

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040620\
 Data File : VY002226.D
 Acq On : 06 Apr 2020 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 07 04:21:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	169562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	91123	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.74	113	87846	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.19	98	359987	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.49	95	126190	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	50534	45.738	ug/l	98
3) Chloromethane	2.13	50	82337	41.552	ug/l	99
4) Vinyl Chloride	2.27	62	86804	43.072	ug/l	99
5) Bromomethane	2.66	94	60717	46.165	ug/l	99
6) Chloroethane	2.81	64	58492	45.201	ug/l	95
7) Trichlorofluoromethane	3.15	101	132783	48.080	ug/l	100
8) Diethyl Ether	3.55	74	57356	49.034	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	90004	49.673	ug/l	98
10) Methyl Iodide	4.11	142	105020	48.743	ug/l	99
11) Tert butyl alcohol	4.99	59	51409	232.732	ug/l	98
12) 1,1-Dichloroethene	3.90	96	91543	49.755	ug/l	96
13) Acrolein	3.76	56	75394	273.084	ug/l	100
14) Allyl chloride	4.51	41	161999	48.096	ug/l	99
15) Acrylonitrile	5.19	53	153842	250.926	ug/l	99
16) Acetone	3.97	43	150660	286.084	ug/l	94
17) Carbon Disulfide	4.22	76	291294	47.706	ug/l	99
18) Methyl Acetate	4.50	43	64212	46.955	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	259842	50.625	ug/l	96
20) Methylene Chloride	4.74	84	105461	48.183	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	105129	50.184	ug/l	97
22) Diisopropyl ether	6.14	45	333773	48.422	ug/l	96
23) Vinyl Acetate	6.08	43	1100610	243.498	ug/l	98
24) 1,1-Dichloroethane	6.05	63	182521	49.802	ug/l	99
25) 2-Butanone	7.01	43	211370	261.390	ug/l	98
26) 2,2-Dichloropropane	7.00	77	151629	50.234	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	115233	50.000	ug/l	99
28) Bromochloromethane	7.35	49	80670	48.214	ug/l	96
29) Tetrahydrofuran	7.36	42	128294	241.985	ug/l	97
30) Chloroform	7.53	83	173064	49.819	ug/l	99
31) Cyclohexane	7.80	56	176920	45.303	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	146447	50.492	ug/l	98
36) 1,1-Dichloropropene	7.94	75	144200	49.811	ug/l	99
37) Ethyl Acetate	7.10	43	84053	48.046	ug/l	98
38) Carbon Tetrachloride	7.92	117	126374	51.453	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	186962	49.236	ug/l	96
40) Benzene	8.17	78	423782	49.420	ug/l	98
41) Methacrylonitrile	7.36	41	113523	128.289	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	111871	49.139	ug/l	100
43) Isopropyl Acetate	8.28	43	158471	48.806	ug/l	98
44) Trichloroethene	8.96	130	106738	51.637	ug/l	96
45) 1,2-Dichloropropane	9.23	63	109617	50.204	ug/l	99
46) Dibromomethane	9.32	93	56633	50.506	ug/l	97
47) Bromodichloromethane	9.51	83	135369	51.858	ug/l	97
48) Methyl methacrylate	9.30	41	71544	49.169	ug/l	98
49) 1,4-Dioxane	9.31	88	14943	971.131	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	415514	248.522	ug/l	98
52) Toluene	10.25	92	262899	50.689	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148907	51.395	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	174370	51.117	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	84717	51.047	ug/l	98
56) Ethyl methacrylate	10.52	69	124955	51.550	ug/l	96
57) 1,3-Dichloropropane	10.80	76	146858	50.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	323875	260.029	ug/l	98
59) 2-Hexanone	10.84	43	305802	259.650	ug/l	97
60) Dibromochloromethane	10.99	129	92071	53.017	ug/l	100
61) 1,2-Dibromoethane	11.10	107	79089	50.915	ug/l	100
64) Tetrachloroethene	10.73	164	88372	53.480	ug/l	97
65) Chlorobenzene	11.52	112	267407	51.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	91137	52.253	ug/l	99
67) Ethyl Benzene