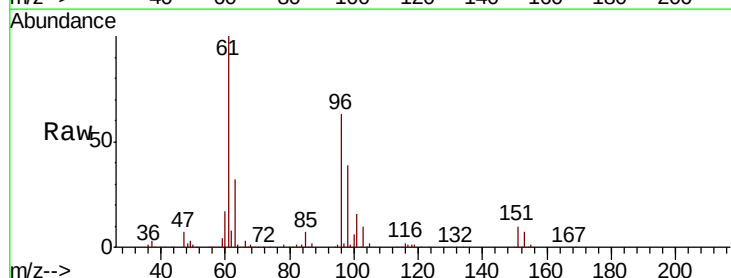
Tot Ion: 59 Resp: 154987
 Ion Ratio Lower Upper
 59 100
 57 8.5 7.7 11.5

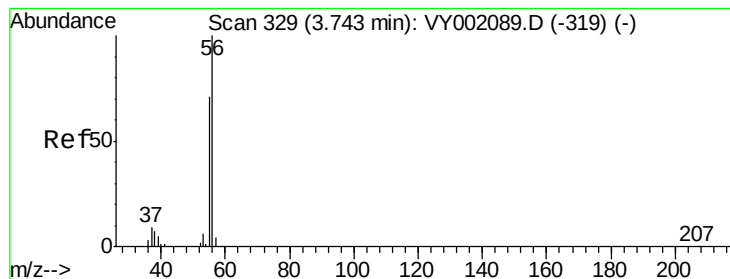


#12

1,1-Dichloroethene
 Concen: 137.631 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 96 Resp: 257197
 Ion Ratio Lower Upper
 96 100
 61 159.8 132.0 198.0
 98 62.9 49.4 74.0





#13

Acrolein

Concen: 818.763 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

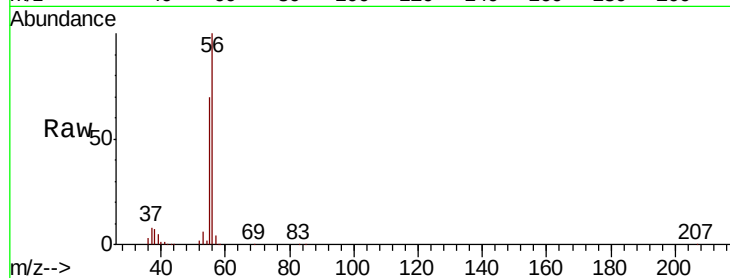
VSTDIC150

Tot Ion: 56 Resp: 217179

Ion Ratio Lower Upper

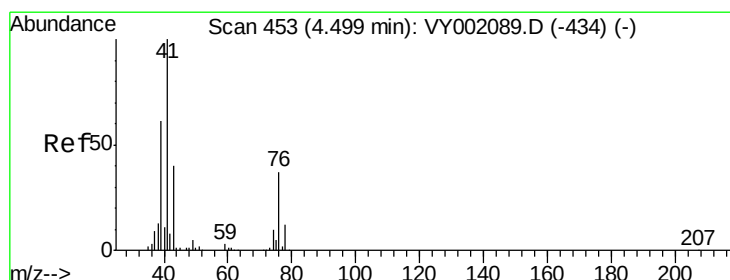
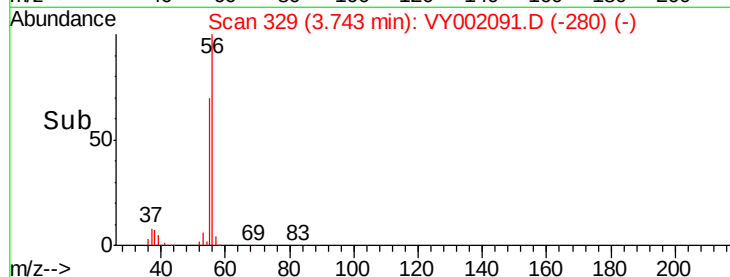
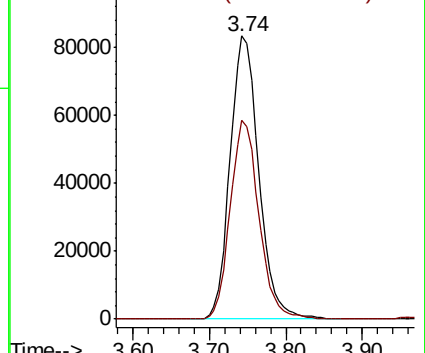
56 100

55 70.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 139.420 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

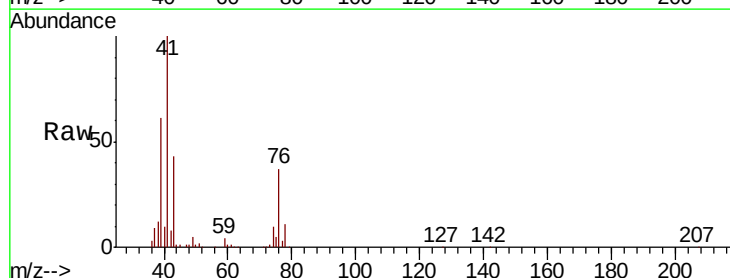
Tgt Ion: 41 Resp: 466444

Ion Ratio Lower Upper

41 100

39 60.9 49.0 73.4

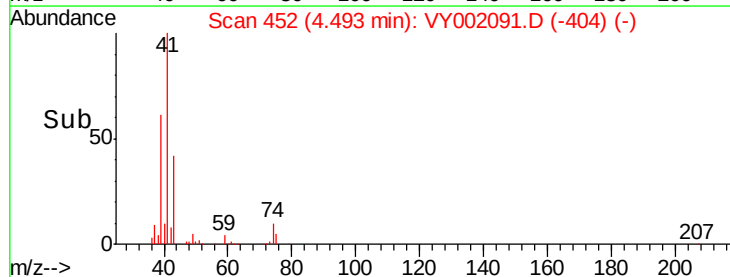
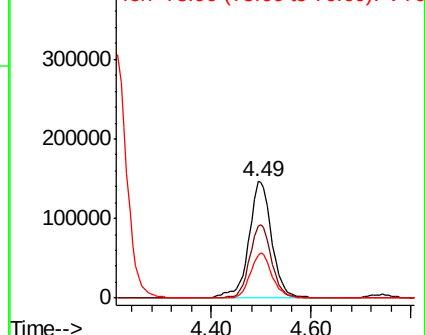
76 36.8 27.8 41.8

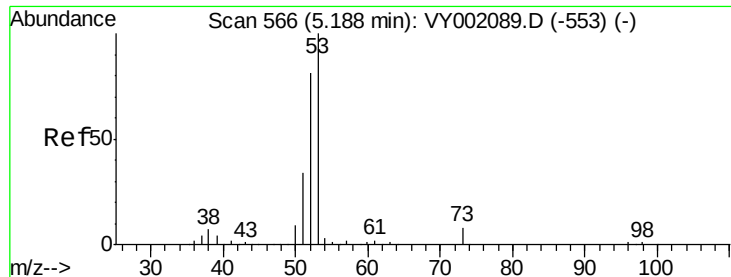


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 711.348 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

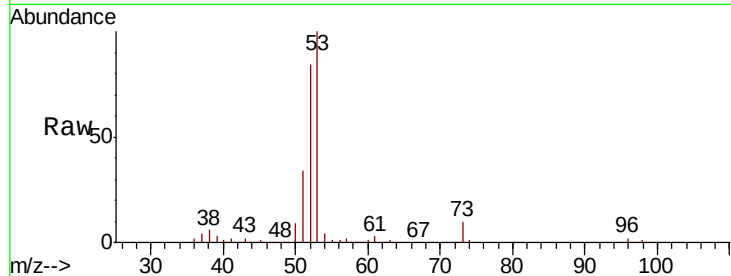
Tot Ion: 53 Resp: 434341

Ion Ratio Lower Upper

53 100

52 81.6 64.6 97.0

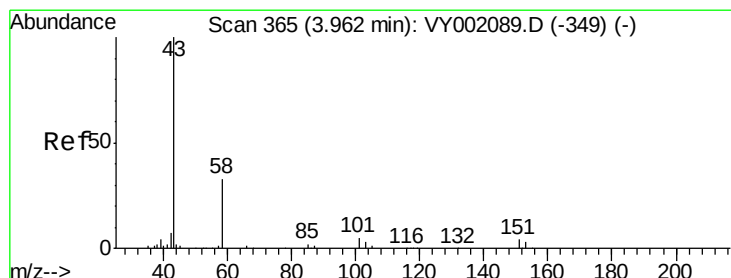
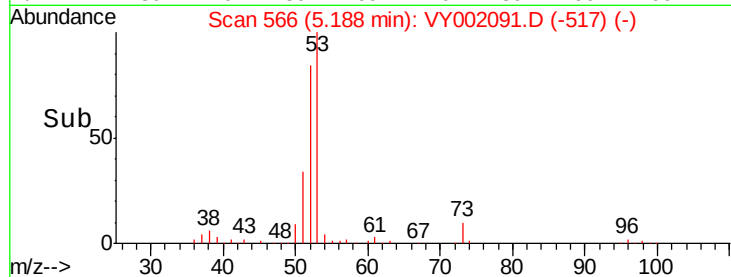
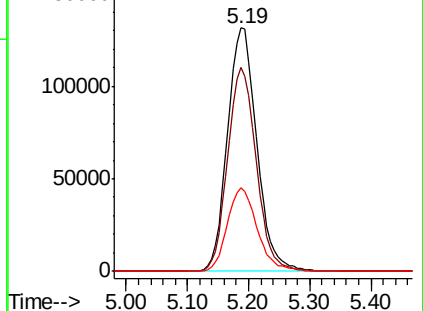
51 34.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 651.217 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002091.D

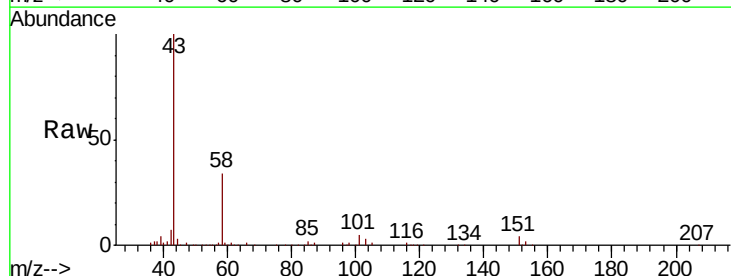
Acq: 26 Mar 2020 17:14

Tgt Ion: 43 Resp: 341342

Ion Ratio Lower Upper

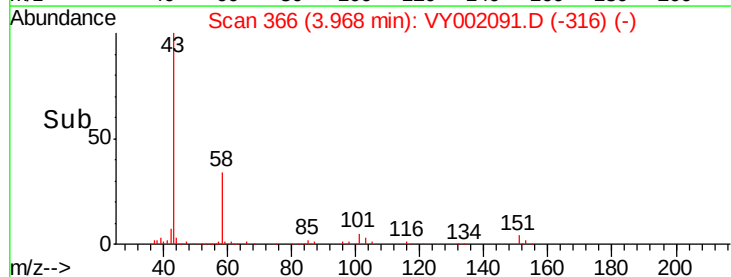
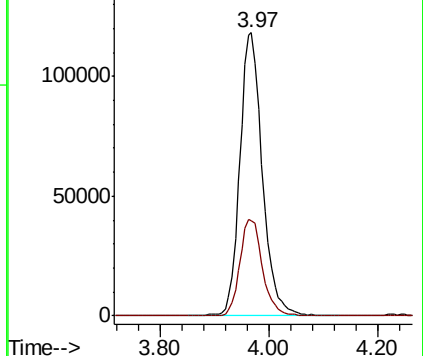
43 100

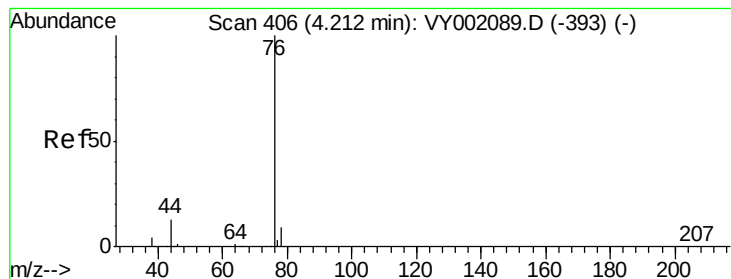
58 33.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 135.991 ug/l

RT: 4.21 min Scan# 406

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

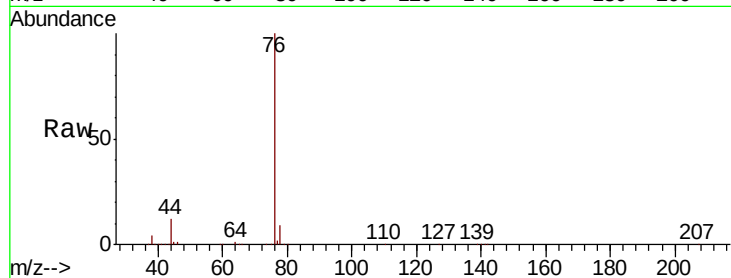
VSTDIC150

Tot Ion: 76 Resp: 853098

Ion Ratio Lower Upper

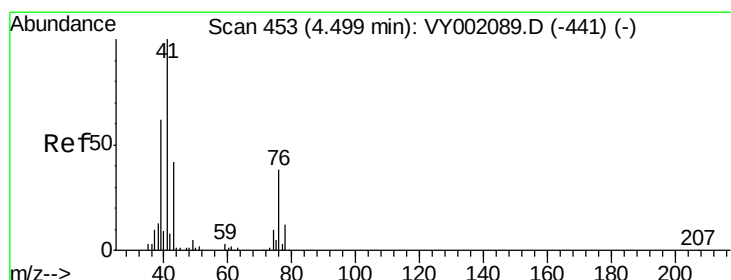
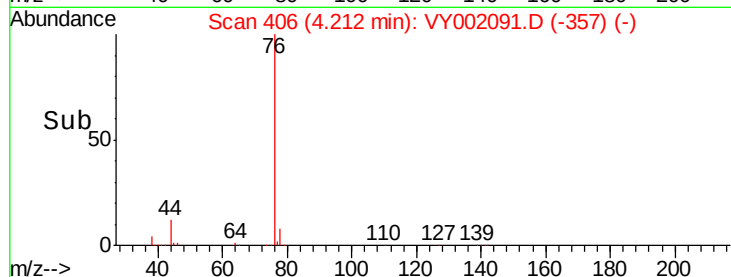
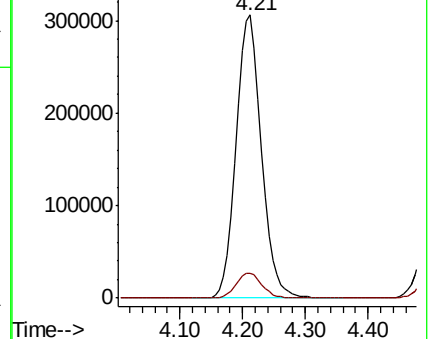
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002089.D (-393) (-)

Ion 77.90 (77.60 to 78.60): VY002089.D (-393) (-)



#18

Methyl Acetate

Concen: 142.662 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002091.D

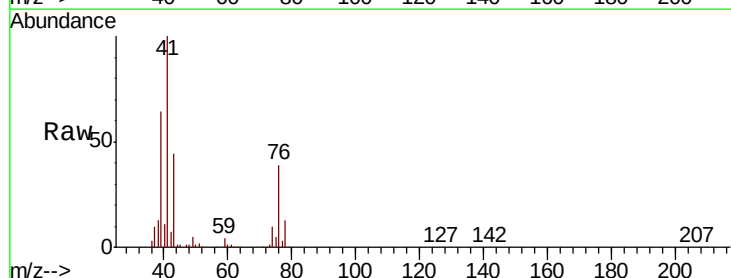
Acq: 26 Mar 2020 17:14

Tgt Ion: 43 Resp: 192051

Ion Ratio Lower Upper

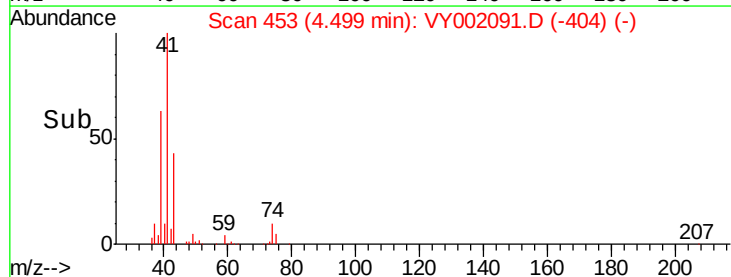
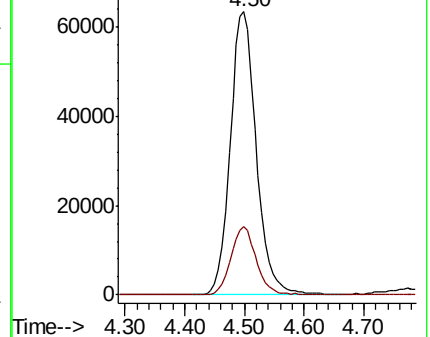
43 100

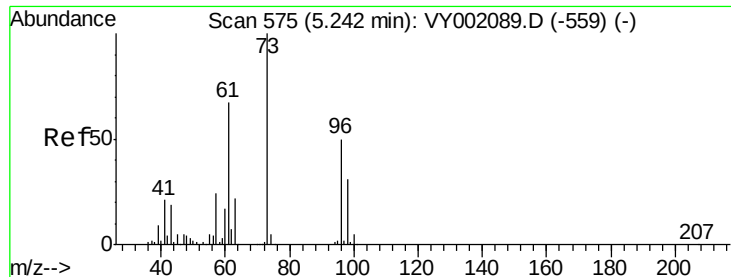
74 23.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-441) (-)

Ion 74.00 (73.70 to 74.70): VY002089.D (-441) (-)



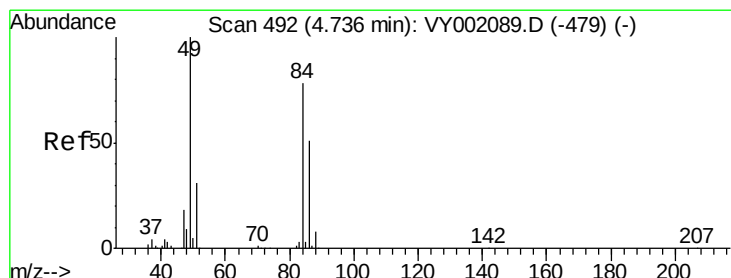
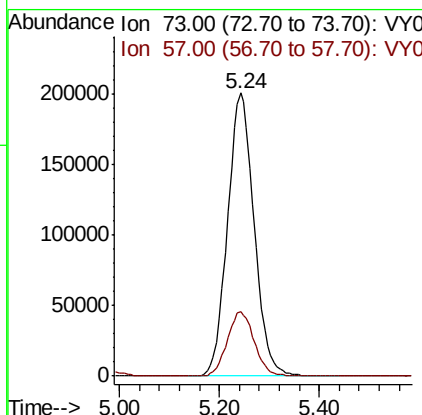
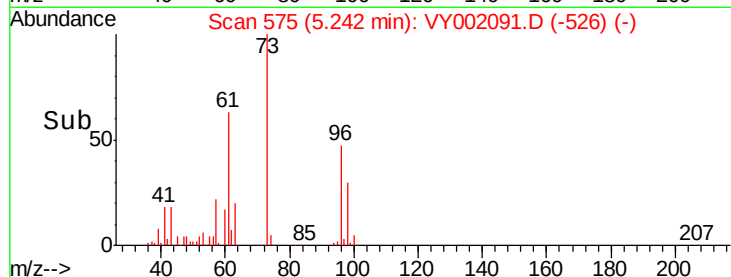
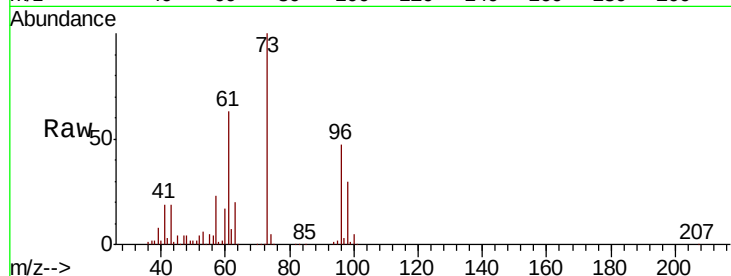


#19

Methyl tert-butyl Ether
 Concen: 145.881 ug/l
 RT: 5.24 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

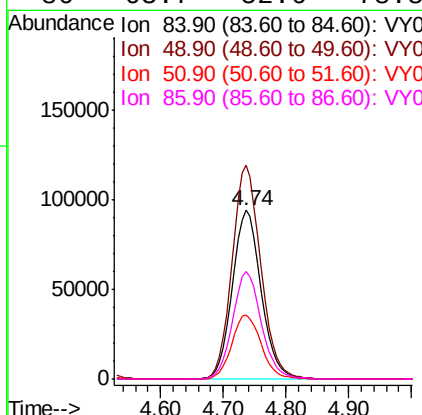
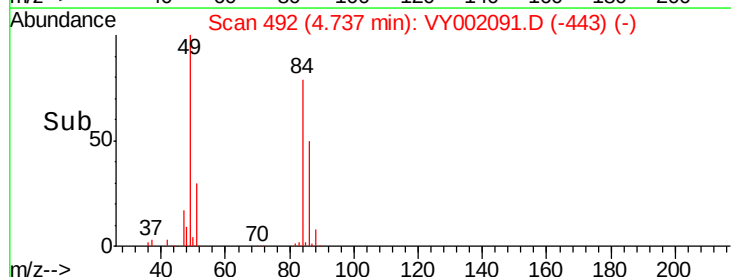
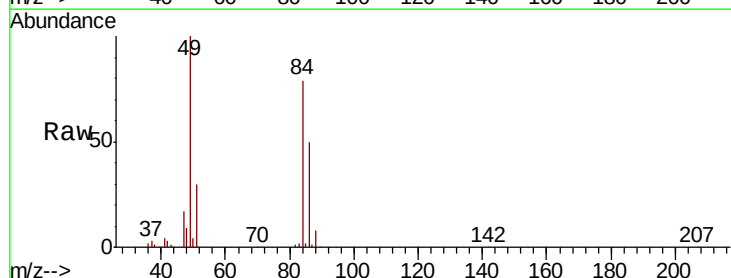
Tot Ion: 73 Resp: 743304
 Ion Ratio Lower Upper
 73 100
 57 22.6 19.0 28.6

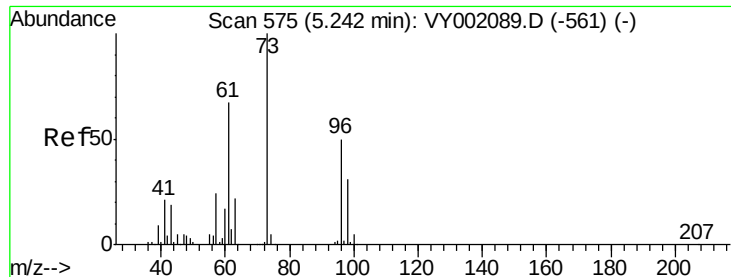


#20

Methylene Chloride
 Concen: 132.604 ug/l
 RT: 4.74 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 84 Resp: 299005
 Ion Ratio Lower Upper
 84 100
 49 126.8 102.2 153.4
 51 37.8 31.2 46.8
 86 63.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 139.375 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

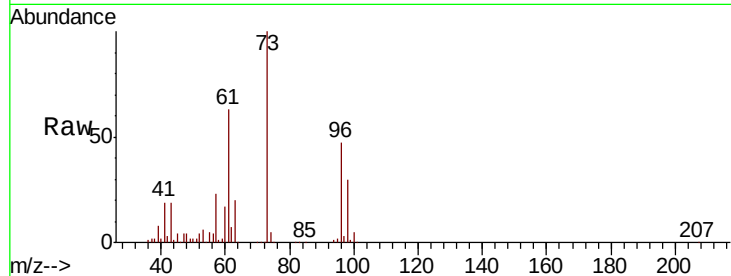
Tot Ion: 96 Resp: 296949

Ion Ratio Lower Upper

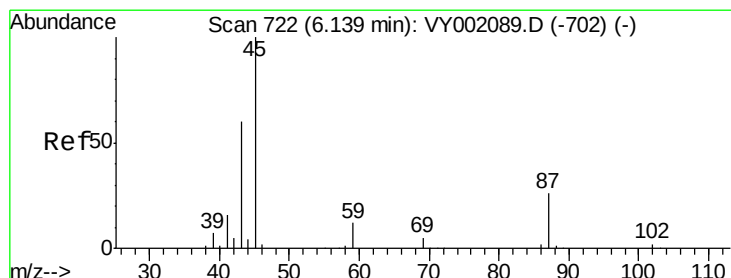
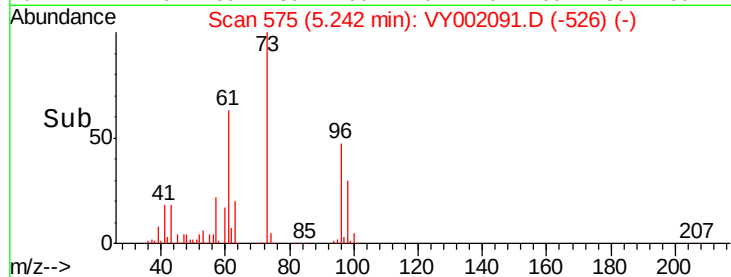
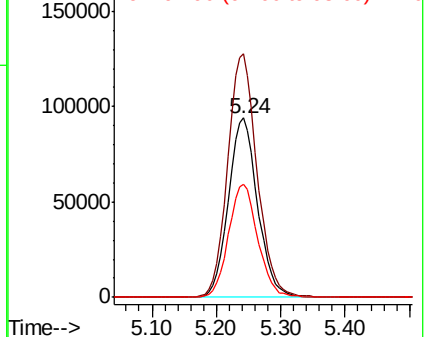
96 100

61 135.6 107.7 161.5

98 63.1 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: 136.167 ug/l

RT: 6.14 min Scan# 722

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Tgt Ion: 45 Resp: 934895

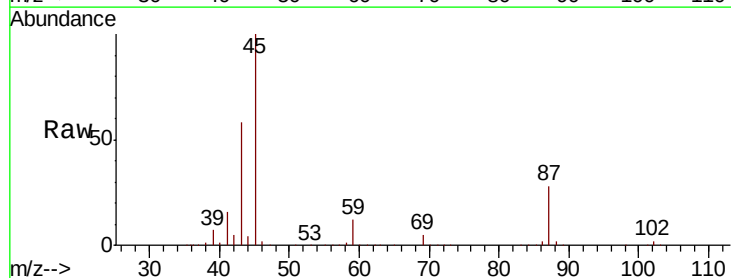
Ion Ratio Lower Upper

45 100

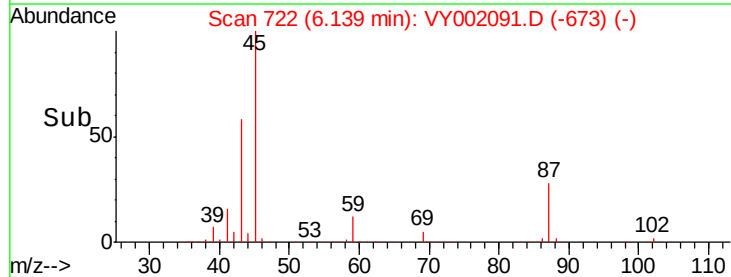
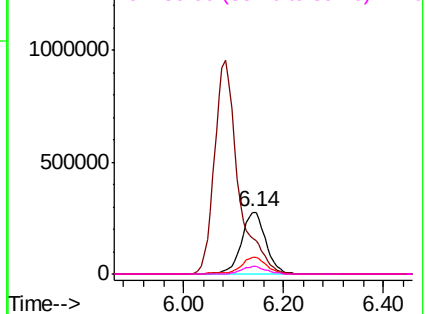
43 58.0 48.1 72.1

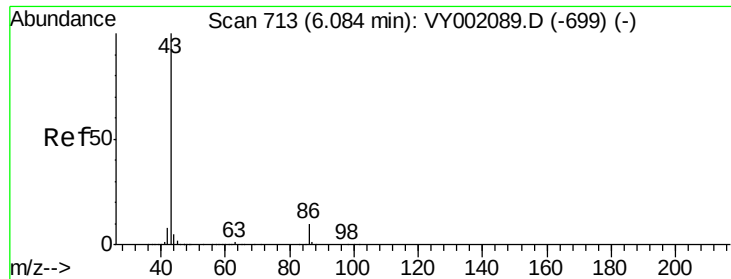
87 27.6 21.1 31.7

59 12.1 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: 704.192 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

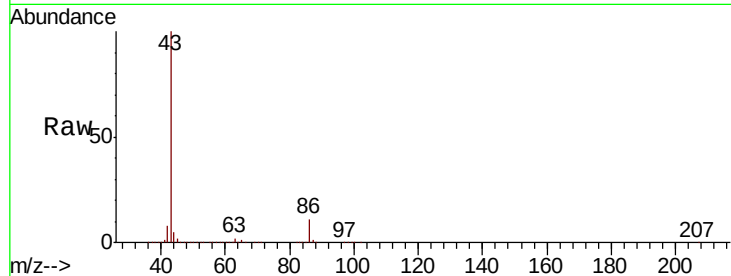
VSTDIC150

Tot Ion: 43 Resp: 3161071

Ion Ratio Lower Upper

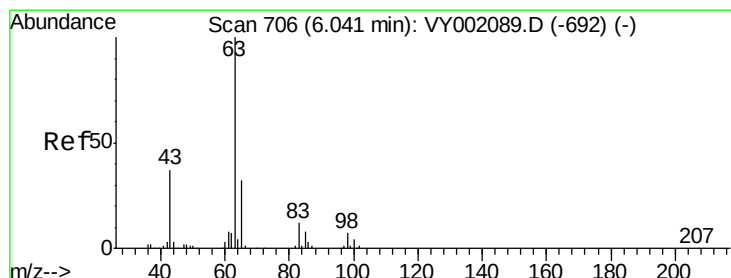
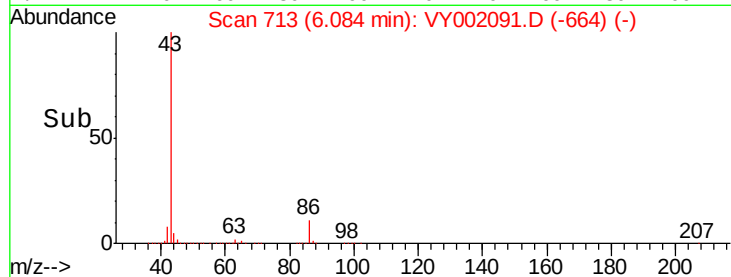
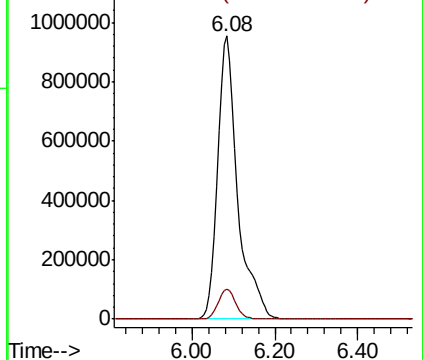
43 100

86 10.7 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: 138.630 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

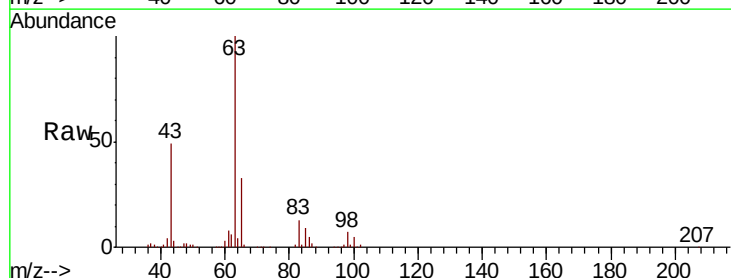
Tgt Ion: 63 Resp: 513696

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

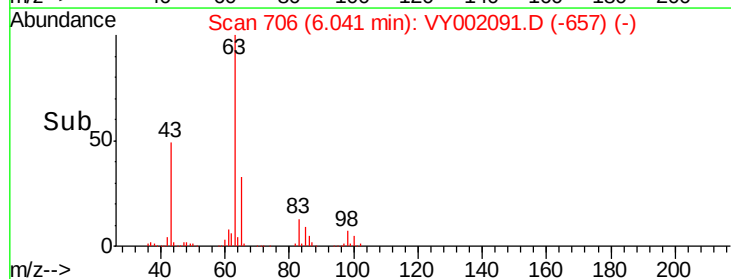
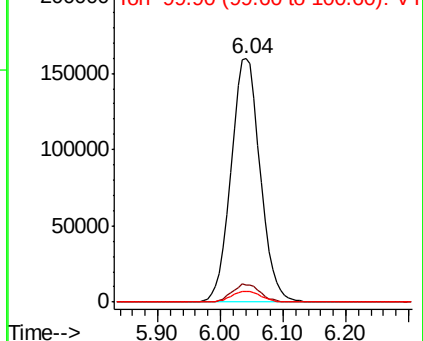
100 4.6 1.8 5.5

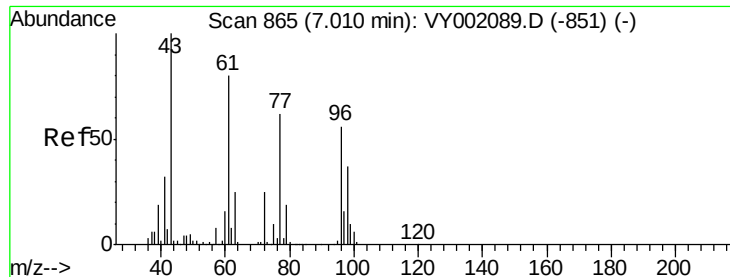


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

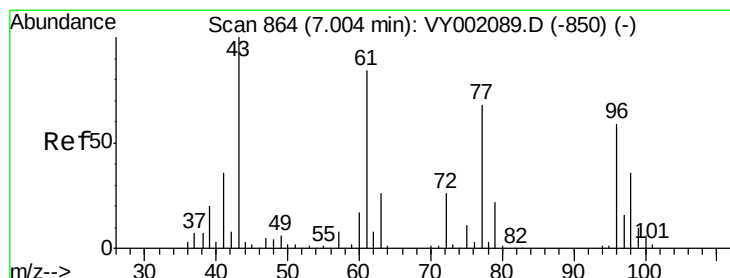
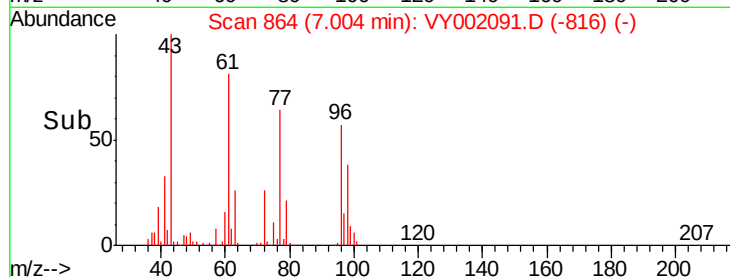
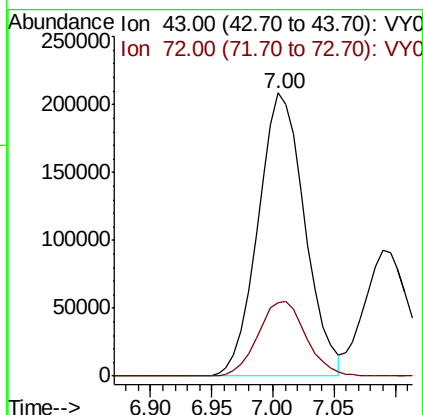
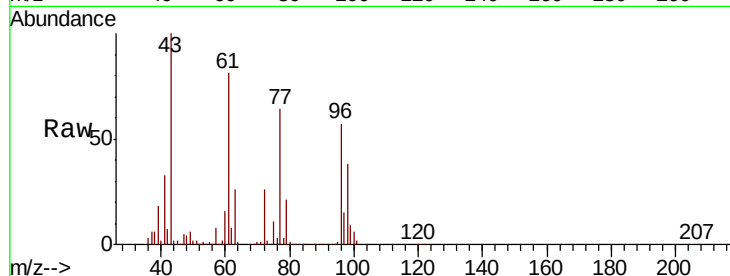




#25
2-Butanone
Concen: 694.295 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

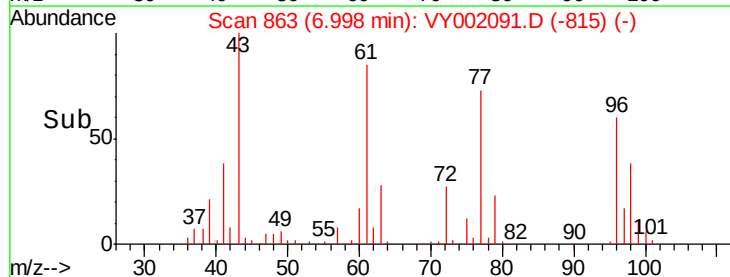
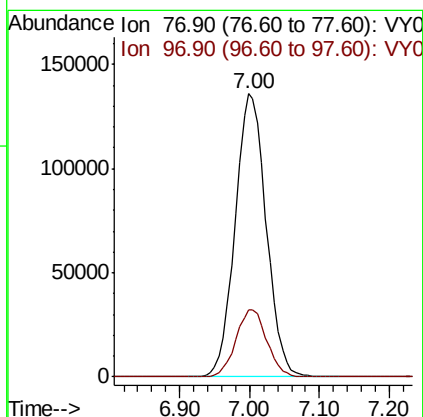
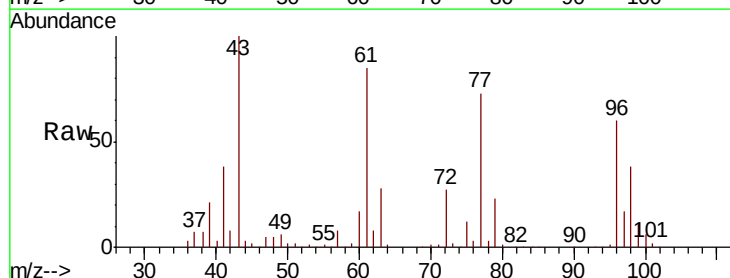
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

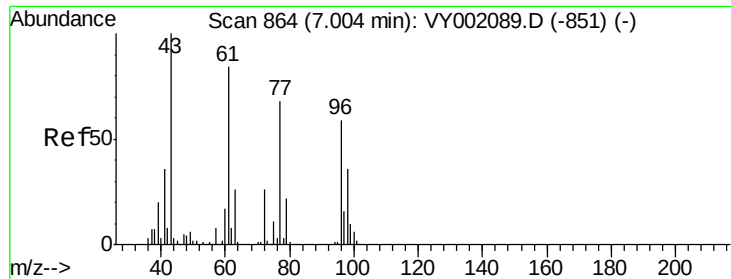
Tot Ion: 43 Resp: 553680
Ion Ratio Lower Upper
43 100
72 26.1 20.2 30.2



#26
2,2-Dichloropropane
Concen: 136.999 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 77 Resp: 417584
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1



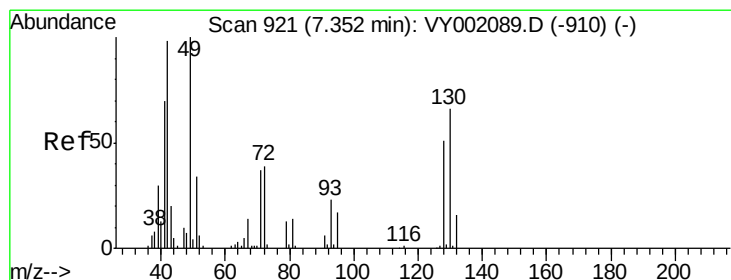
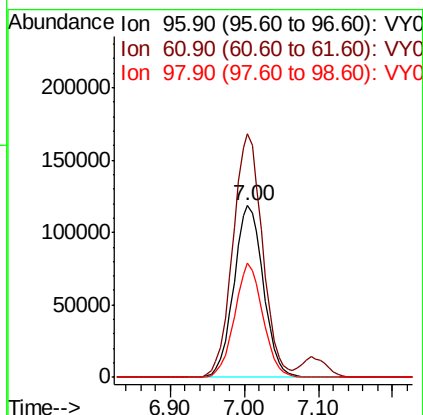
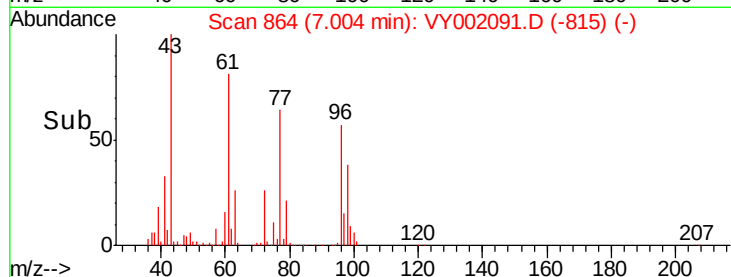
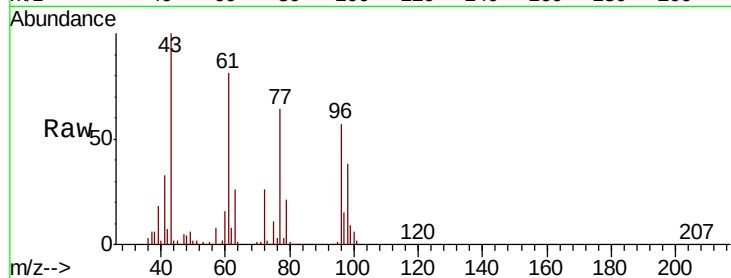


#27

cis-1,2-Dichloroethene
Concen: 141.553 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

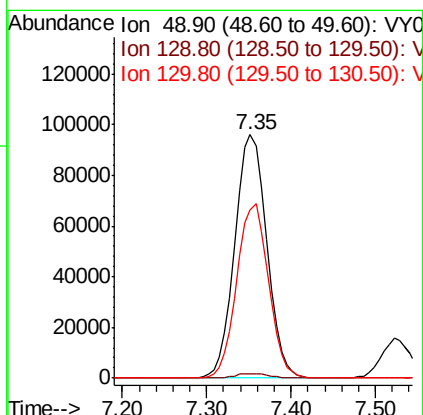
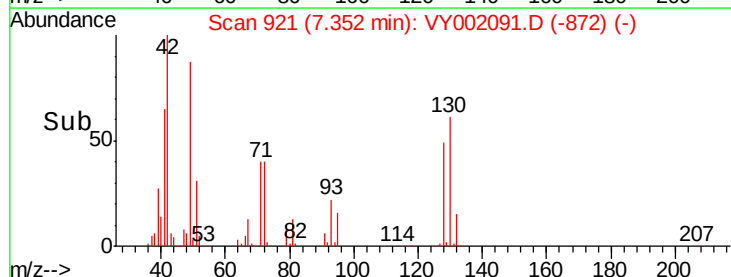
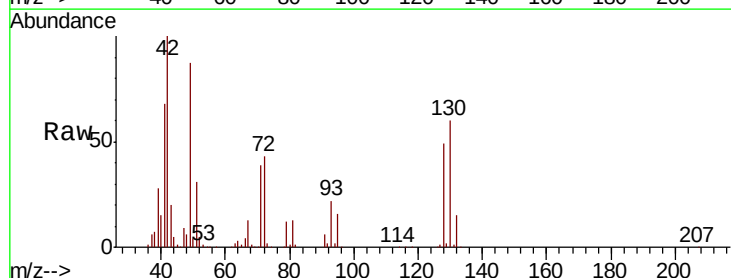
Tot Ion: 96 Resp: 328416
Ion Ratio Lower Upper
96 100
61 142.5 0.0 290.6
98 64.2 0.0 128.0

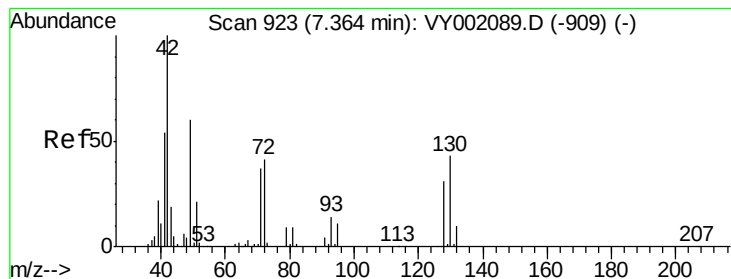


#28

Bromochloromethane
Concen: 145.703 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 49 Resp: 246435
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 71.2 54.1 81.1





#29

Tetrahydrofuran

Concen: 692.908 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

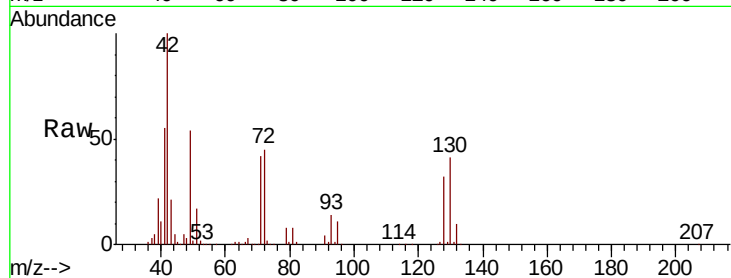
Tot Ion: 42 Resp: 367798

Ion Ratio Lower Upper

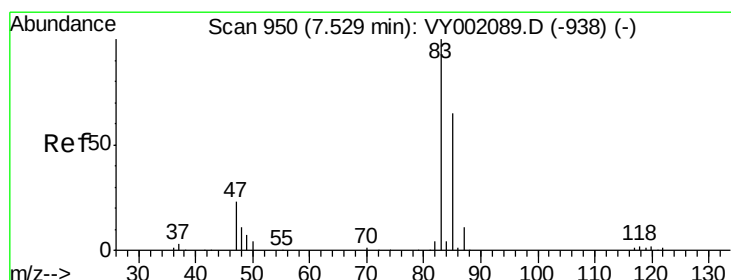
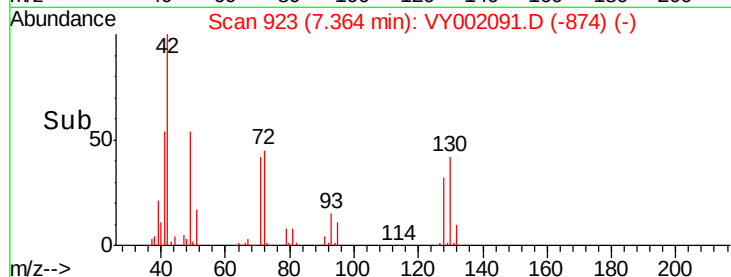
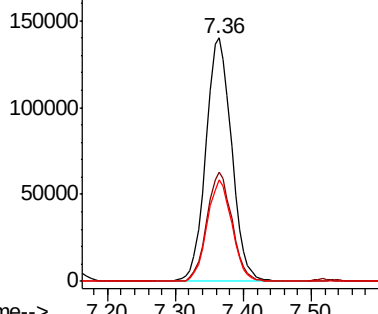
42 100

72 44.0 33.0 49.4

71 40.5 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: 140.831 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.01 min

Lab File: VY002091.D

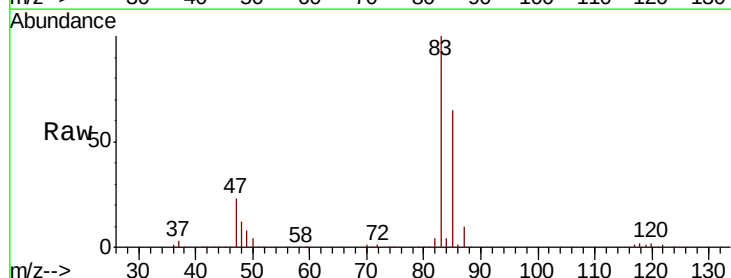
Acq: 26 Mar 2020 17:14

Tgt Ion: 83 Resp: 490042

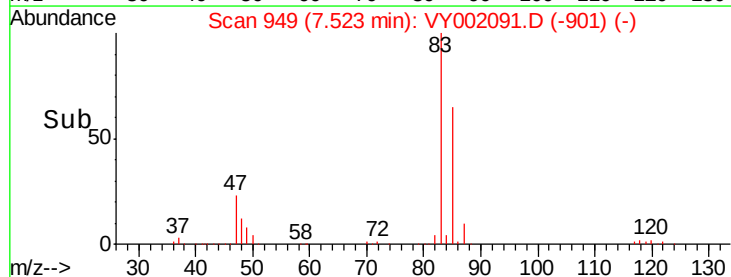
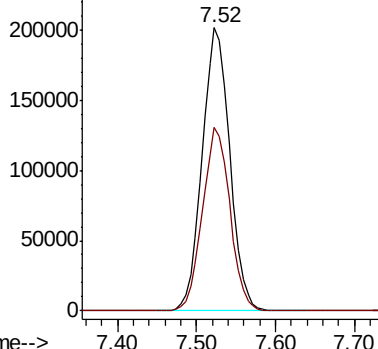
Ion Ratio Lower Upper

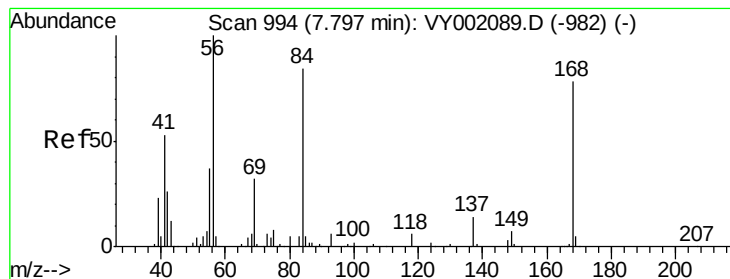
83 100

85 64.8 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: 128.376 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

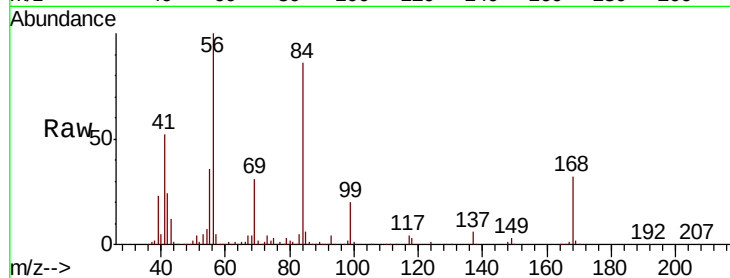
Tot Ion: 56 Resp: 508601

Ion Ratio Lower Upper

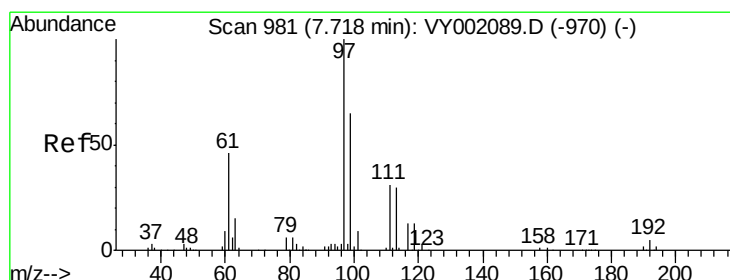
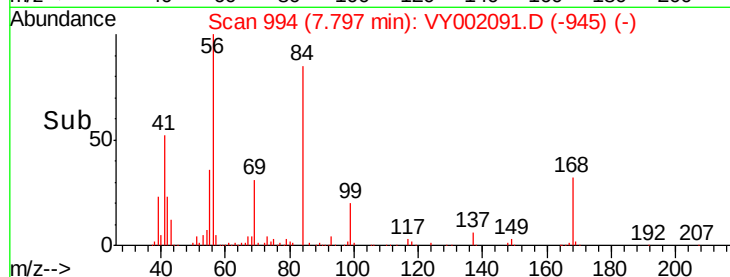
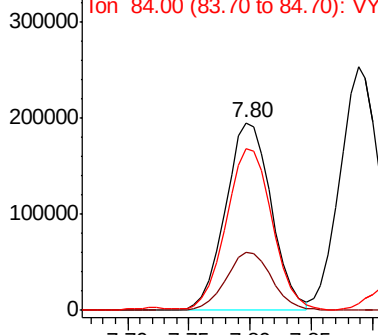
56 100

69 30.7 25.8 38.8

84 85.2 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 140.018 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

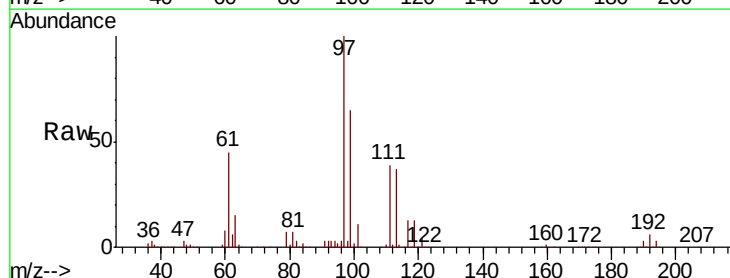
Tgt Ion: 97 Resp: 410060

Ion Ratio Lower Upper

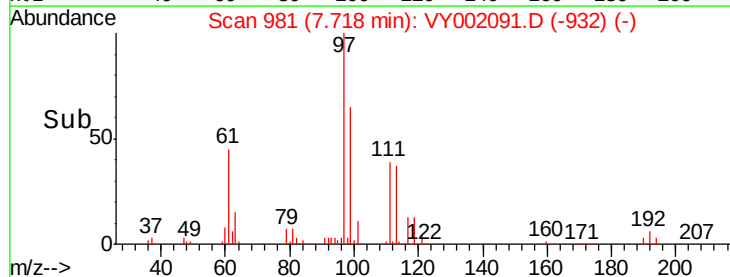
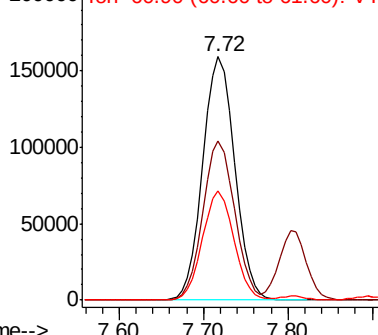
97 100

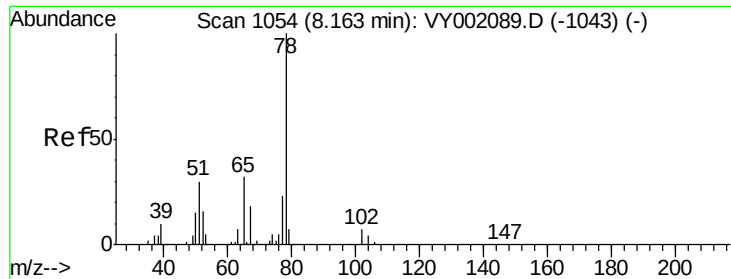
99 64.7 52.0 78.0

61 44.0 35.7 53.5



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

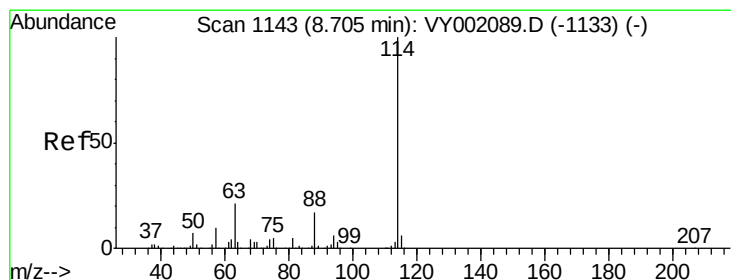
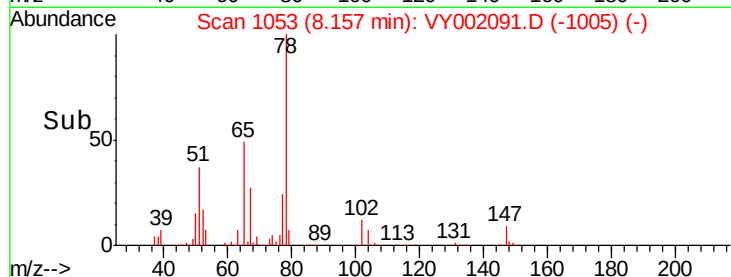
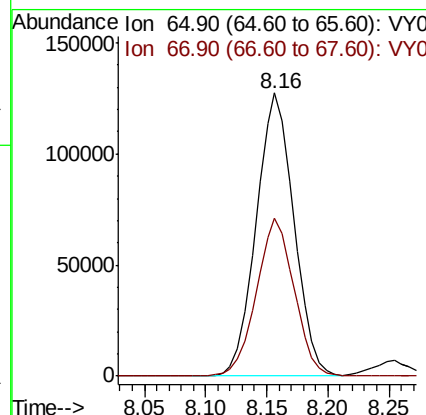
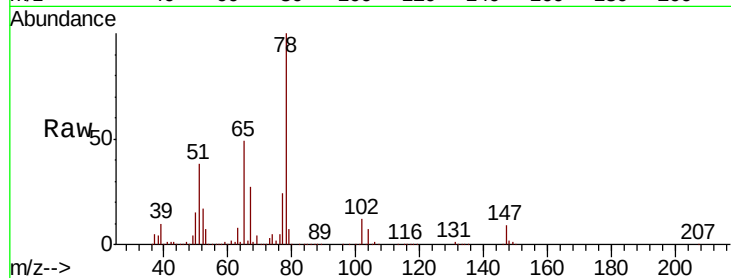




#33
 1,2-Dichloroethane-d4
 Concen: 149.199 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

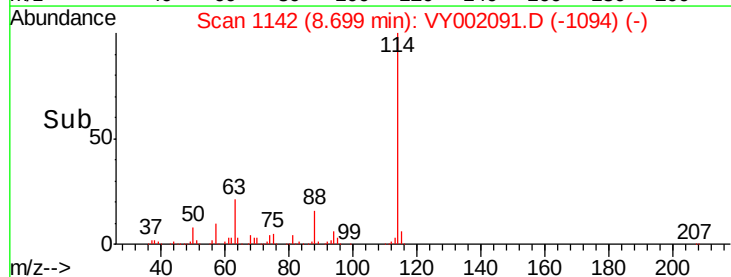
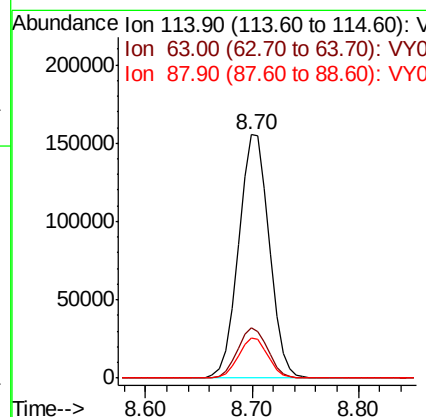
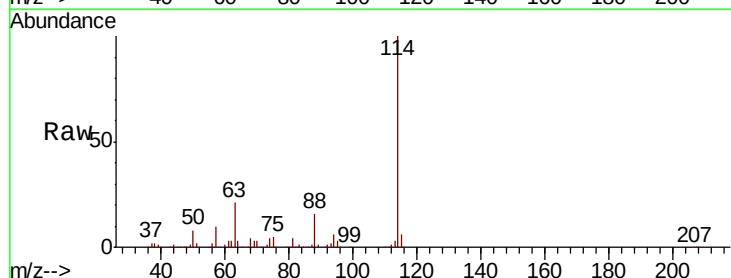
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

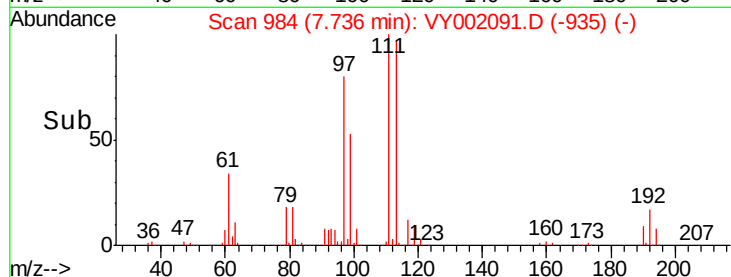
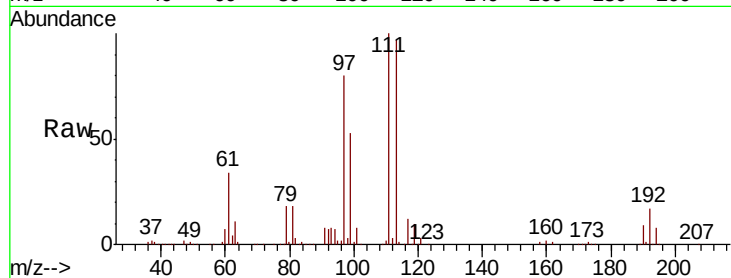
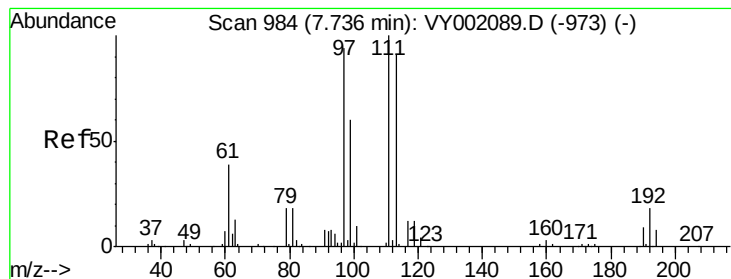
Tot Ion: 65 Resp: 273445
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 114 Resp: 313986
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 150.023 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

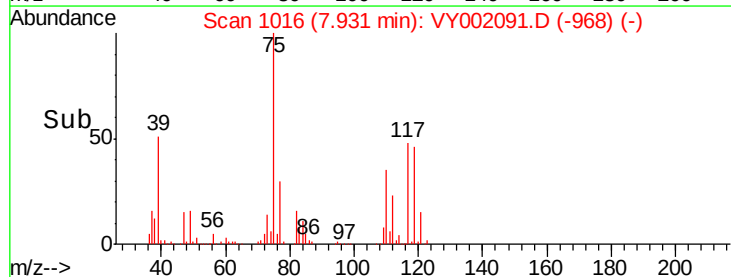
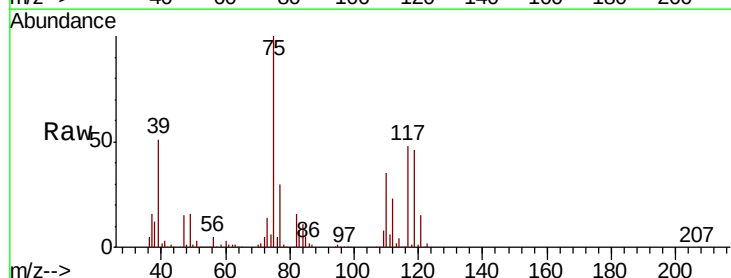
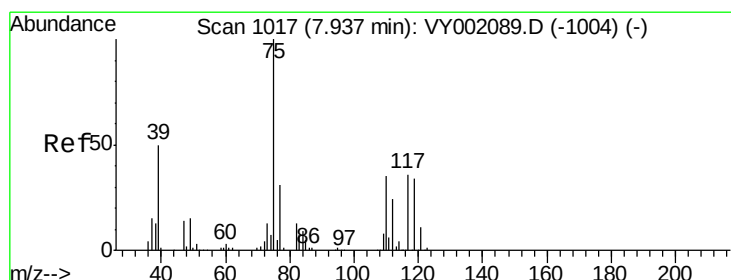
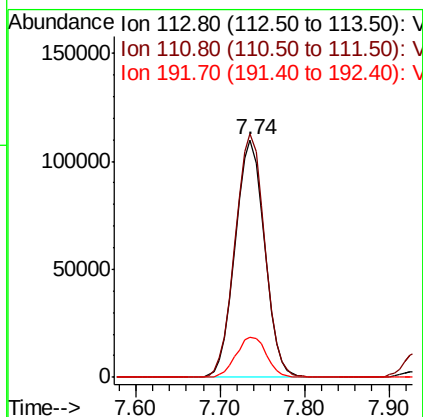
Tot Ion:113 Resp: 258687

Ion Ratio Lower Upper

113 100

111 103.1 84.4 126.6

192 17.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 135.499 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

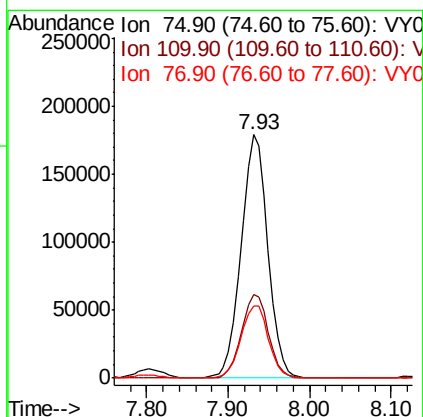
Tgt Ion: 75 Resp: 405924

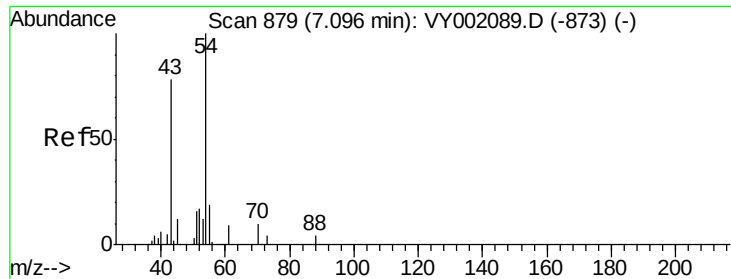
Ion Ratio Lower Upper

75 100

110 34.6 17.2 51.6

77 31.0 24.7 37.1

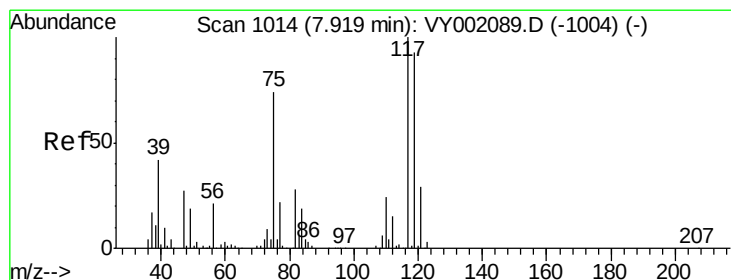
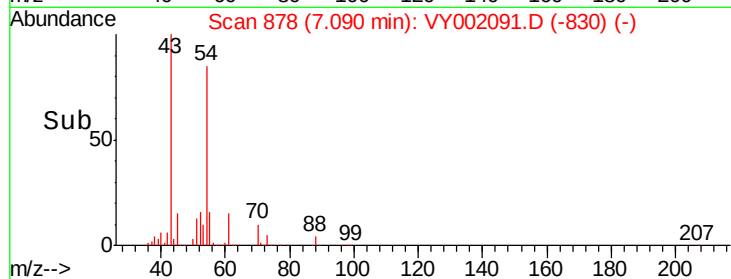
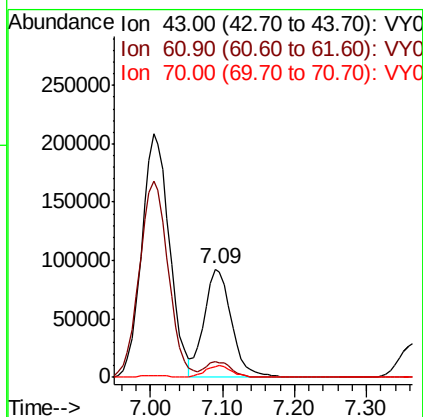
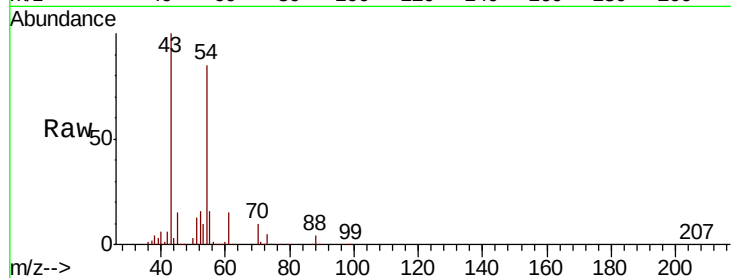




#37
Ethyl Acetate
Concen: 141.166 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

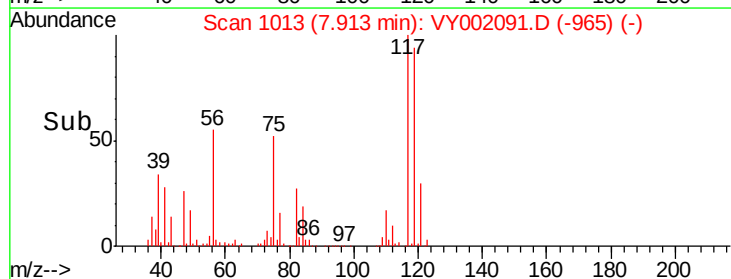
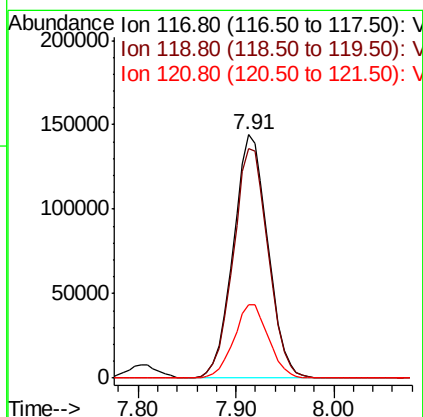
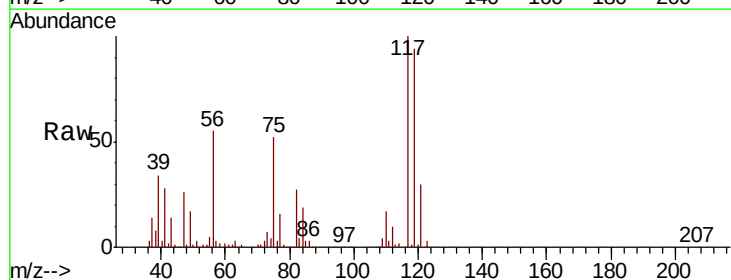
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

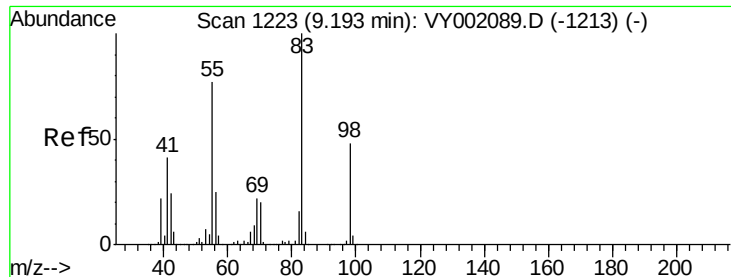
Tot Ion: 43 Resp: 245111
Ion Ratio Lower Upper
43 100
61 13.8 11.2 16.8
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 137.004 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 117 Resp: 351593
Ion Ratio Lower Upper
117 100
119 94.5 74.3 111.5
121 29.9 23.3 34.9

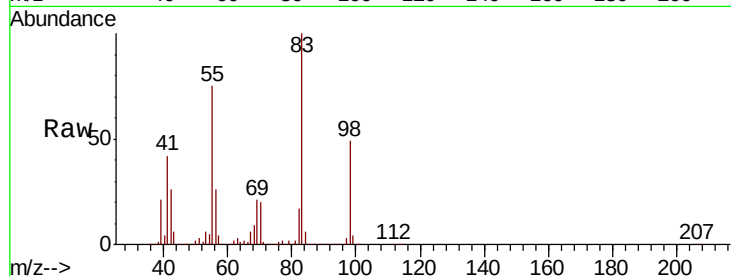




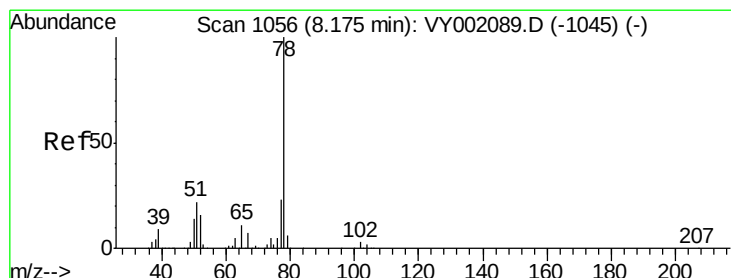
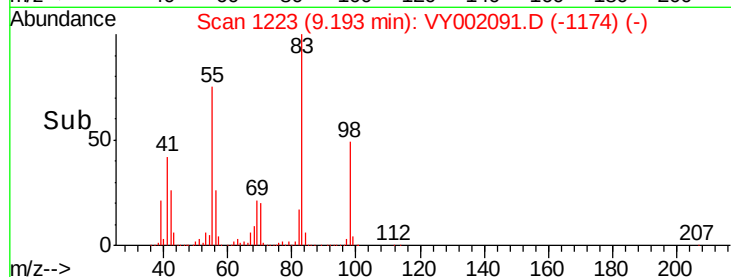
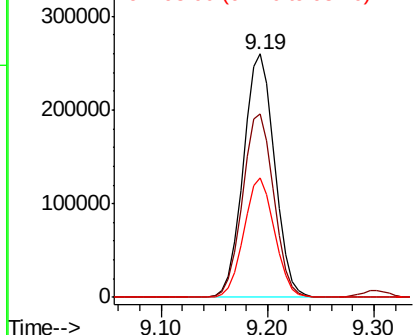
#39
Methylvlcyclohexane
Concen: 134.272 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 534432
Ion Ratio Lower Upper
83 100
55 75.2 61.2 91.8
98 49.1 38.2 57.2

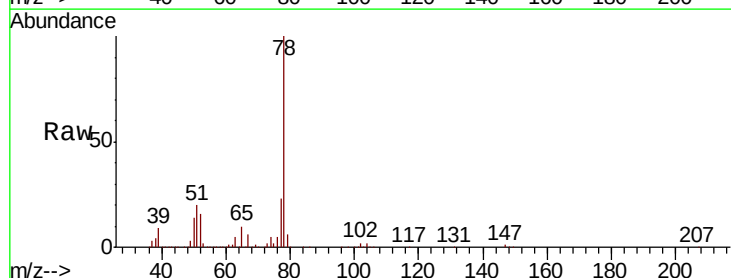


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

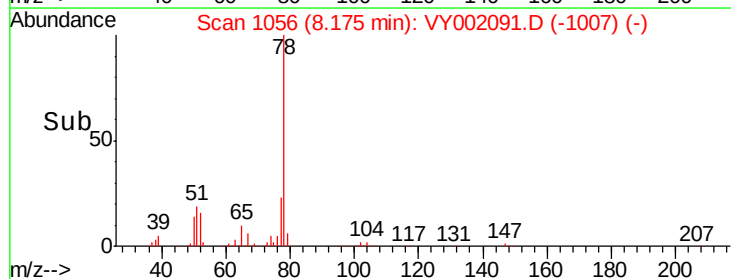
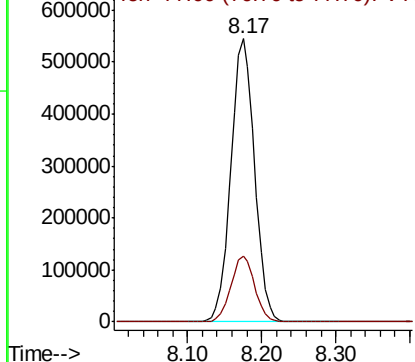


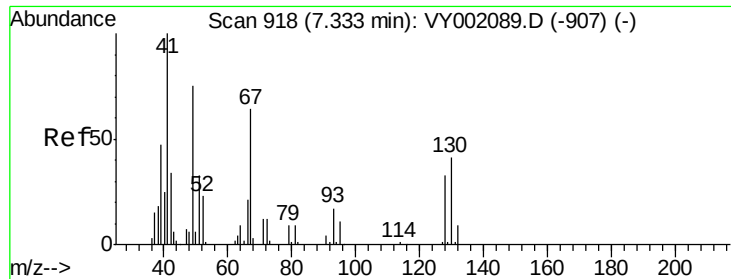
#40
Benzene
Concen: 136.283 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 78 Resp: 1211987
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

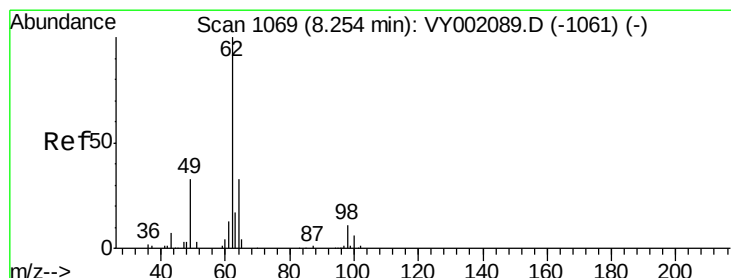
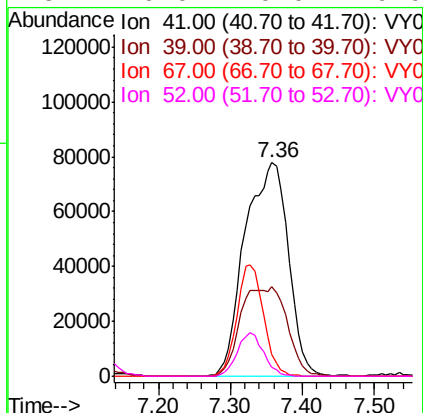
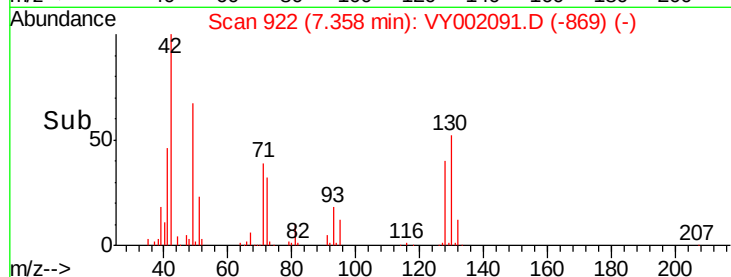
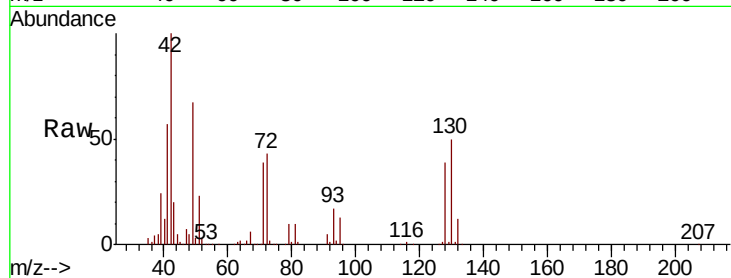




#41
Methacrylonitrile
Concen: 401.534 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.02 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

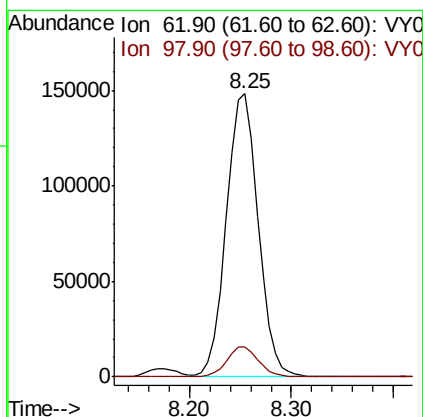
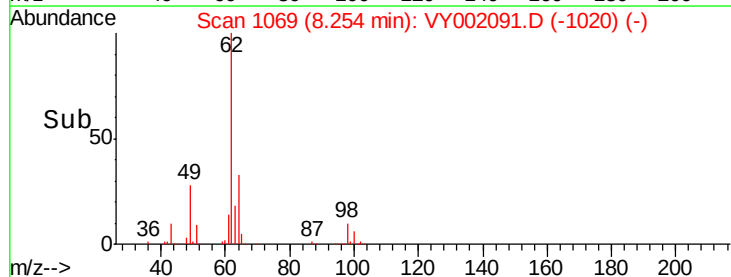
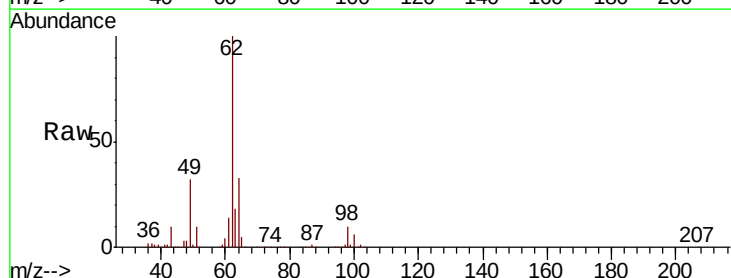
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

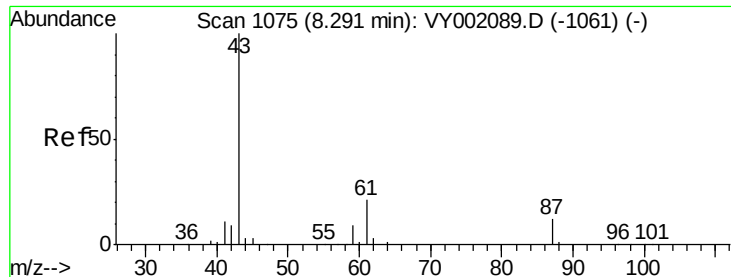
Tot Ion:	41	Resp:	324812
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 139.643 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion:	62	Resp:	320405
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.2





#43

Isopropyl Acetate

Concen: 141.818 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

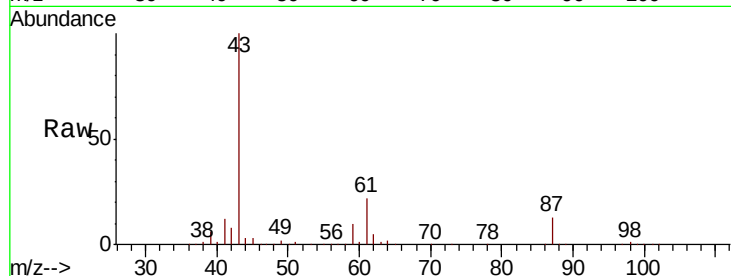
Tot Ion: 43 Resp: 468008

Ion Ratio Lower Upper

43 100

61 29.3 23.4 35.2

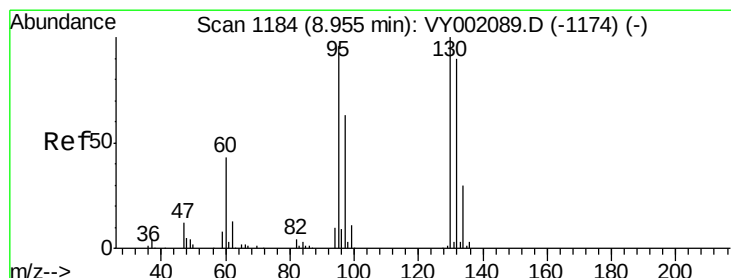
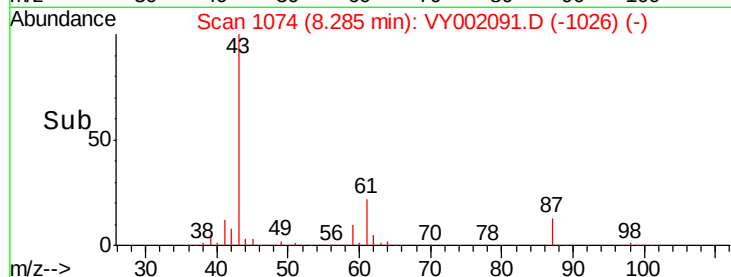
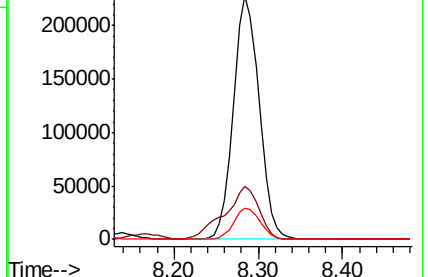
87 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002089.D (-1061) (-)

Ion 61.00 (60.70 to 61.70): VY002089.D (-1061) (-)

Ion 87.00 (86.70 to 87.70): VY002089.D (-1061) (-)



#44

Trichloroethene

Concen: 136.041 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VY002091.D

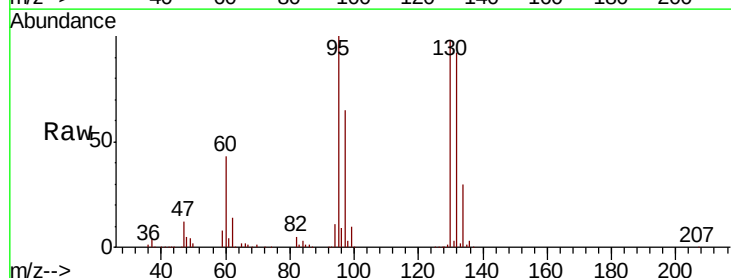
Acq: 26 Mar 2020 17:14

Tgt Ion:130 Resp: 294990

Ion Ratio Lower Upper

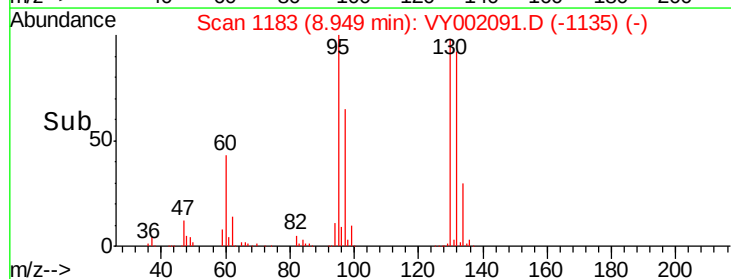
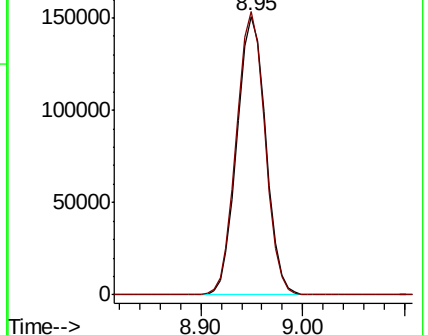
130 100

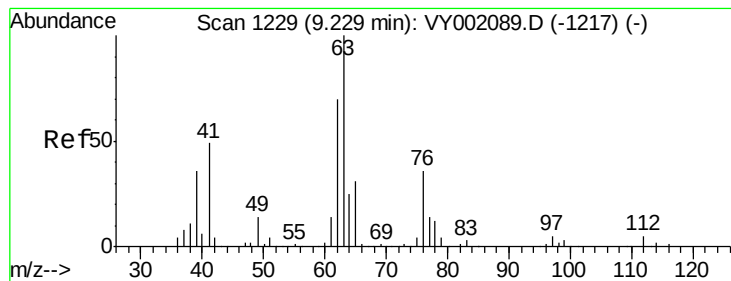
95 101.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002089.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY002089.D (-1174) (-)





#45

1,2-Dichloropropane

Concen: 139.052 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

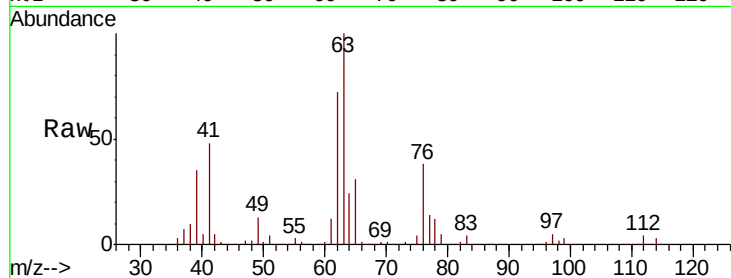
VSTDIC150

Tot Ion: 63 Resp: 311544

Ion Ratio Lower Upper

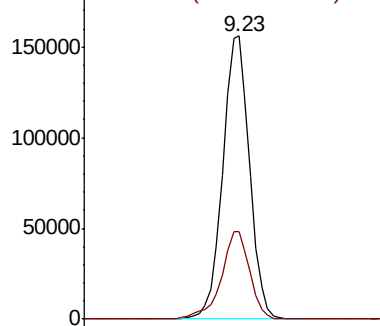
63 100

65 30.9 25.0 37.6

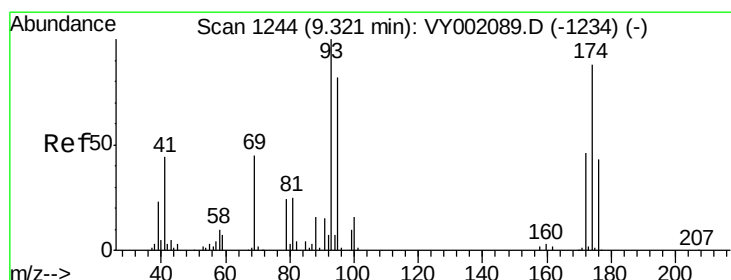
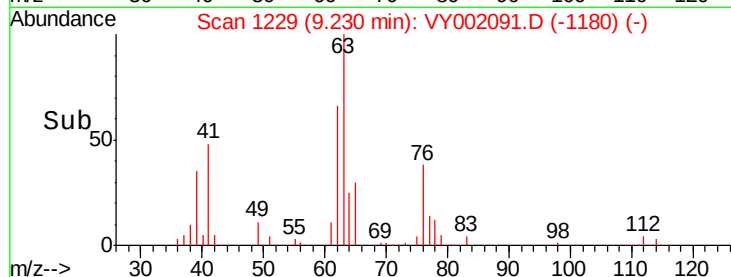


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



Time-->



#46

Dibromomethane

Concen: 140.105 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

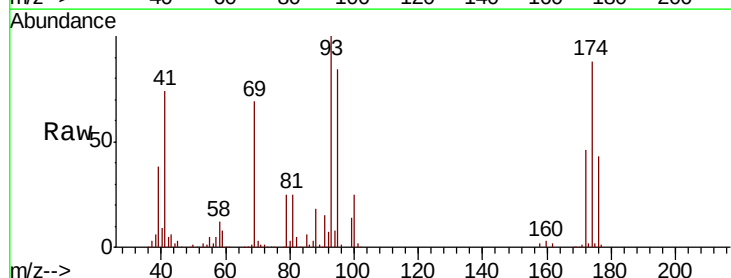
Tgt Ion: 93 Resp: 161755

Ion Ratio Lower Upper

93 100

95 83.3 66.0 99.0

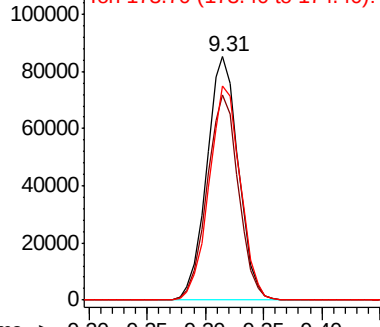
174 86.6 69.8 104.8



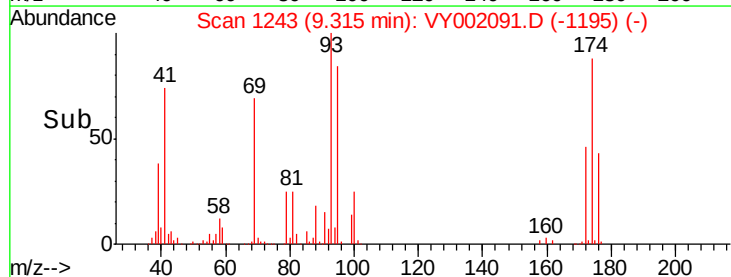
Abundance Ion 92.80 (92.50 to 93.50): VY0

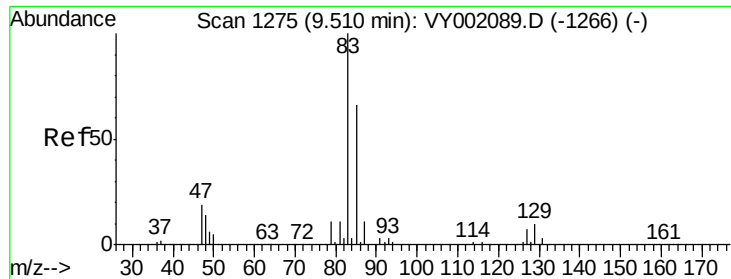
Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 144.328 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

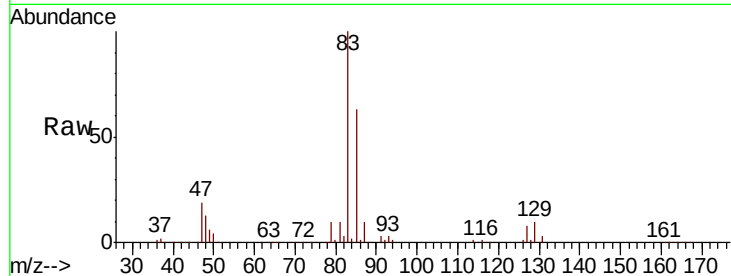
Tot Ion: 83 Resp: 388052

Ion Ratio Lower Upper

83 100

85 62.9 52.6 79.0

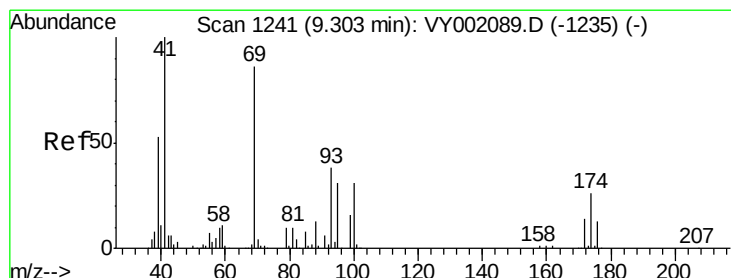
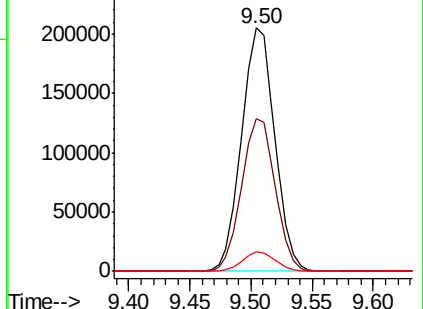
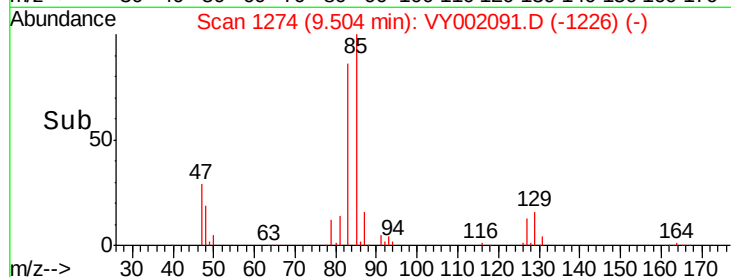
127 8.1 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VY002091.D (-1266) (-)

Ion 84.90 (84.60 to 85.60): VY002091.D (-1266) (-)

Ion 126.80 (126.50 to 127.50): VY002091.D (-1266) (-)



#48

Methyl methacrylate

Concen: 144.382 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

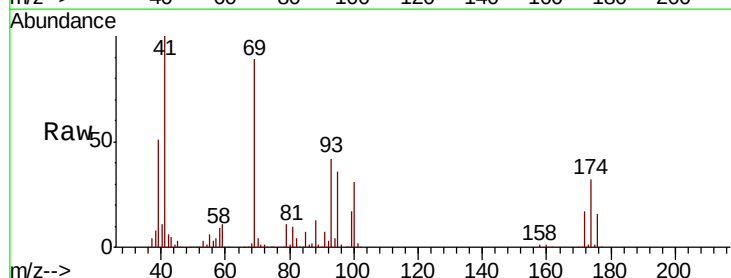
Tgt Ion: 41 Resp: 209870

Ion Ratio Lower Upper

41 100

69 91.7 71.4 107.0

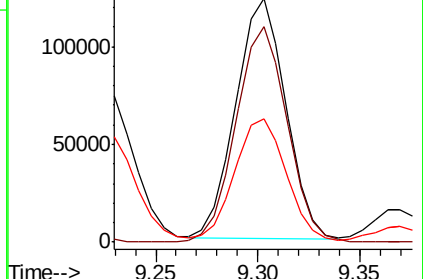
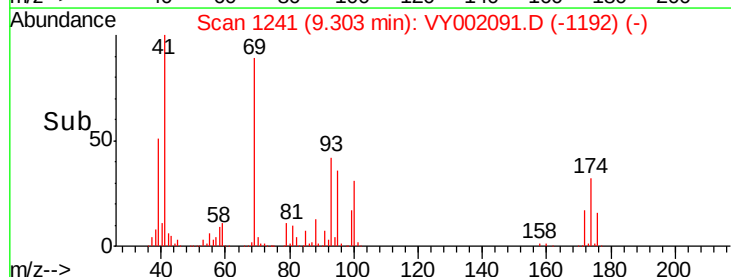
39 51.3 41.0 61.4

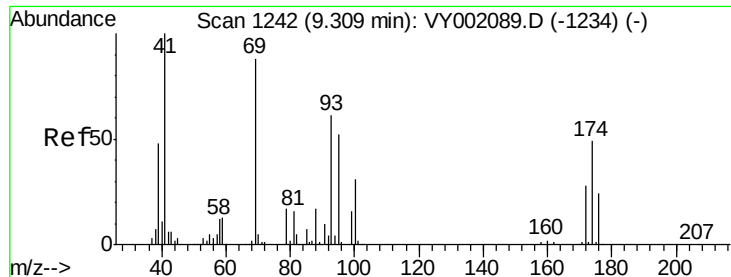


Abundance Ion 41.00 (40.70 to 41.70): VY002091.D (-1192) (-)

Ion 69.00 (68.70 to 69.70): VY002091.D (-1192) (-)

Ion 39.00 (38.70 to 39.70): VY002091.D (-1192) (-)

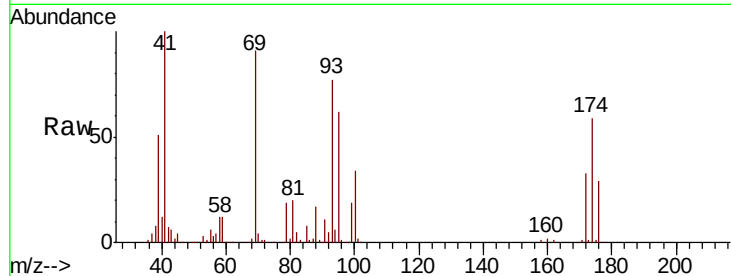




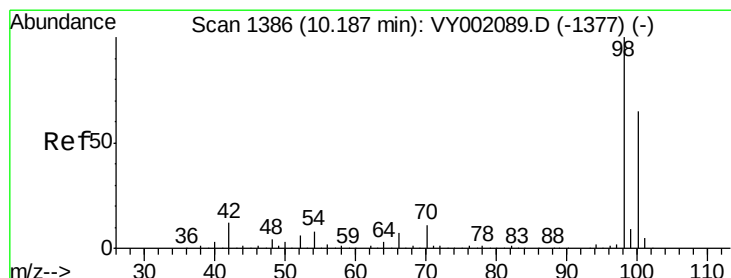
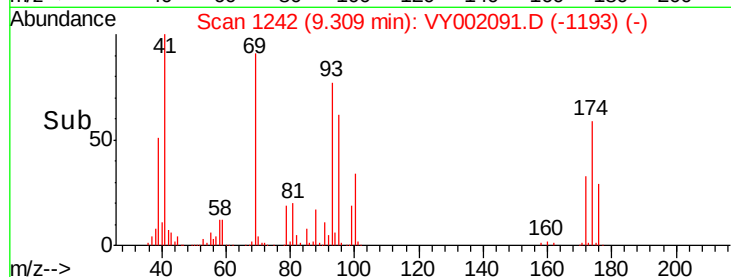
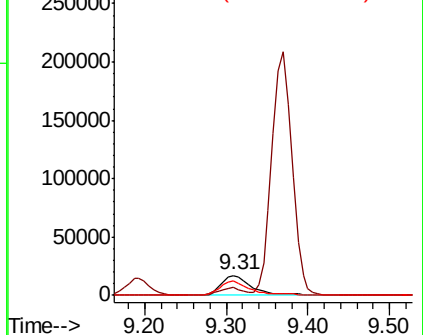
#49
1,4-Dioxane
Concen: 2860.994 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 45080
Ion Ratio Lower Upper
88 100
43 27.5 27.2 40.8
58 73.4 59.8 89.8

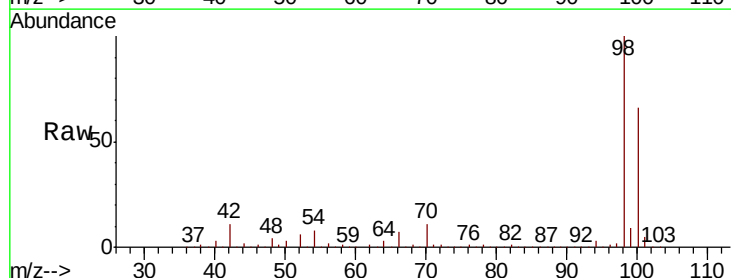


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

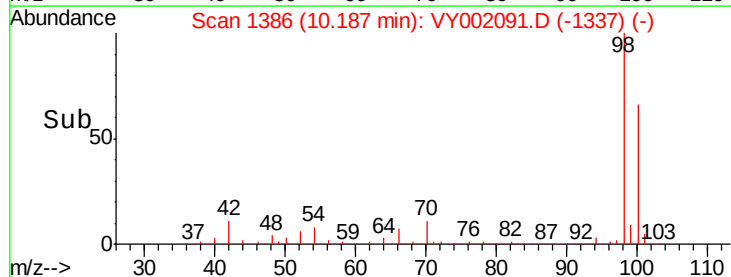
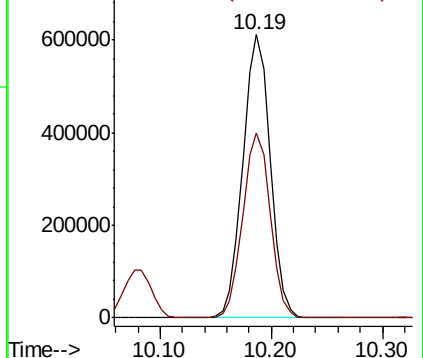


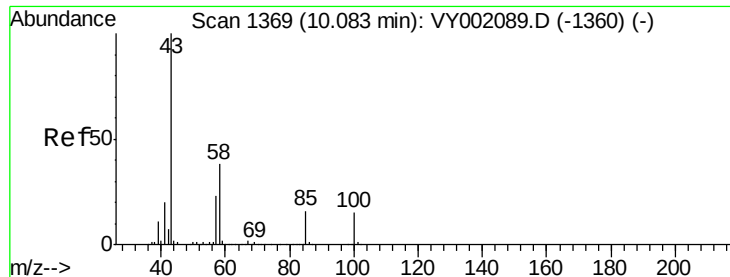
#50
Toluene-d8
Concen: 143.421 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 98 Resp: 1043682
Ion Ratio Lower Upper
98 100
100 65.7 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: 699.415 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

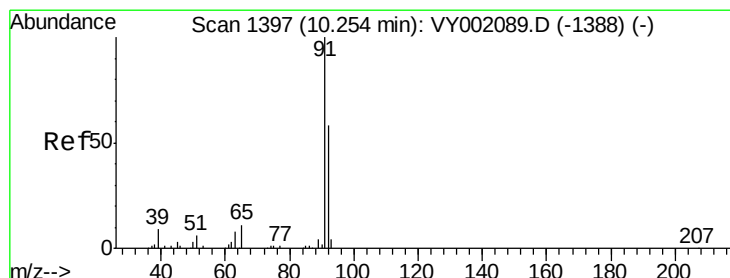
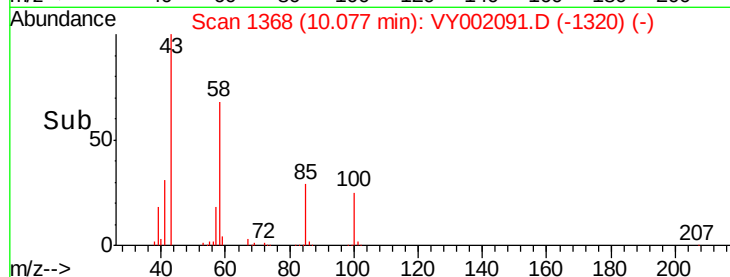
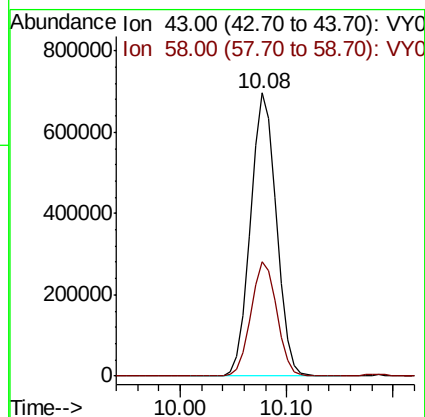
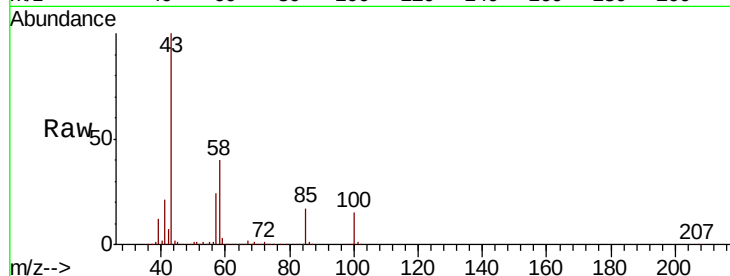
VSTDIC150

Tot Ion: 43 Resp: 1188207

Ion Ratio Lower Upper

43 100

58 40.6 31.6 47.4



#52

Toluene

Concen: 137.393 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002091.D

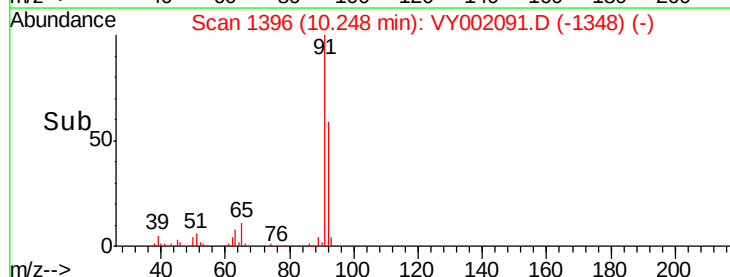
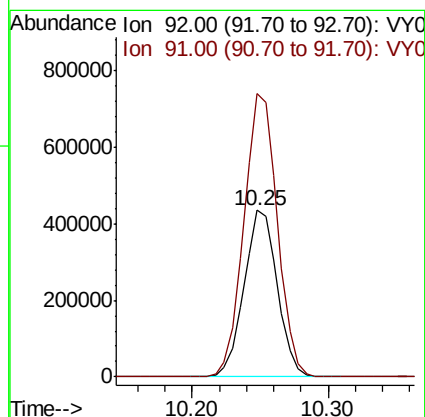
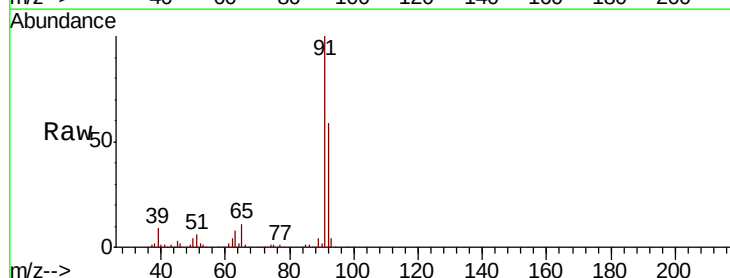
Acq: 26 Mar 2020 17:14

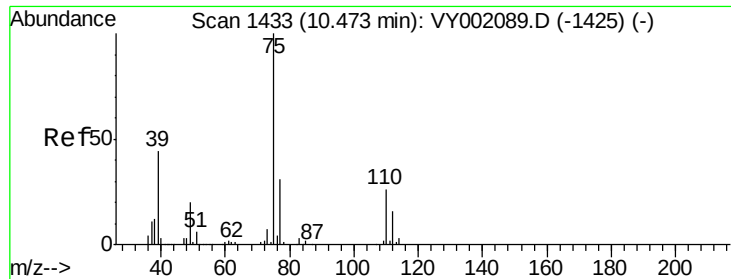
Tgt Ion: 92 Resp: 741813

Ion Ratio Lower Upper

92 100

91 171.4 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 147.079 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

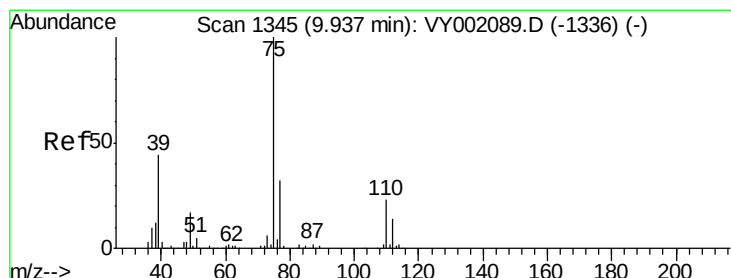
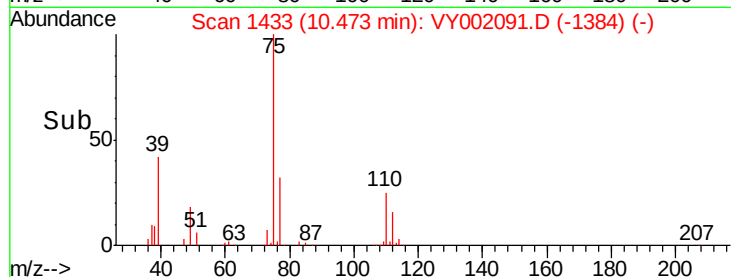
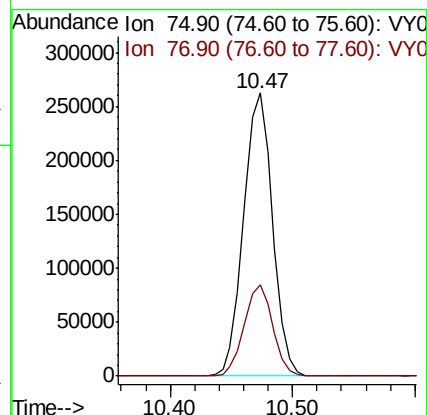
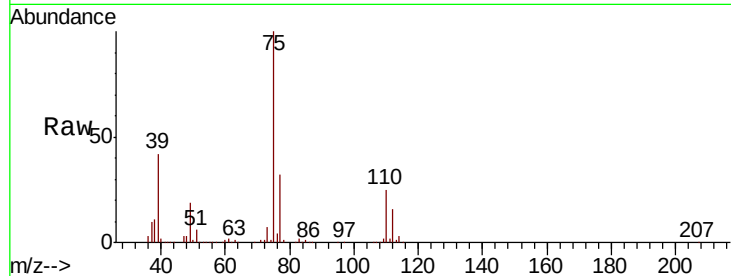
VSTDIC150

Tot Ion: 75 Resp: 430430

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 143.756 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

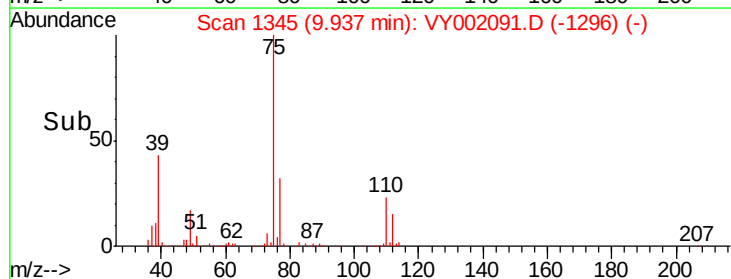
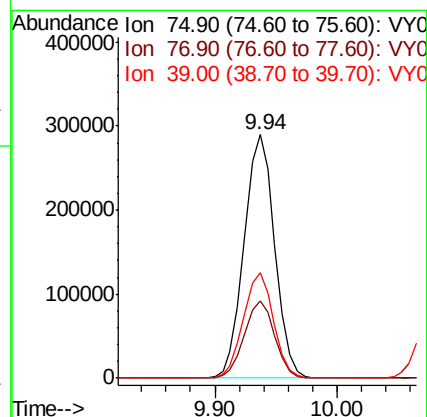
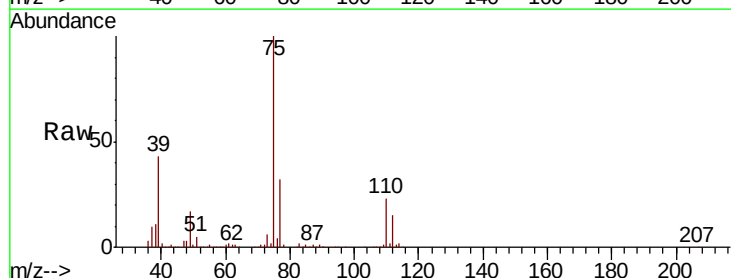
Tgt Ion: 75 Resp: 500833

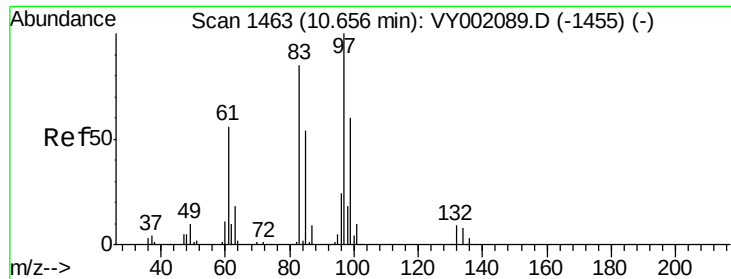
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 43.2 35.2 52.8





#55

1,1,2-Trichloroethane

Concen: 139.434 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 236035

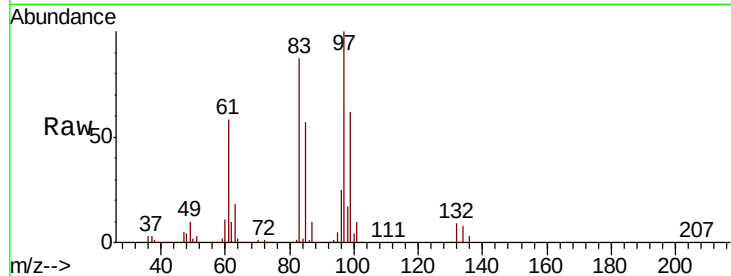
Ion Ratio Lower Upper

97 100

83 86.8 68.2 102.2

85 56.5 42.9 64.3

99 61.7 47.9 71.9

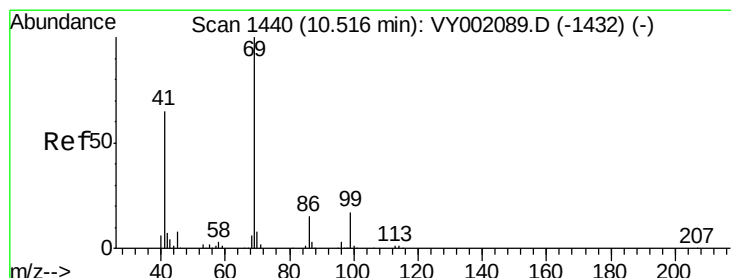
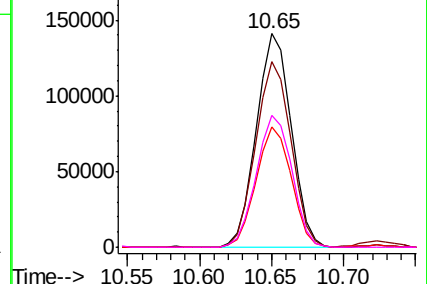
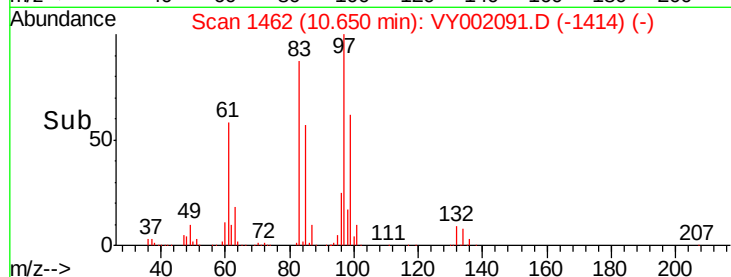


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 147.141 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

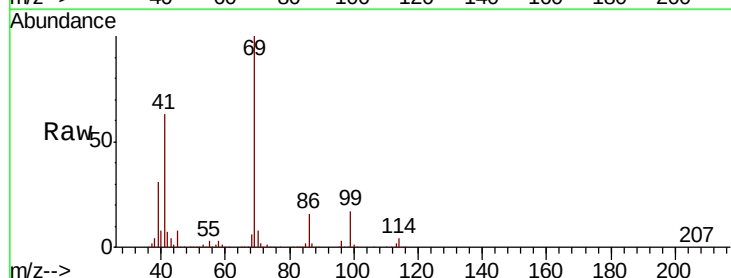
Tgt Ion: 69 Resp: 362339

Ion Ratio Lower Upper

69 100

41 62.4 52.8 79.2

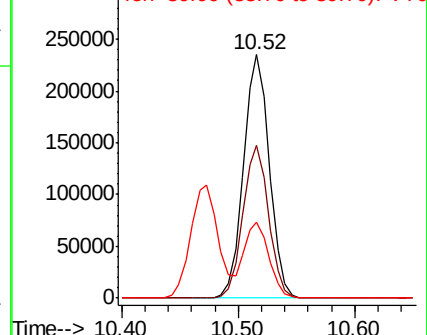
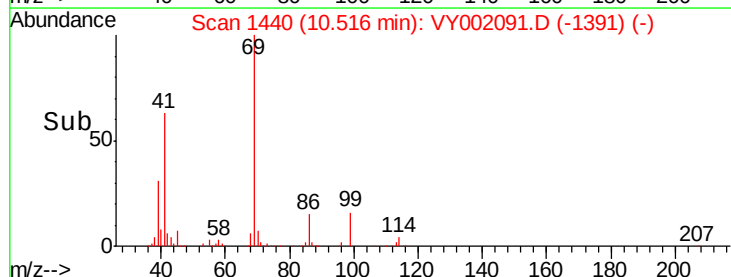
39 29.4 25.0 37.6

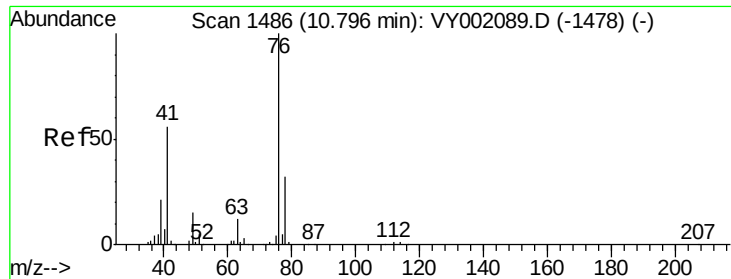


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

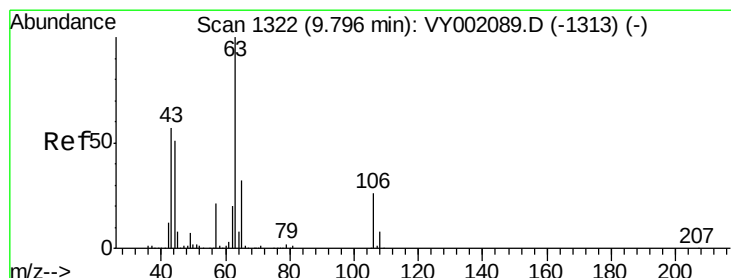
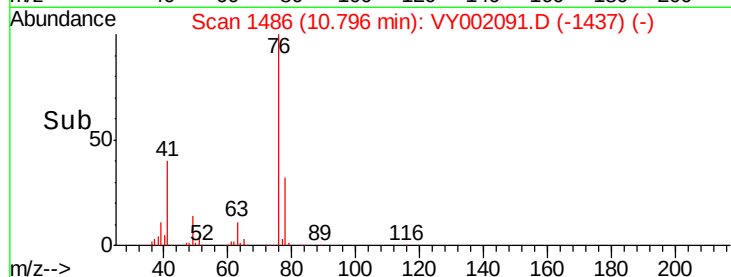
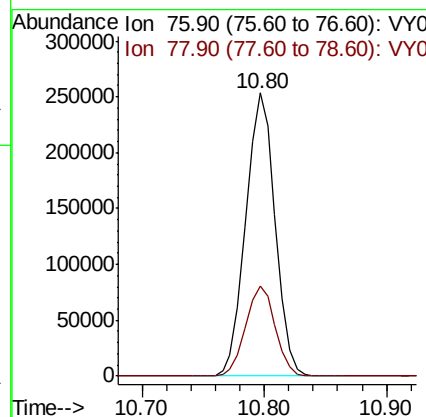
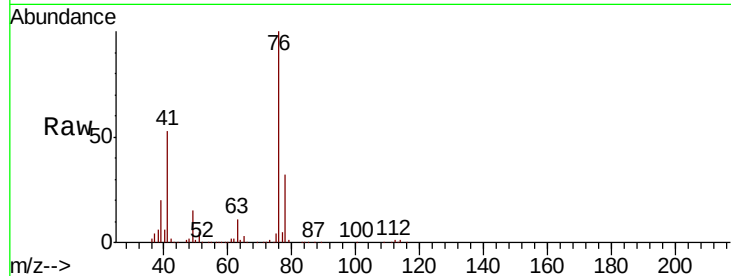




#57
 1,3-Dichloropropane
 Concen: 139.769 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

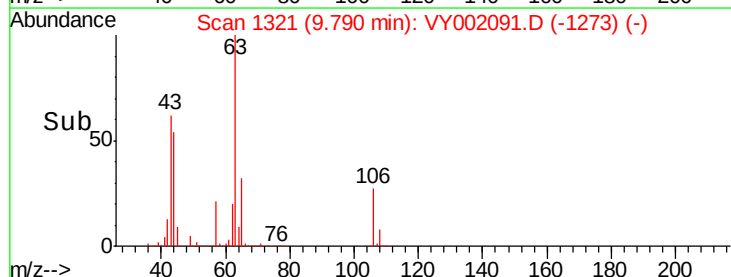
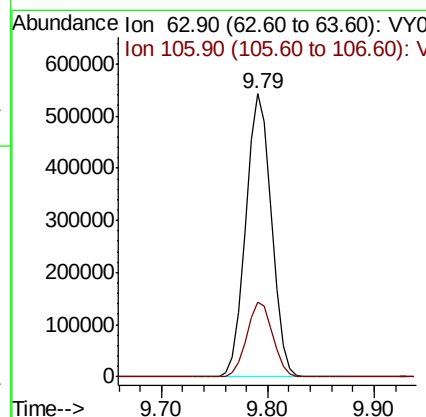
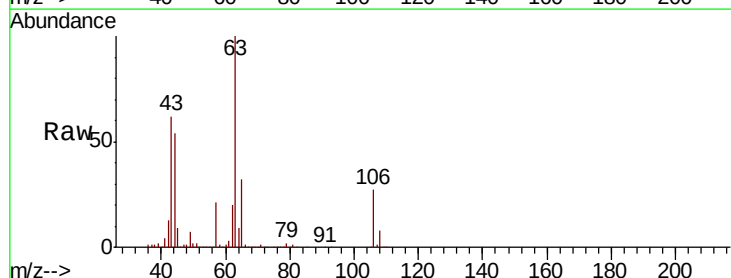
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

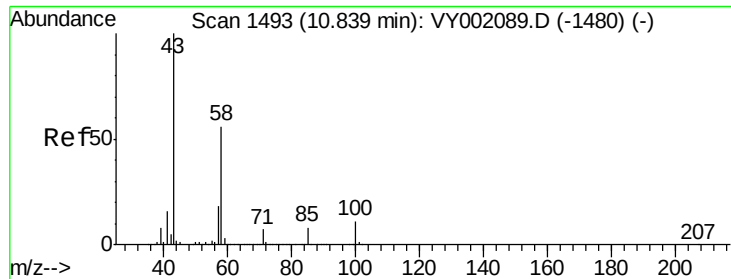
Tot Ion: 76 Resp: 421270
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 873.909 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 63 Resp: 917559
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.0 31.4

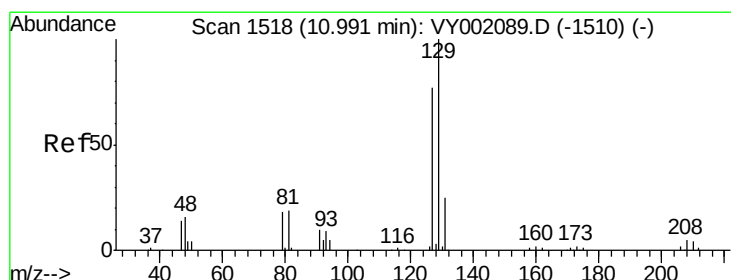
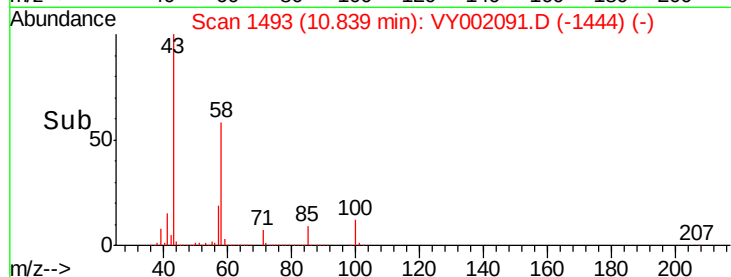
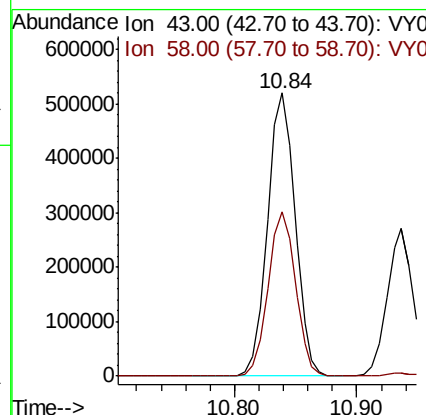
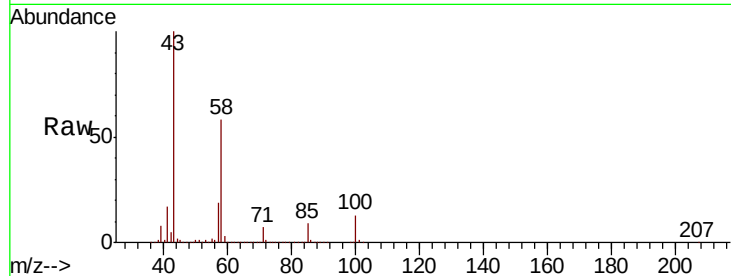




#59
2-Hexanone
Concen: 677.792 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

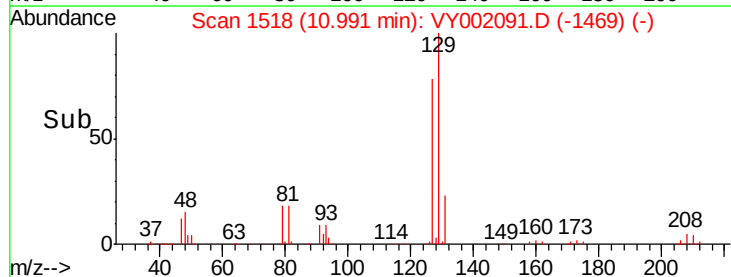
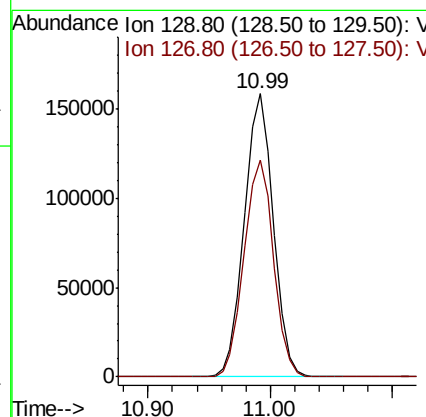
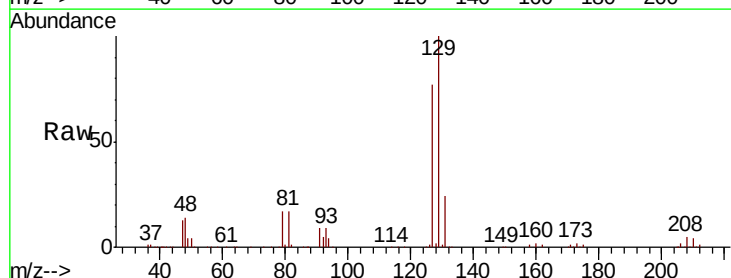
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

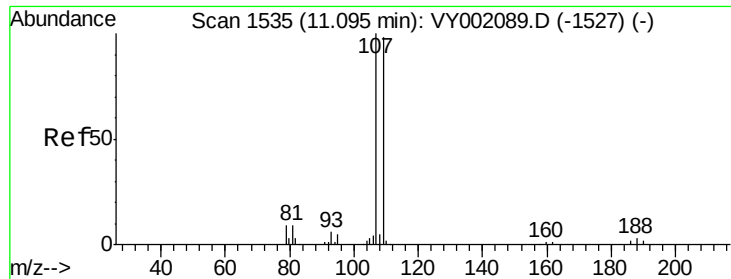
Tot Ion: 43 Resp: 819773
Ion Ratio Lower Upper
43 100
58 57.8 27.9 83.6



#60
Dibromochloromethane
Concen: 146.751 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 129 Resp: 260554
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

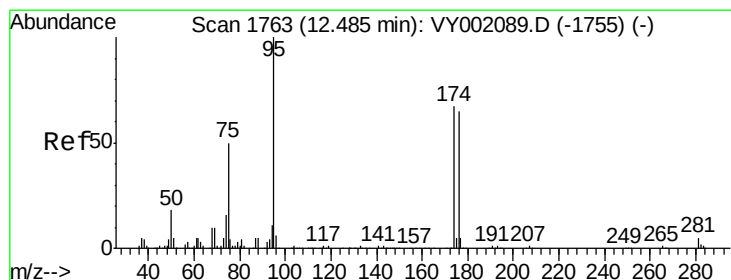
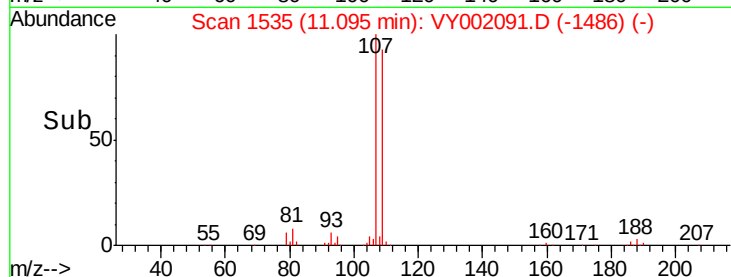
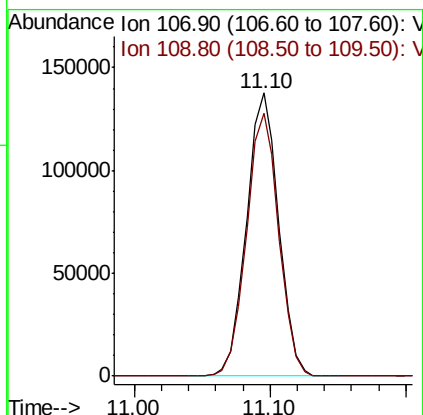
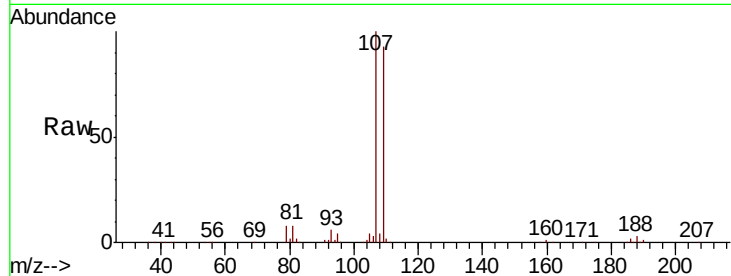




#61
 1,2-Dibromoethane
 Concen: 142.507 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

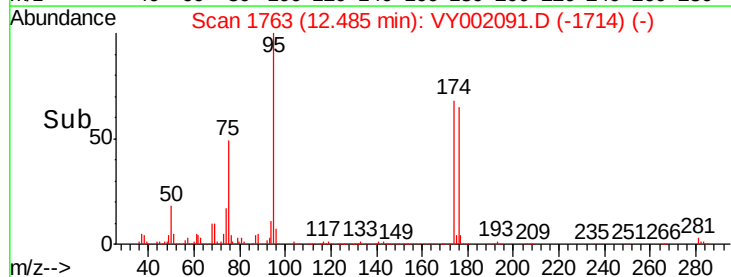
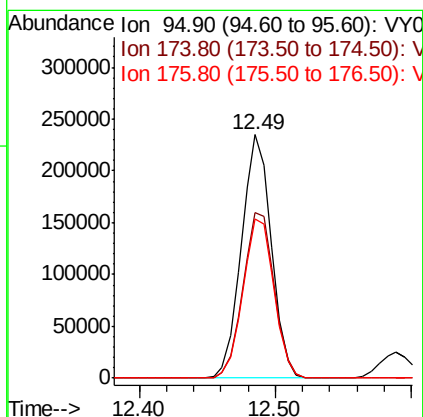
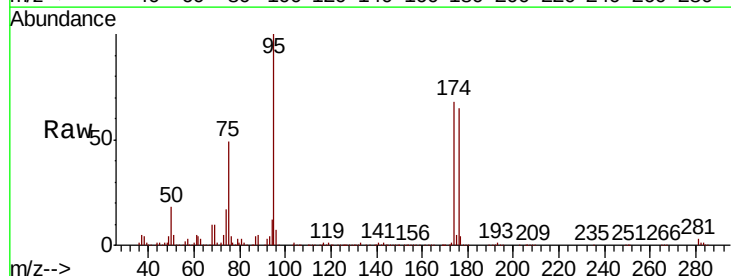
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

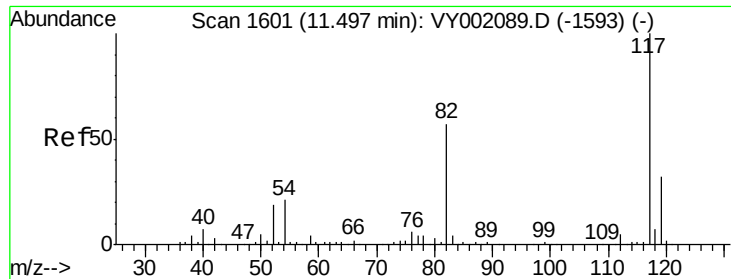
Tot Ion: 107 Resp: 227921
 Ion Ratio Lower Upper
 107 100
 109 93.2 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 142.036 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 95 Resp: 360251
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 143.4
 176 68.1 0.0 137.0

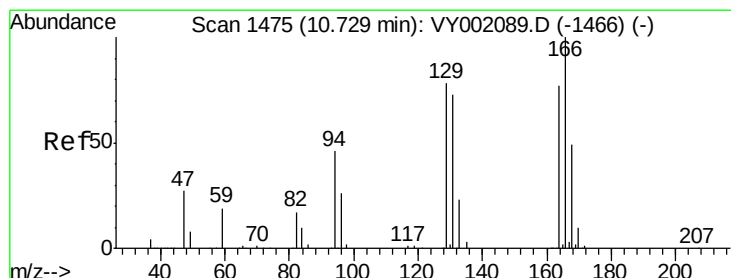
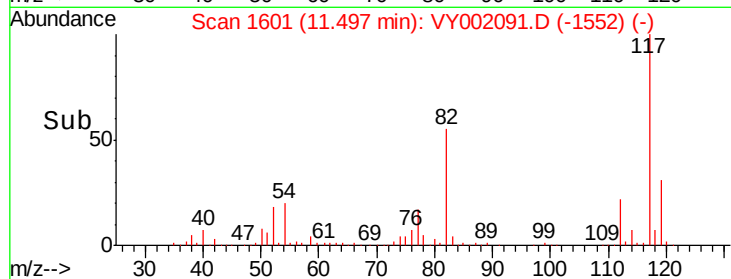
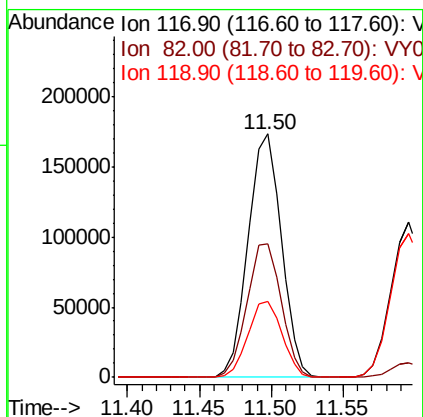
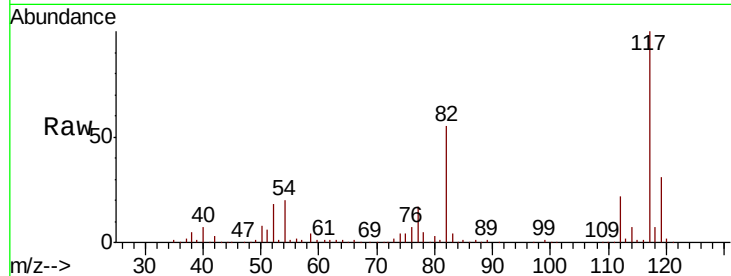




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

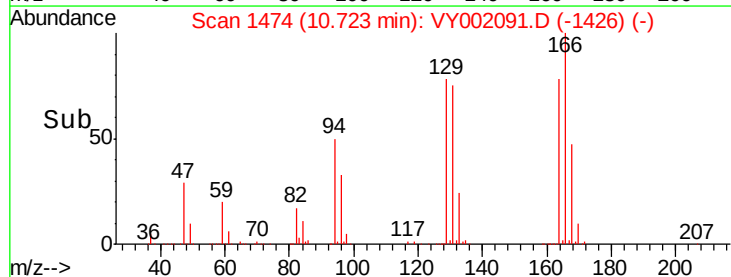
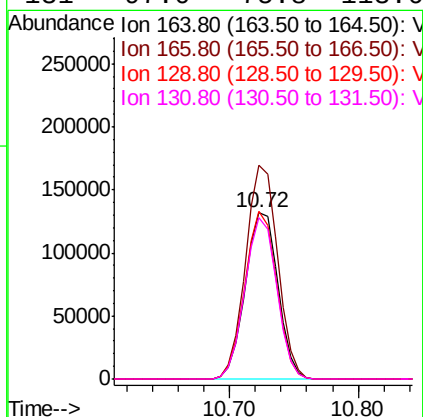
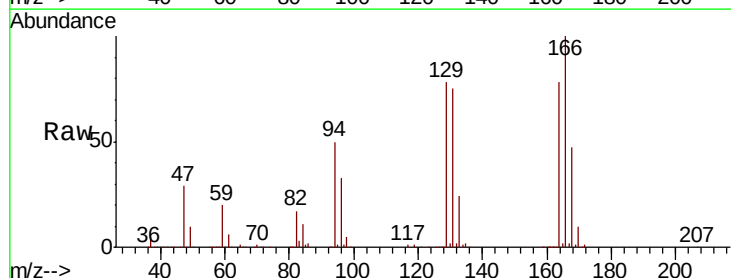
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

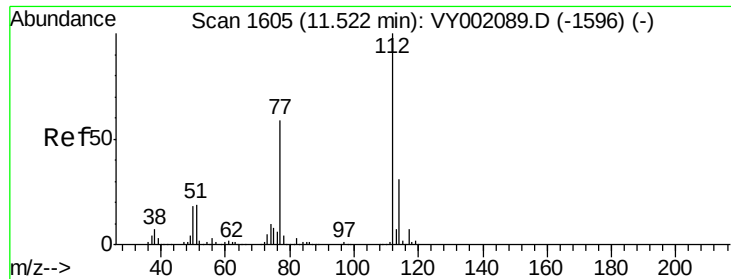
Tot Ion:117 Resp: 278668
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.0 25.3 37.9



#64
Tetrachloroethene
Concen: 131.842 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion:164 Resp: 229456
Ion Ratio Lower Upper
164 100
166 128.8 104.0 156.0
129 101.0 81.2 121.8
131 97.0 75.8 113.6

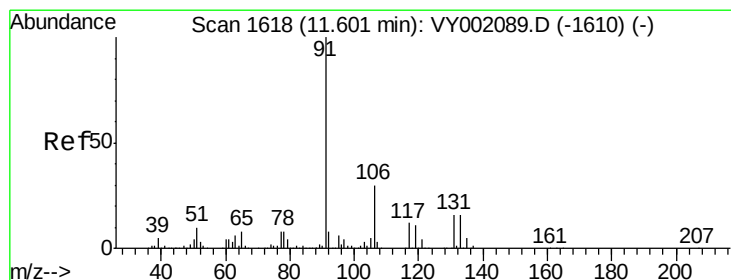
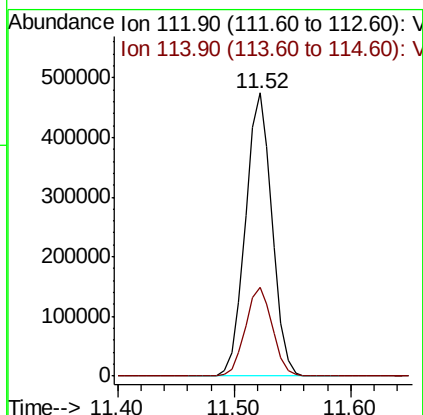
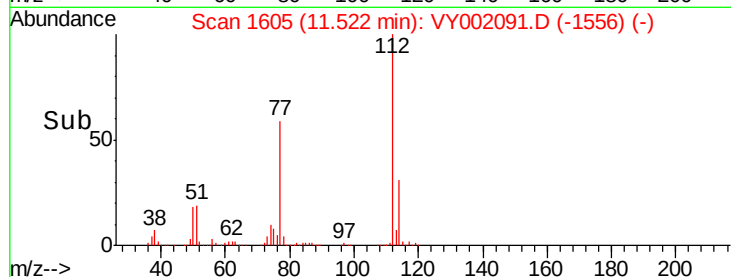
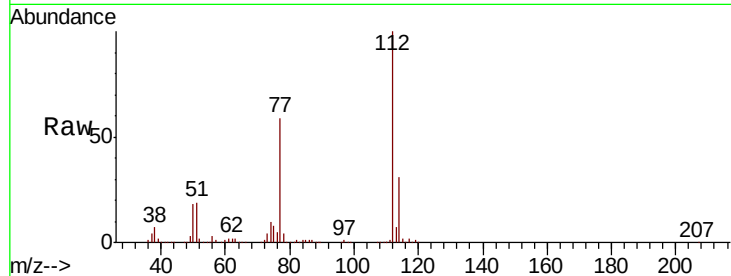




#65
Chlorobenzene
Concen: 136.739 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

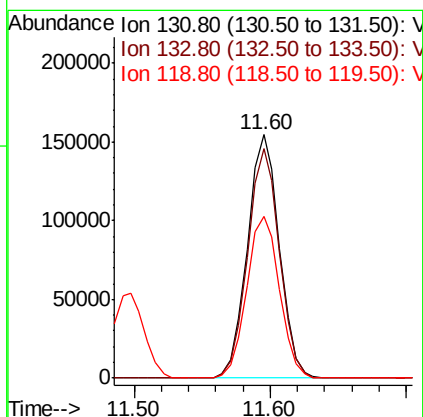
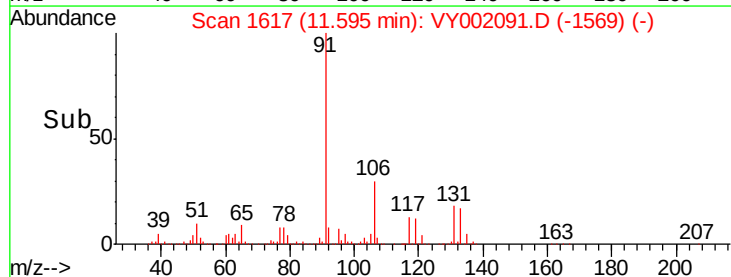
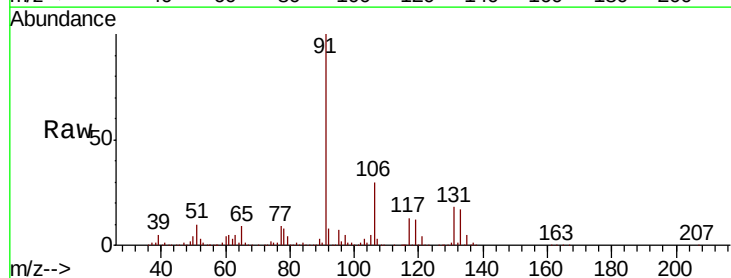
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

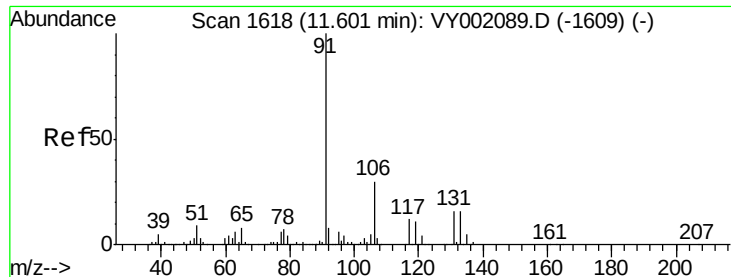
Tot Ion:112 Resp: 751505
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 140.447 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion:131 Resp: 253536
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.5
119 68.3 34.6 103.9

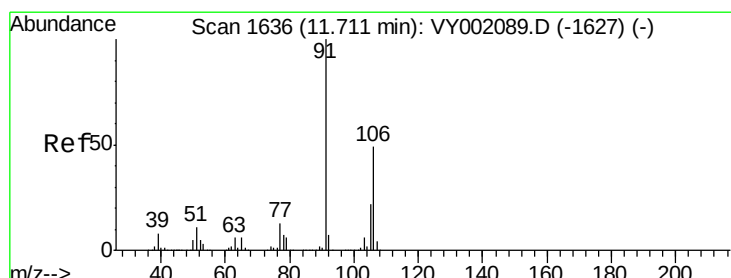
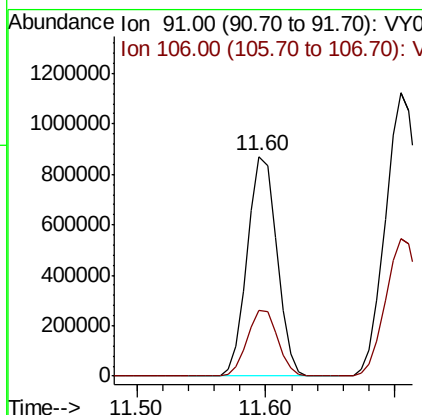
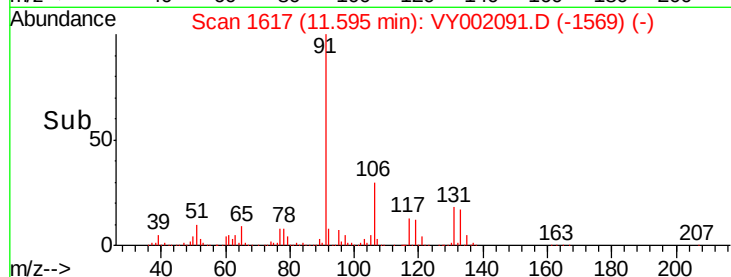
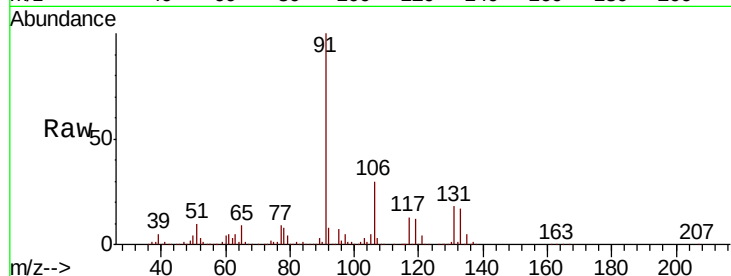




#67
Ethyl Benzene
Concen: 134.482 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

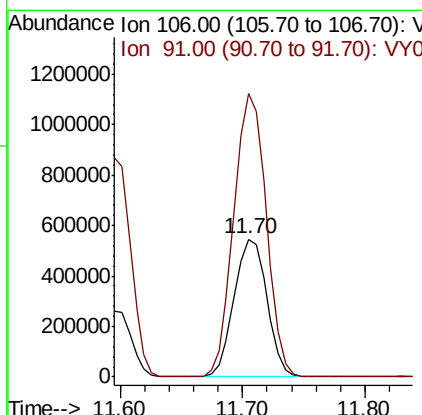
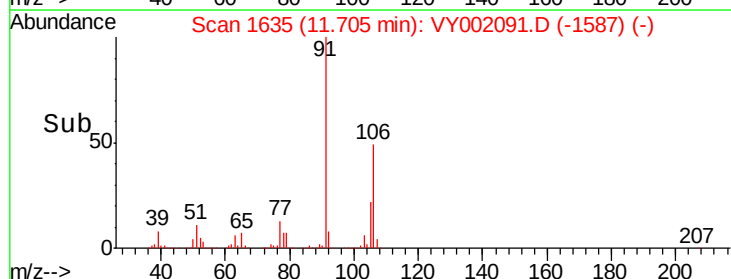
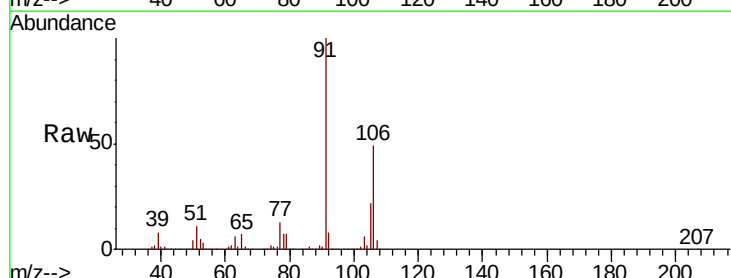
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

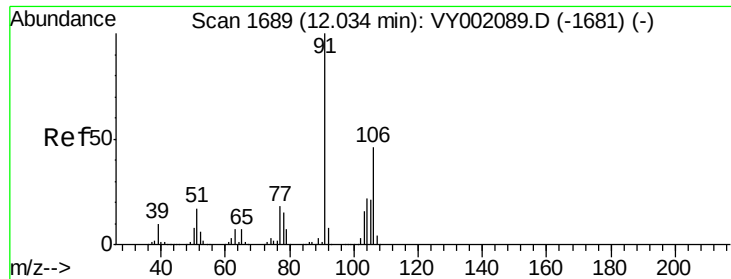
Tot Ion: 91 Resp: 1380678
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1



#68
m/p-Xylenes
Concen: 268.015 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion: 106 Resp: 1015522
Ion Ratio Lower Upper
106 100
91 203.4 162.8 244.2

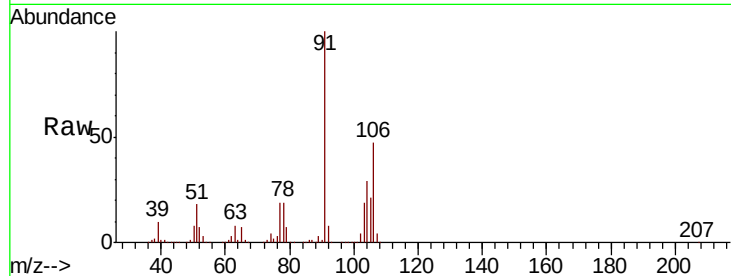




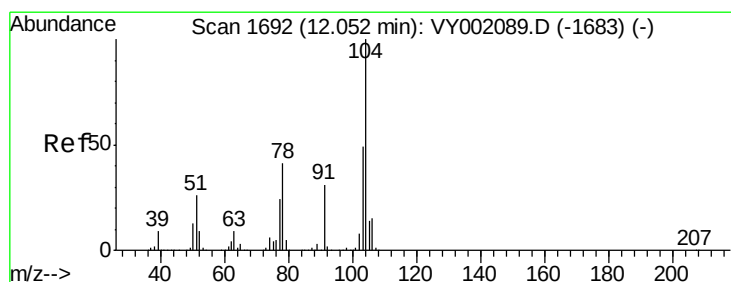
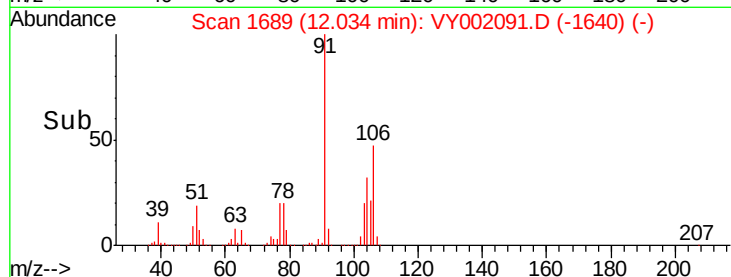
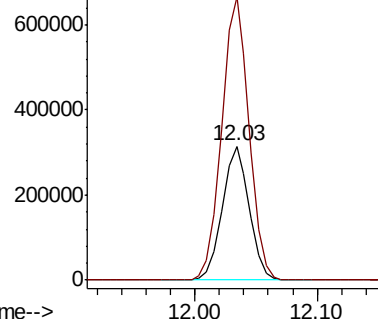
#69
o-Xylene
Concen: 134.280 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 480006
Ion Ratio Lower Upper
106 100
91 214.4 107.3 321.8

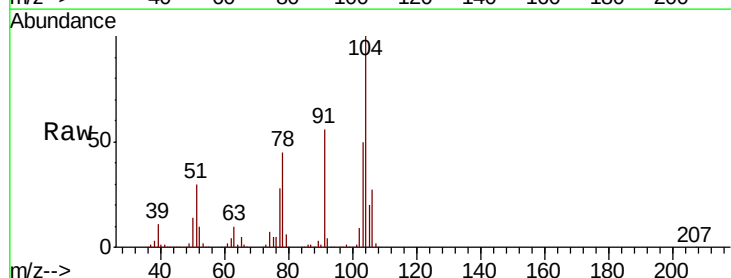


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

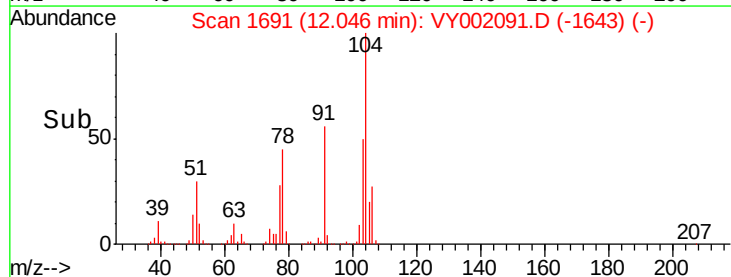
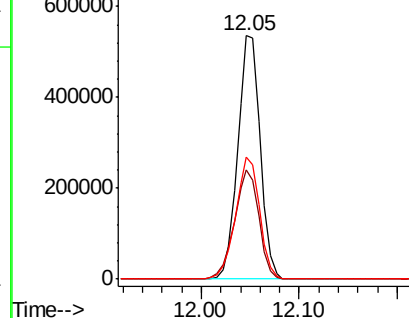


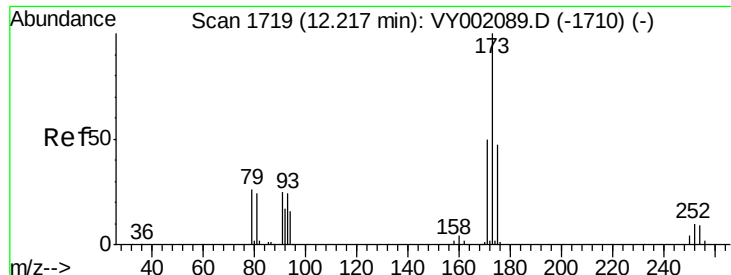
#70
Styrene
Concen: 138.974 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002091.D
Acq: 26 Mar 2020 17:14

Tgt Ion:104 Resp: 851489
Ion Ratio Lower Upper
104 100
78 48.2 37.9 56.9
103 53.4 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: 150.252 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

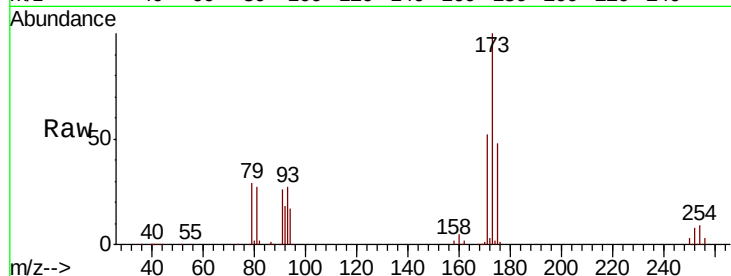
Tot Ion:173 Resp: 146843

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

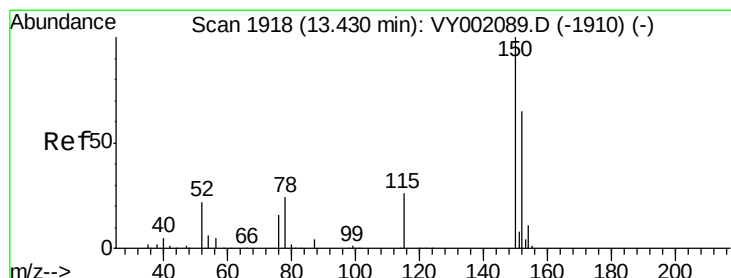
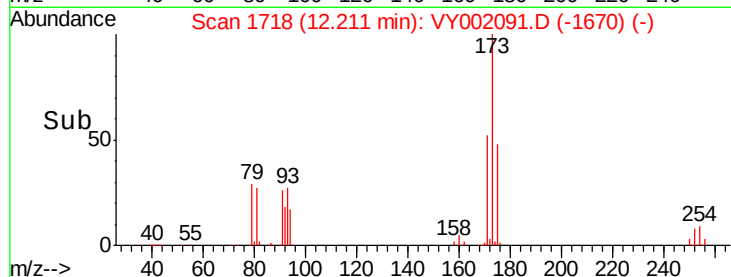
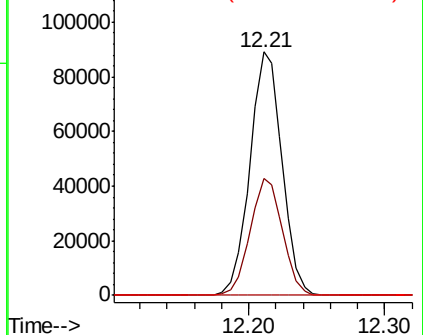
254 0.1 0.0 0.0#



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: VY002091.D

Acq: 26 Mar 2020 17:14

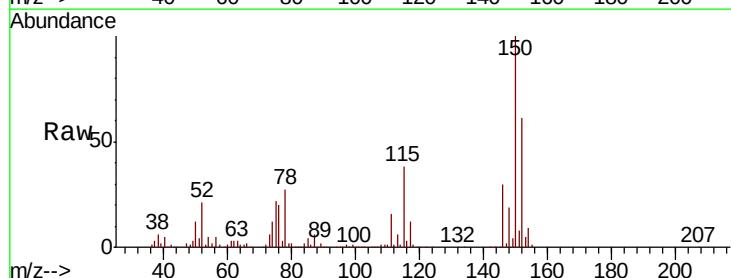
Tgt Ion:152 Resp: 120961

Ion Ratio Lower Upper

152 100

115 61.1 31.2 93.6

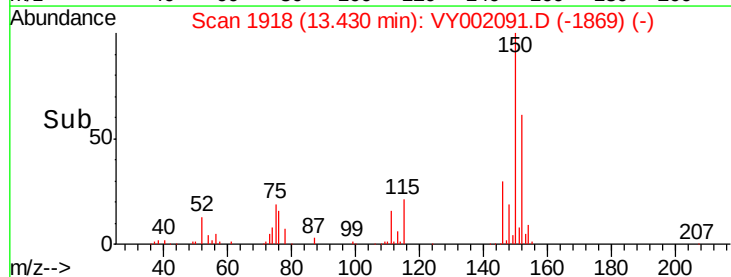
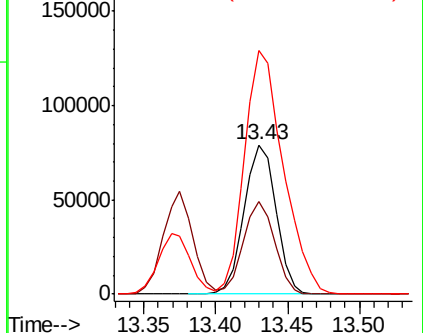
150 199.5 0.0 354.8

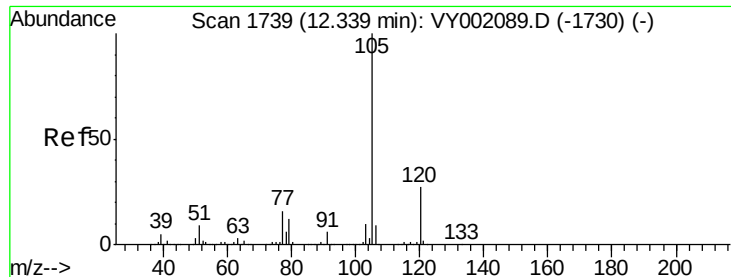


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 140.218 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

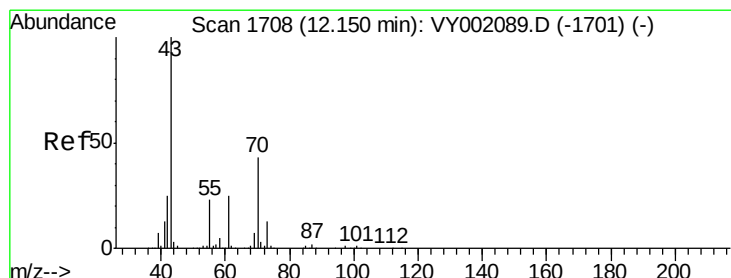
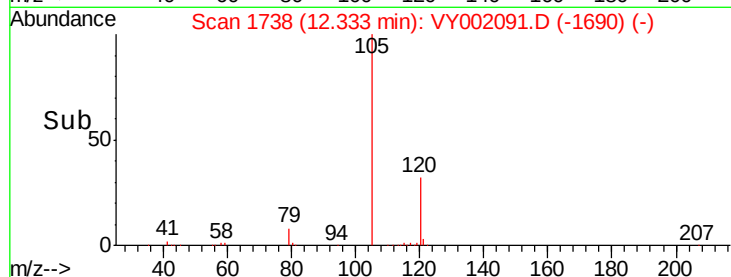
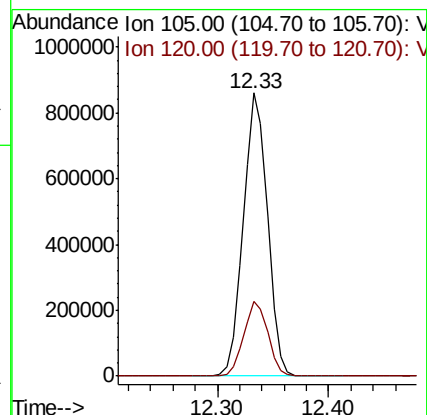
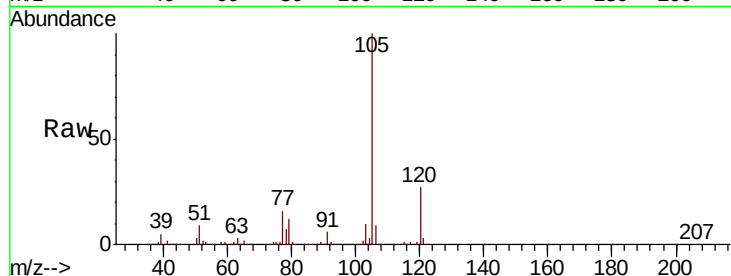
VSTDIC150

Tot Ion:105 Resp: 1290902

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 143.160 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Tgt Ion: 43 Resp: 404785

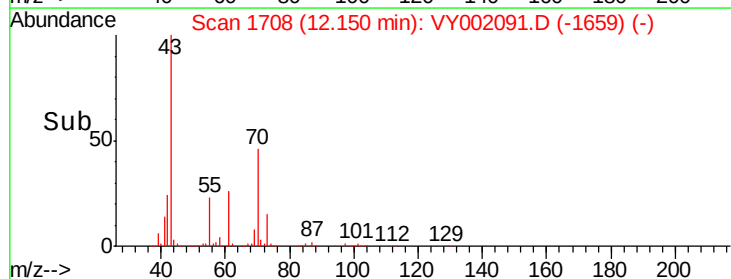
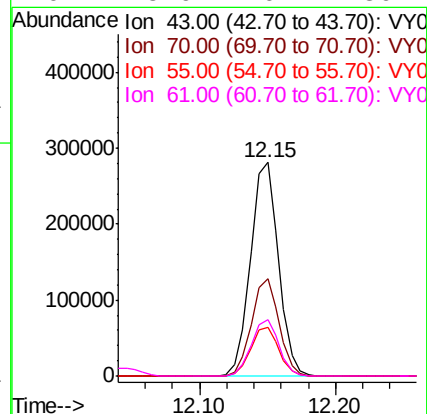
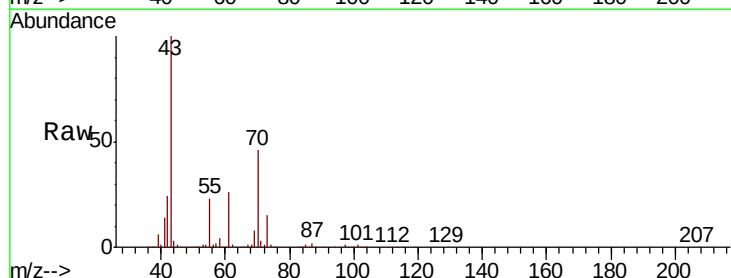
Ion Ratio Lower Upper

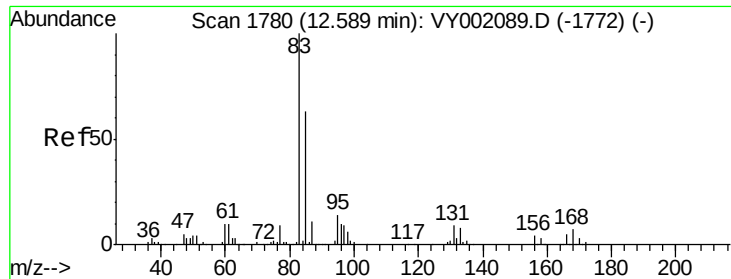
43 100

70 45.0 35.0 52.4

55 23.0 18.7 28.1

61 25.9 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 145.045 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

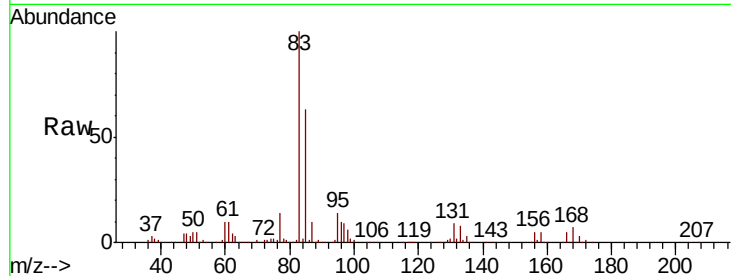
Tot Ion: 83 Resp: 287126

Ion Ratio Lower Upper

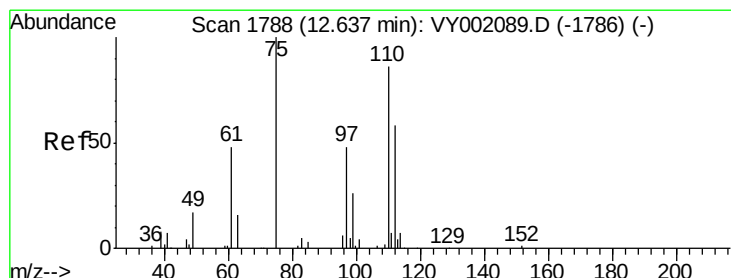
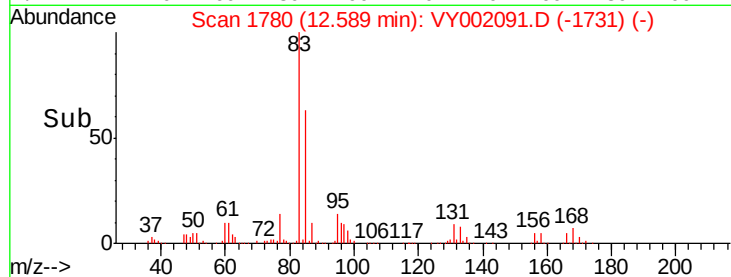
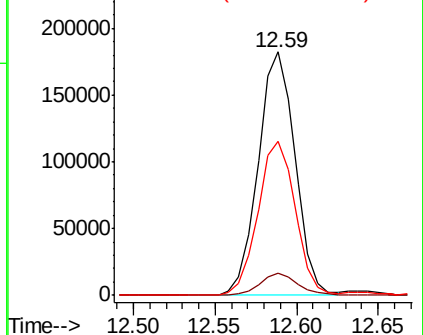
83 100

131 9.4 4.7 14.1

85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 253.903 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY002091.D

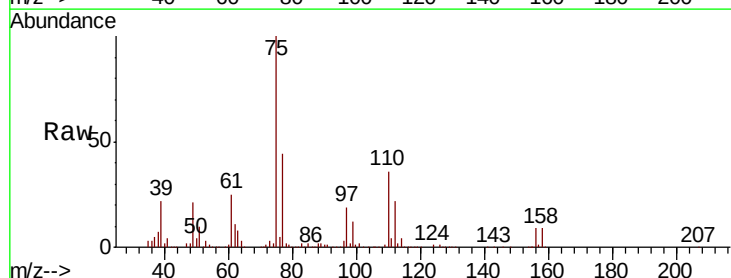
Acq: 26 Mar 2020 17:14

Tgt Ion: 75 Resp: 368132

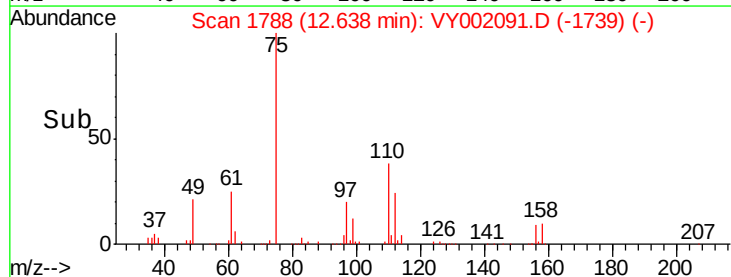
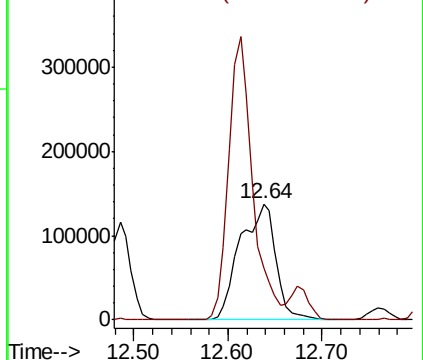
Ion Ratio Lower Upper

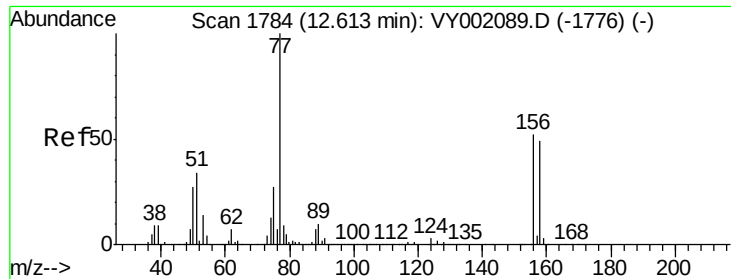
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 140.329 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

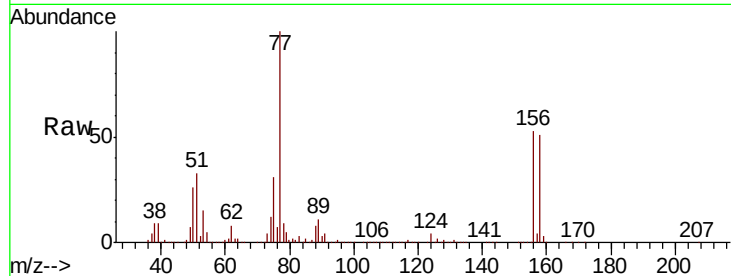
Tot Ion:156 Resp: 274798

Ion Ratio Lower Upper

156 100

77 217.0 107.8 323.6

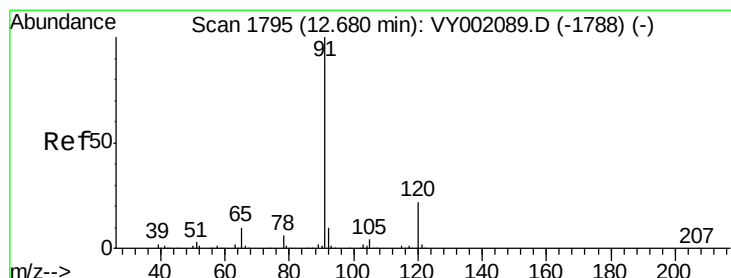
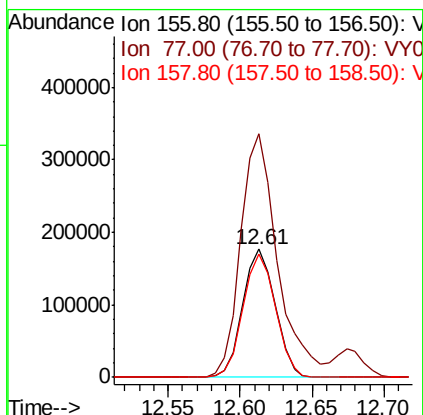
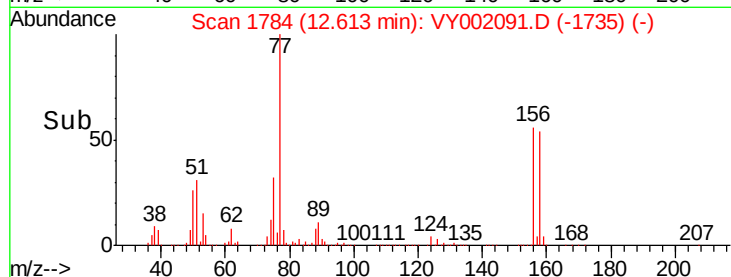
158 96.6 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.087 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002091.D

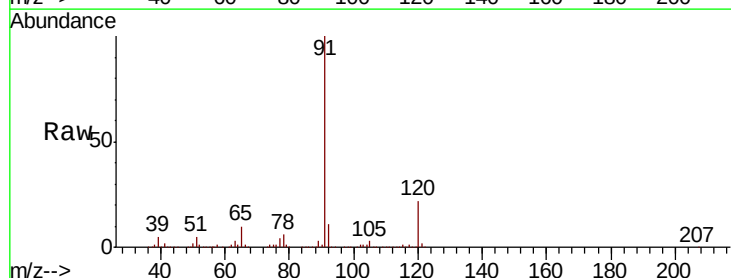
Acq: 26 Mar 2020 17:14

Tgt Ion: 91 Resp: 1570174

Ion Ratio Lower Upper

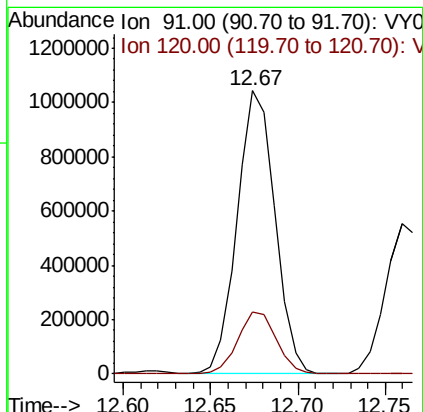
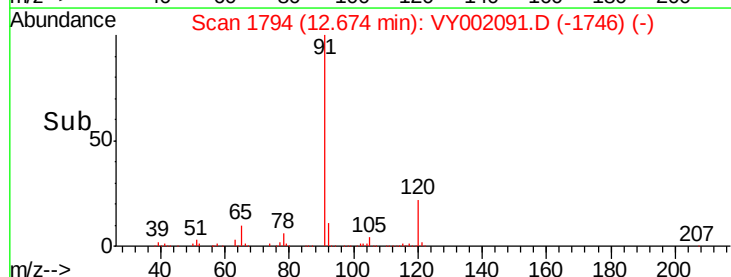
91 100

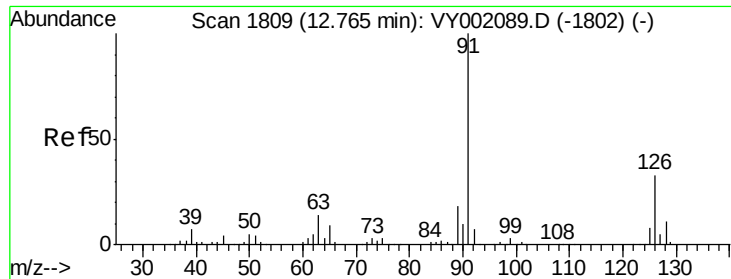
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

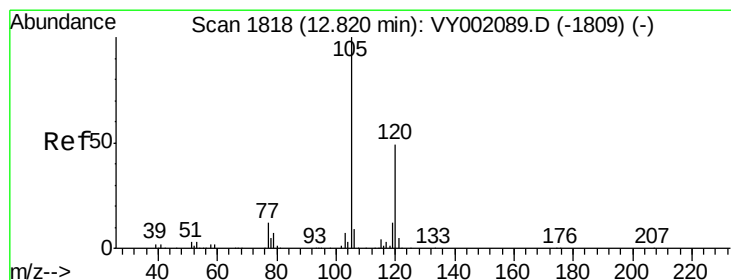
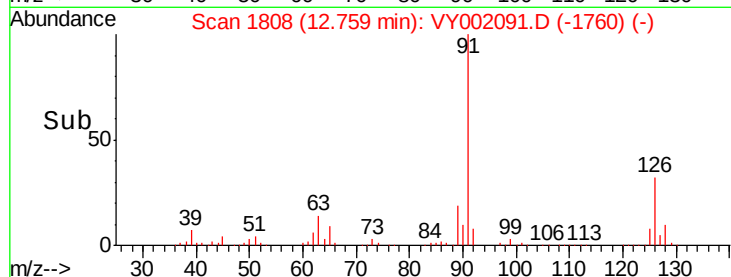
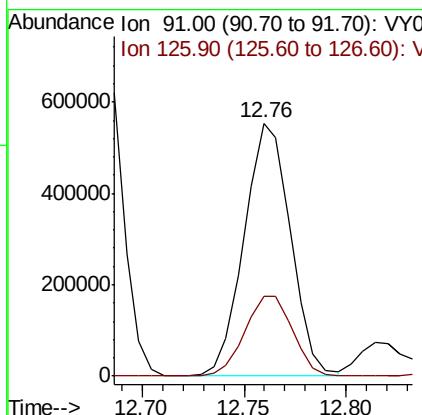
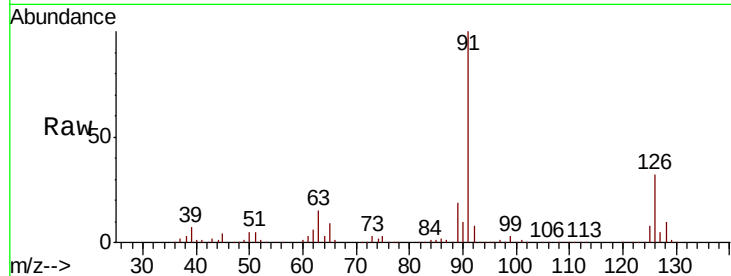




#79
 2-Chlorotoluene
 Concen: 139.499 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

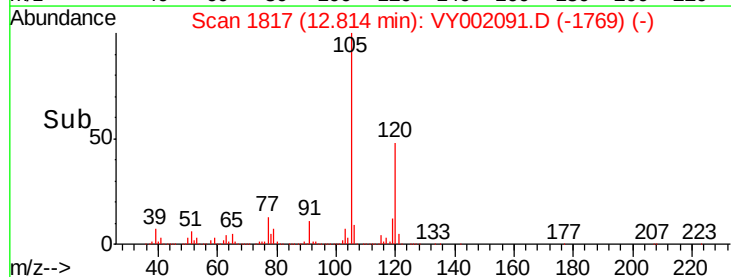
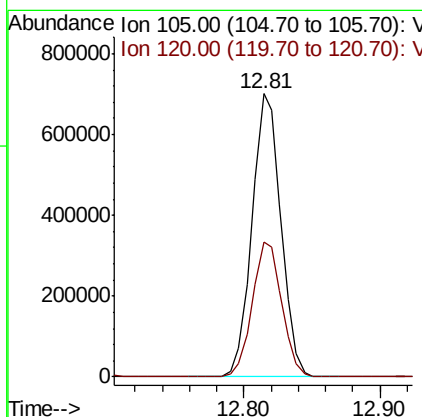
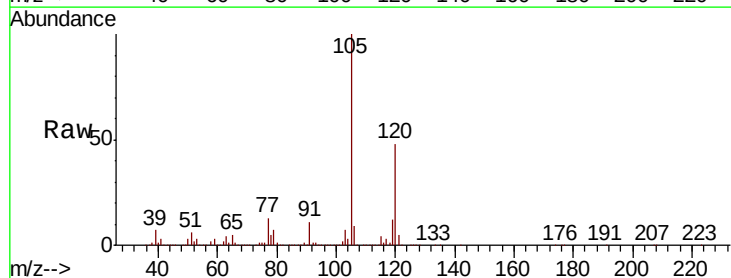
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

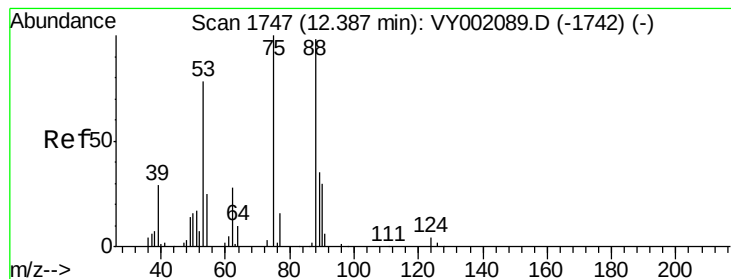
Tot Ion: 91 Resp: 876044
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 137.499 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 105 Resp: 1044728
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 154.252 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

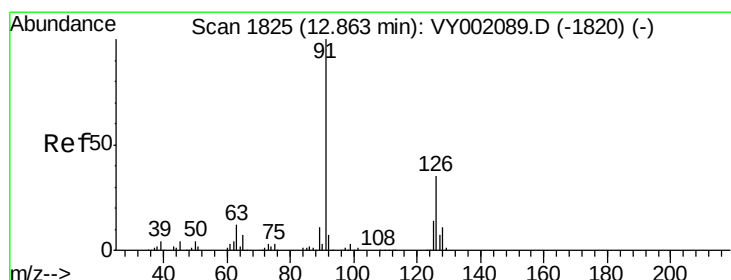
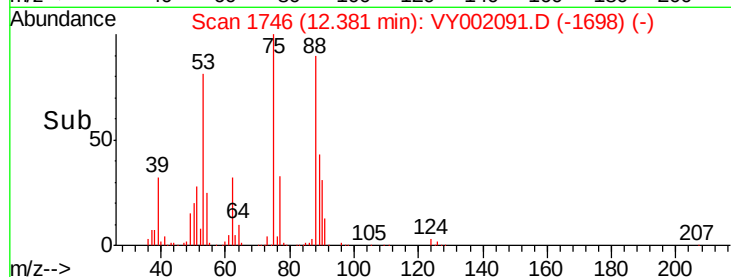
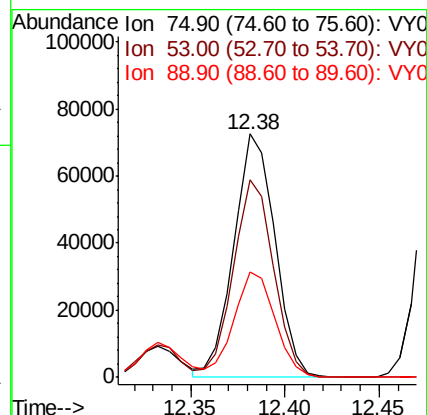
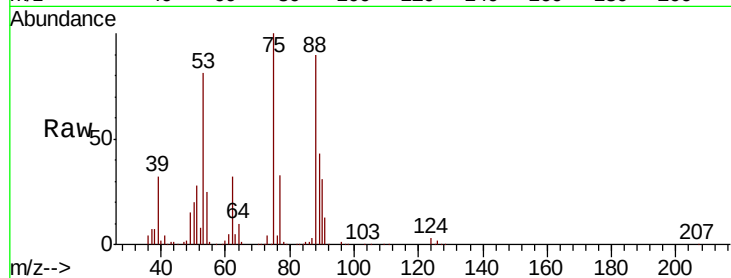
Tot Ion: 75 Resp: 109027

Ion Ratio Lower Upper

75 100

53 80.9 65.0 97.4

89 43.8 33.4 50.0



#82

4-Chlorotoluene

Concen: 138.515 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY002091.D

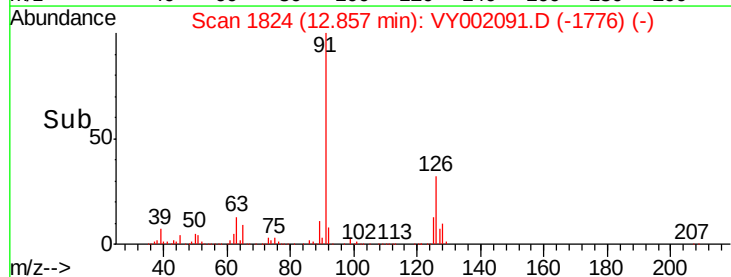
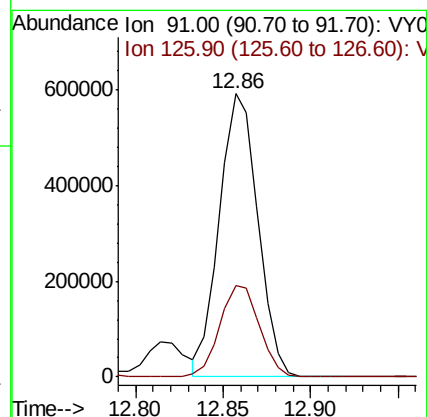
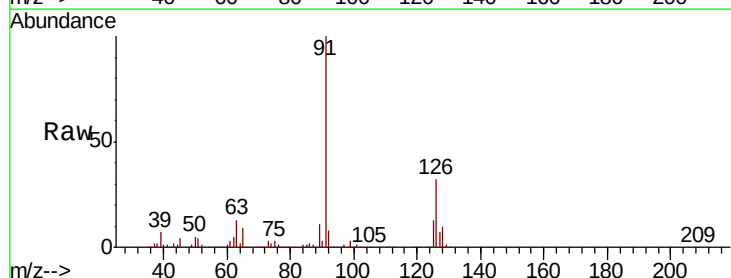
Acq: 26 Mar 2020 17:14

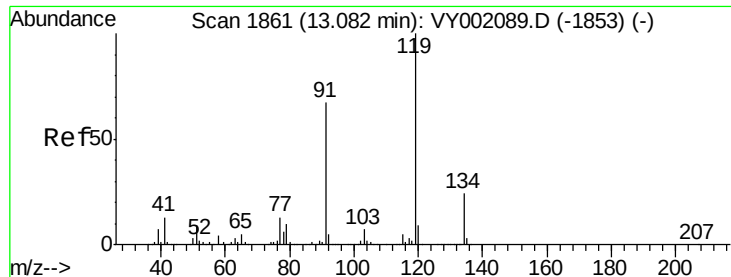
Tgt Ion: 91 Resp: 906968

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.9

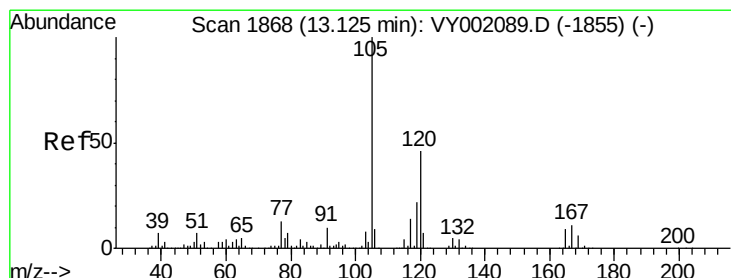
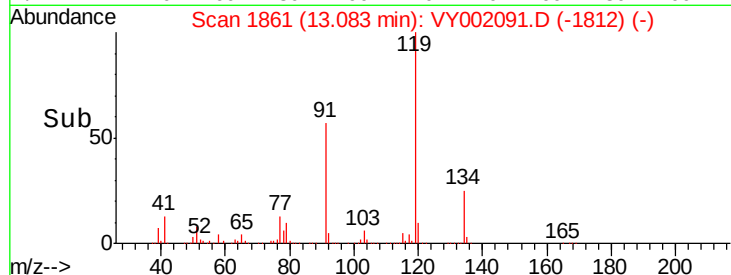
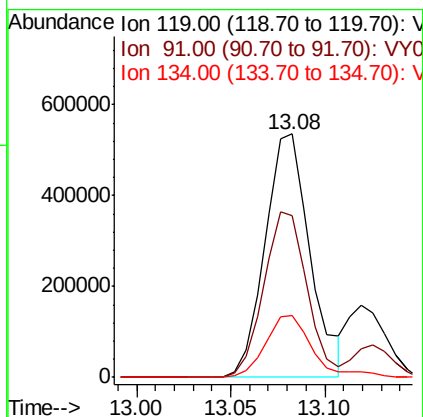
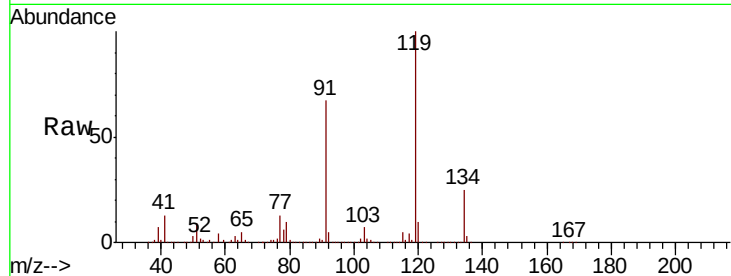




#83
 tert-Butylbenzene
 Concen: 140.639 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

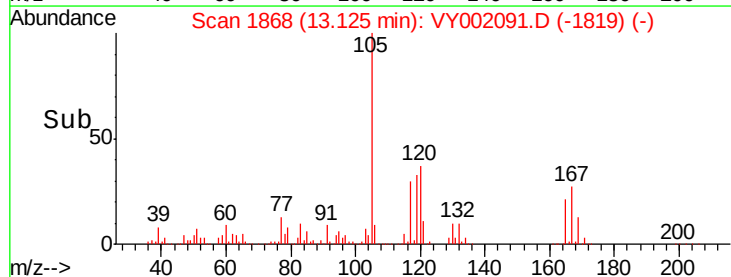
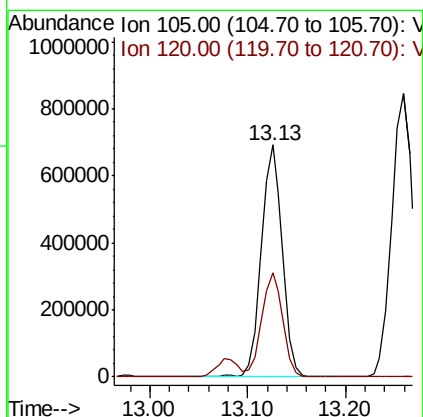
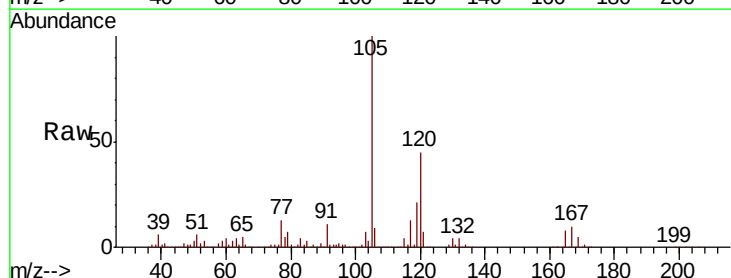
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

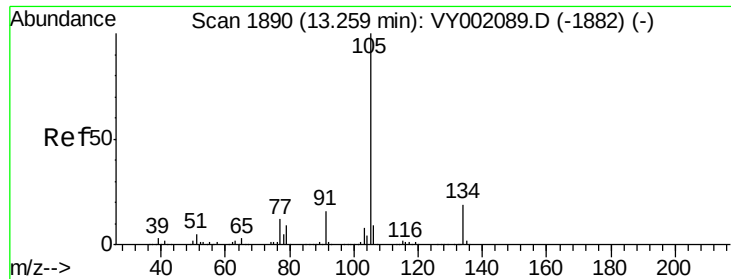
Tot Ion:119 Resp: 890180
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.9 98.6
 134 26.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 136.685 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion:105 Resp: 1029567
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 137.357 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

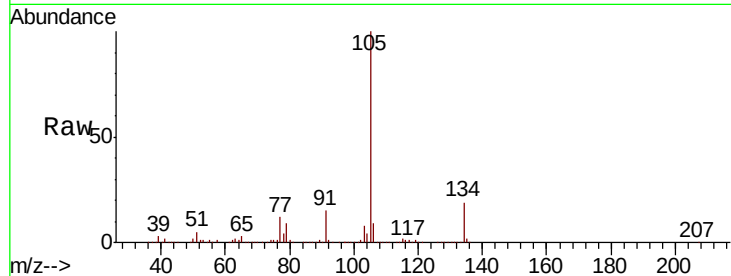
VSTDIC150

Tot Ion:105 Resp: 1278218

Ion Ratio Lower Upper

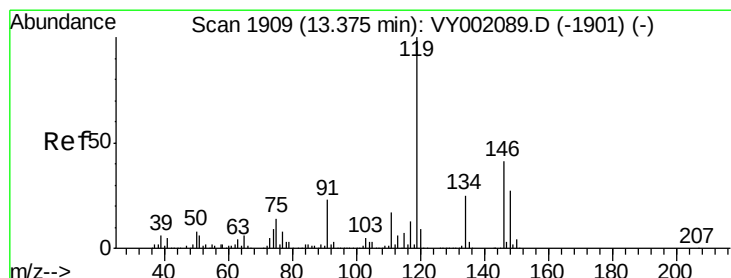
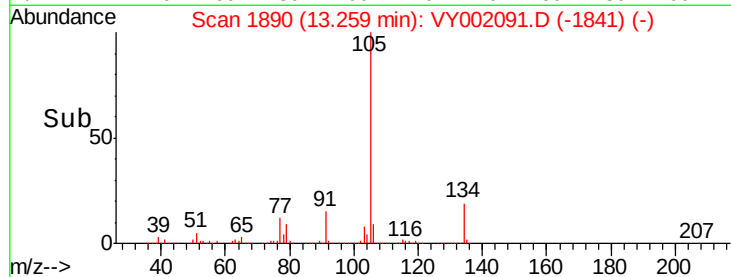
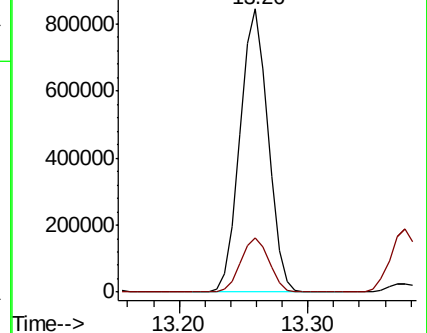
105 100

134 19.4 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: 133.897 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

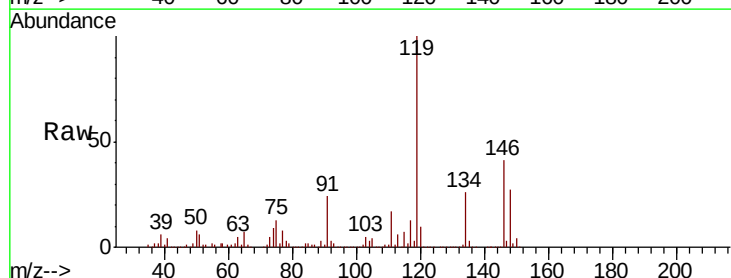
Tgt Ion:119 Resp: 1075371

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

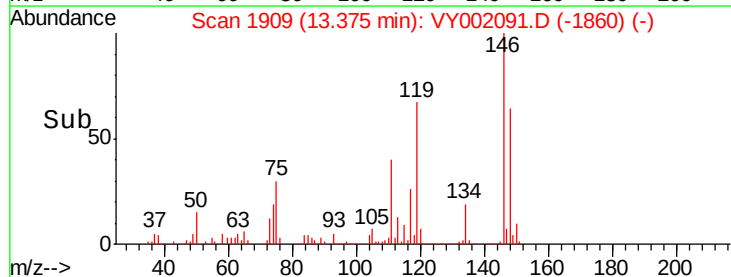
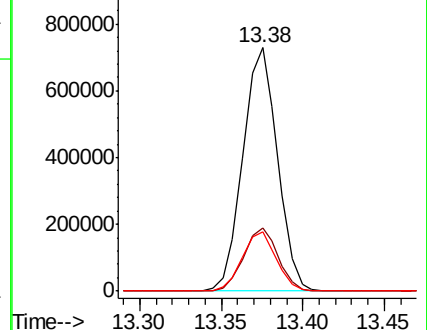
91 23.9 11.8 35.3

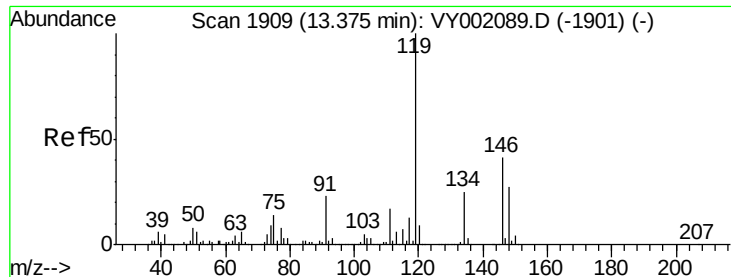


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

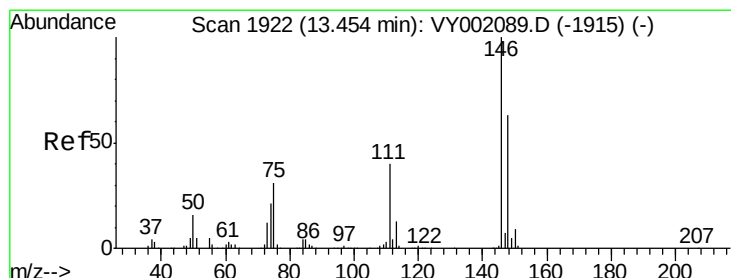
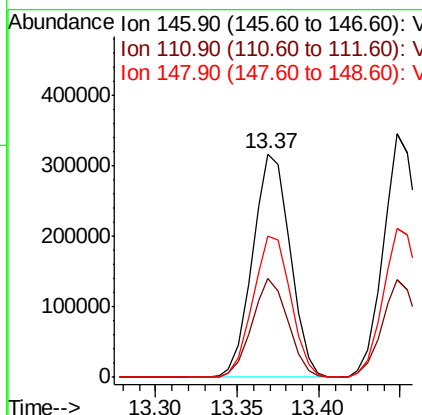
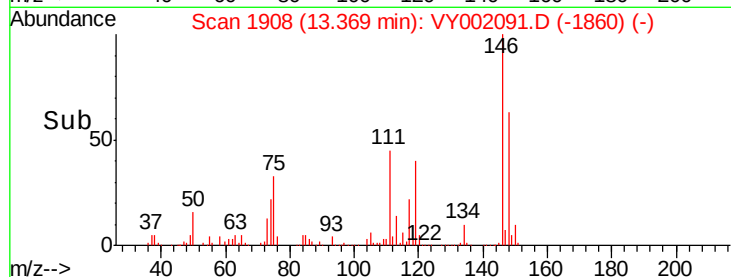
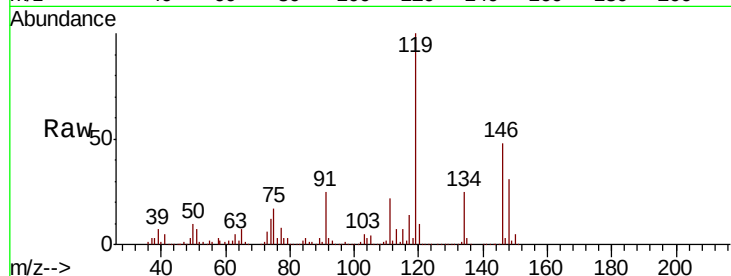




#87
 1,3-Dichlorobenzene
 Concen: 131.844 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

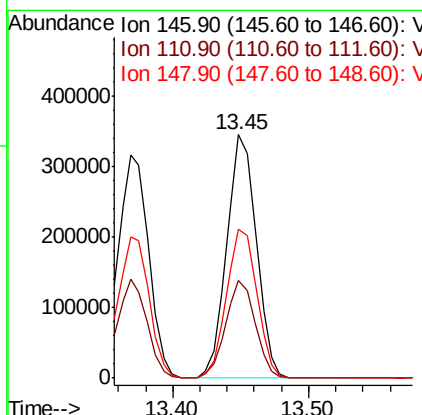
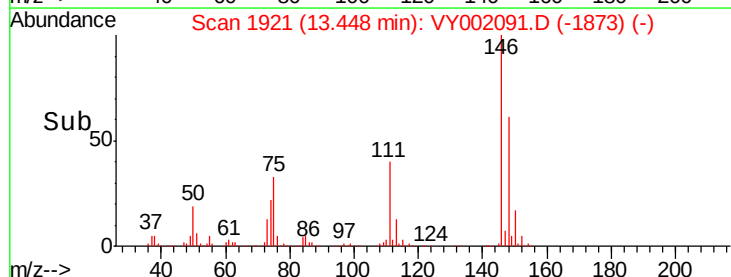
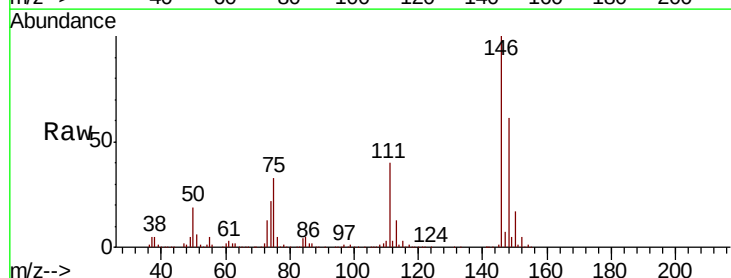
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

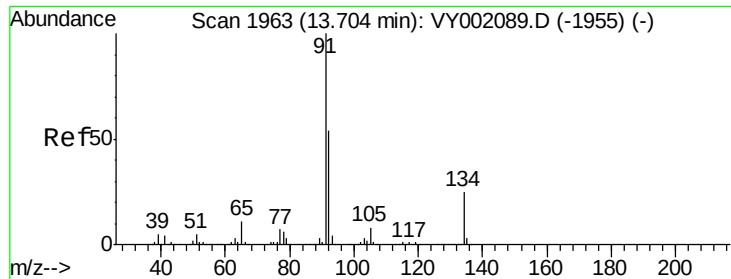
Tot Ion:146 Resp: 504524
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.9 62.8
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 134.588 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion:146 Resp: 522080
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 63.1 31.5 94.5





#89

n-Butylbenzene

Concen: 134.421 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

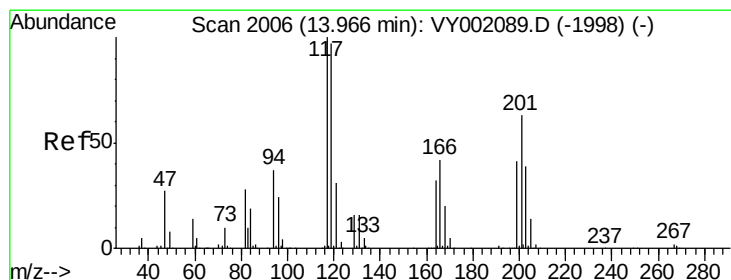
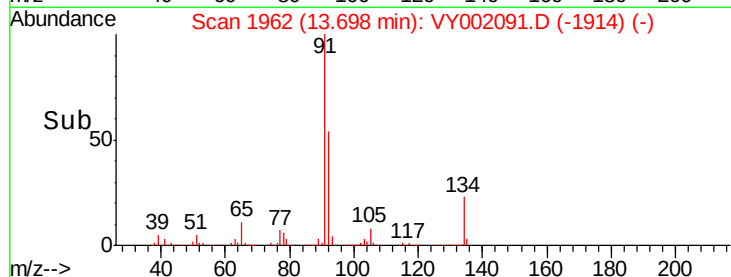
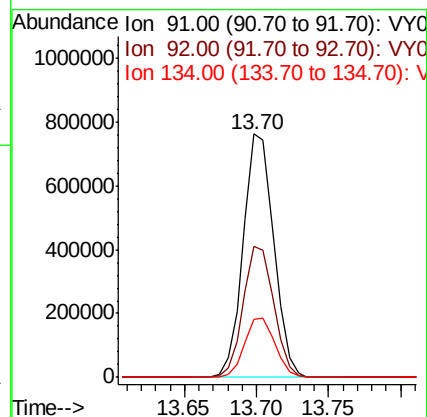
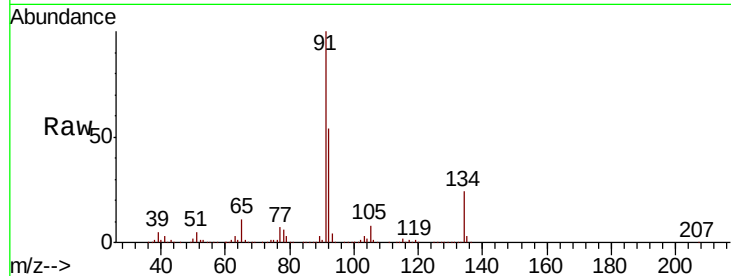
Tot Ion: 91 Resp: 1120564

Ion Ratio Lower Upper

91 100

92 54.1 27.0 81.0

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 141.642 ug/l

RT: 13.97 min Scan# 2006

Delta R.T. 0.00 min

Lab File: VY002091.D

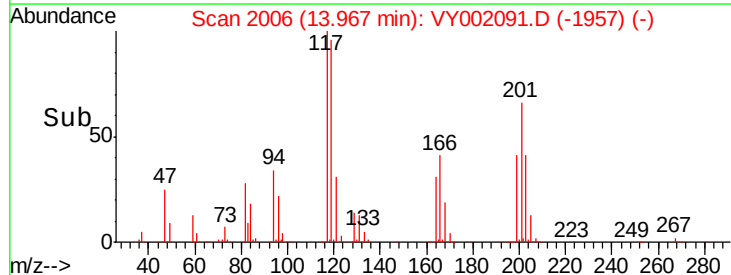
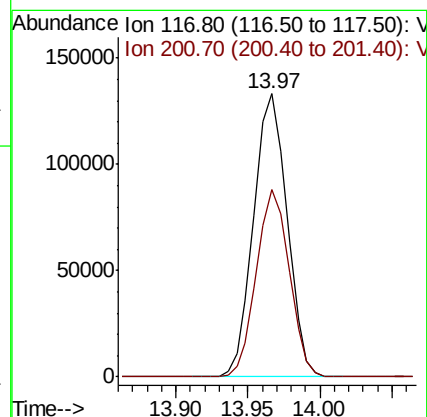
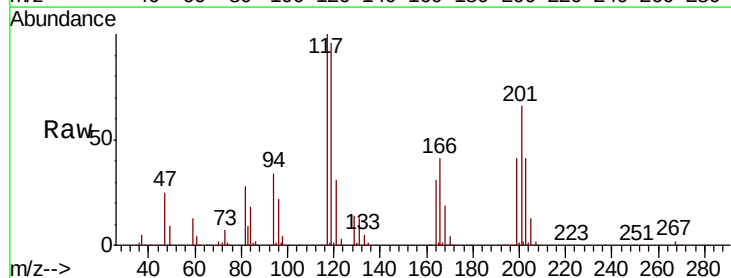
Acq: 26 Mar 2020 17:14

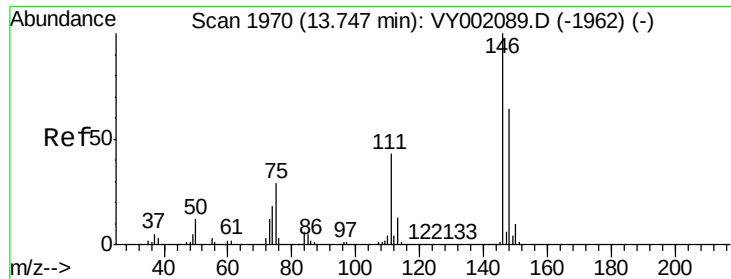
Tgt Ion: 117 Resp: 214549

Ion Ratio Lower Upper

117 100

201 65.1 31.6 94.8

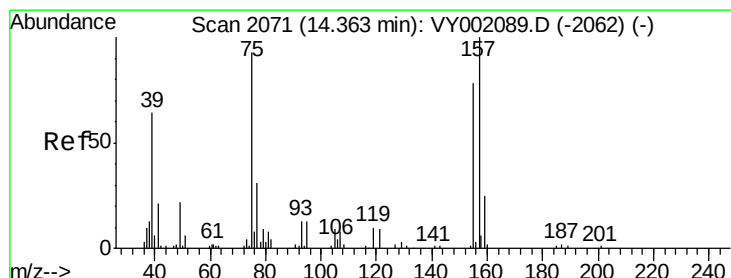
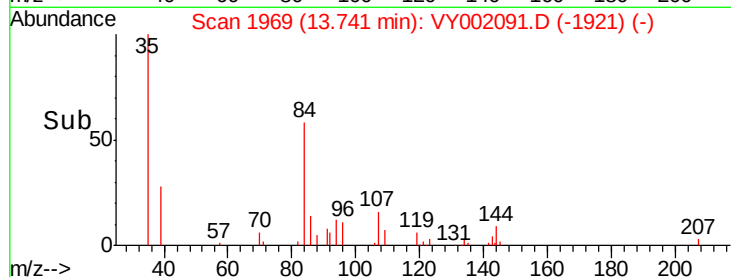
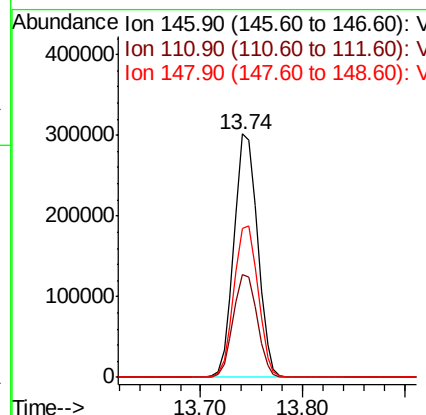
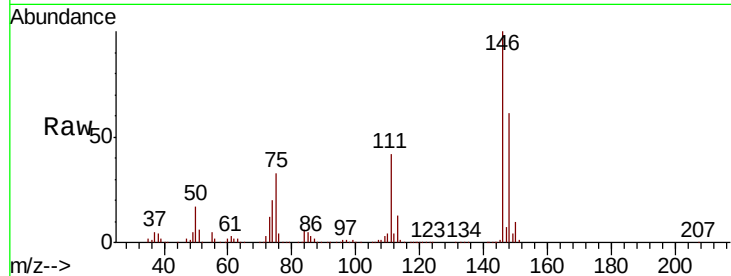




#91
 1,2-Dichlorobenzene
 Concen: 137.726 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

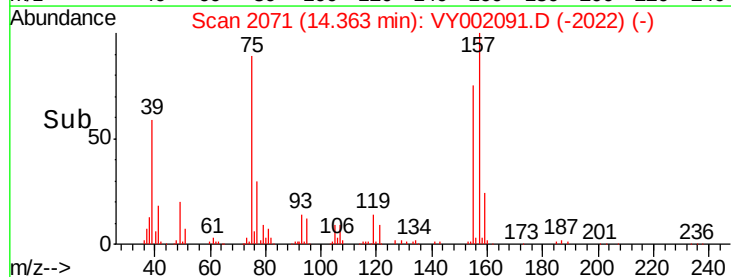
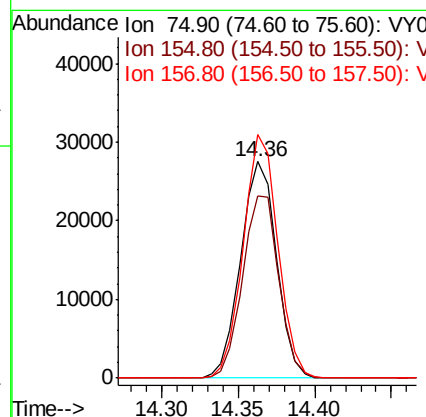
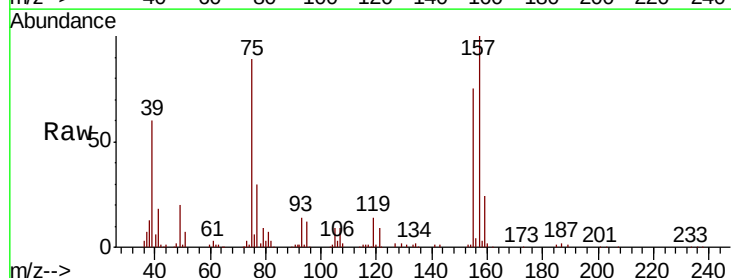
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

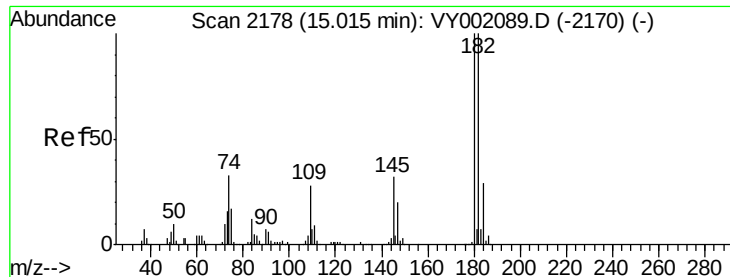
Tot Ion:146 Resp: 480624
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.7
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 144.555 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion: 75 Resp: 44737
 Ion Ratio Lower Upper
 75 100
 155 84.8 41.6 124.9
 157 108.7 53.4 160.3

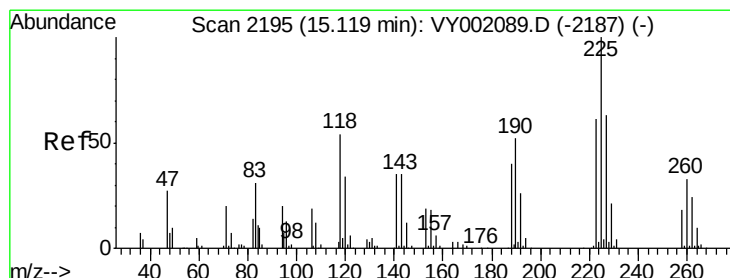
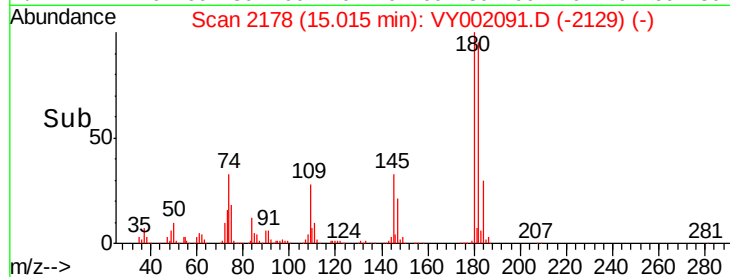
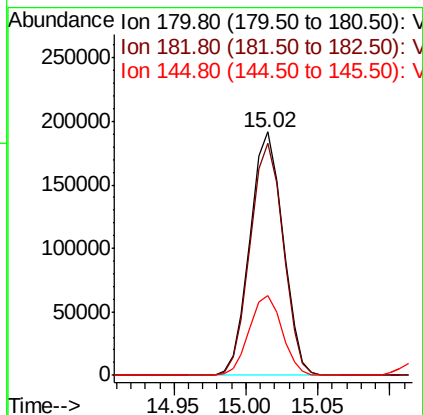
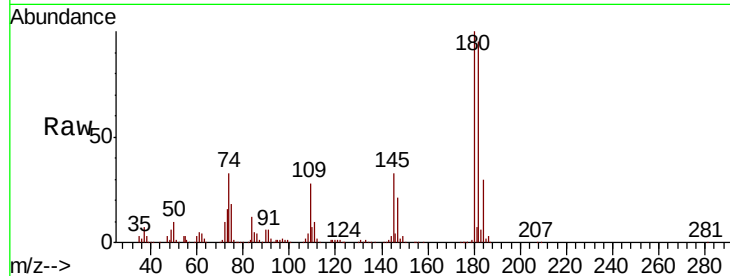




#93
 1,2,4-Trichlorobenzene
 Concen: 135.394 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

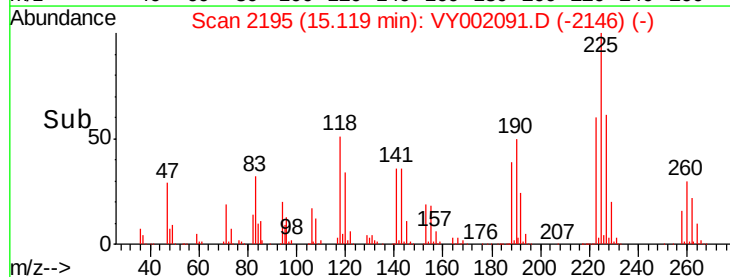
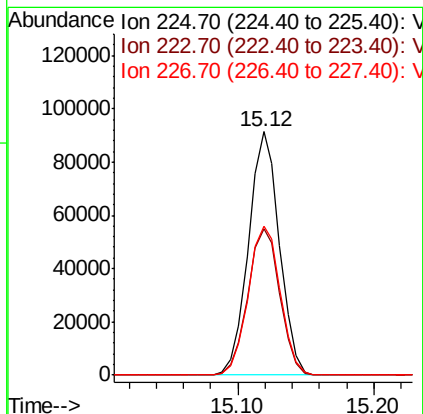
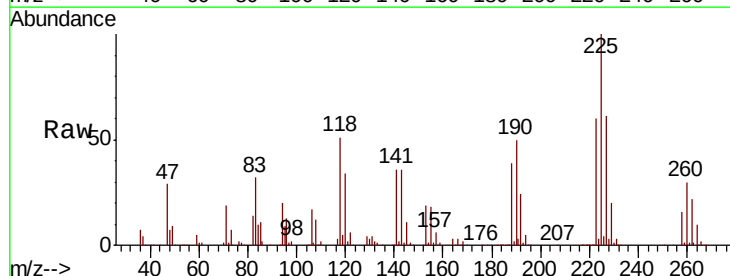
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

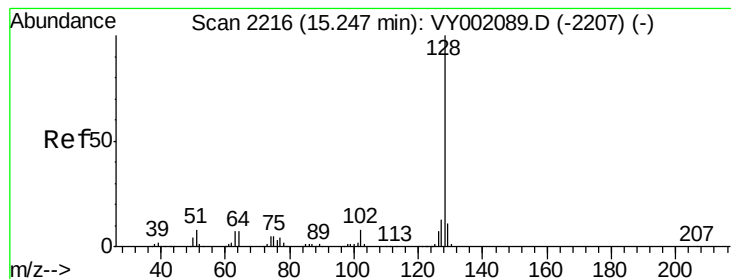
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	32.7	15.9	47.6



#94
 Hexachlorobutadiene
 Concen: 131.635 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002091.D
 Acq: 26 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.3
227	63.5	31.6	94.7





#95

Naphthalene

Concen: 144.602 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

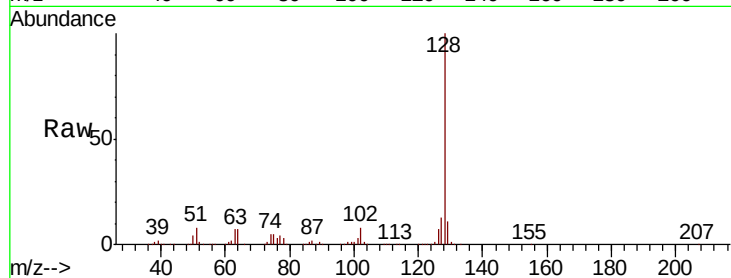
Tot Ion:128 Resp: 772597

Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.8

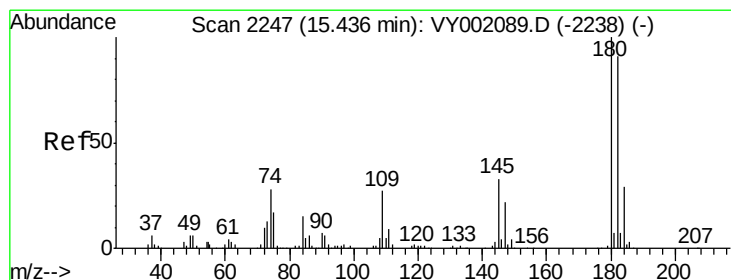
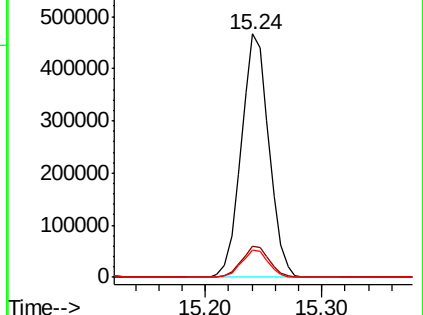
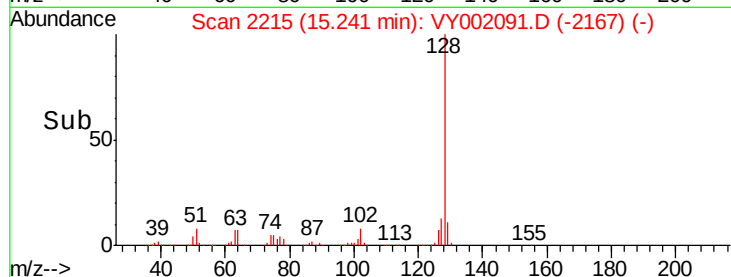
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 139.366 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002091.D

Acq: 26 Mar 2020 17:14

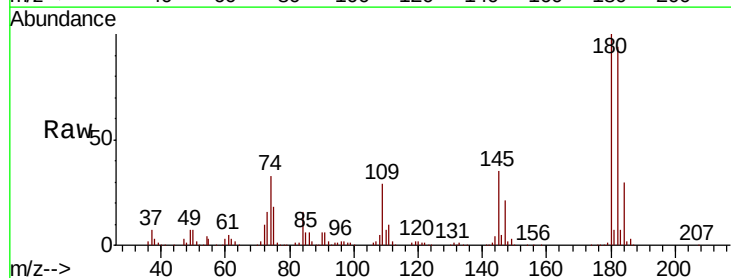
Tgt Ion:180 Resp: 277772

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.3

145 33.6 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

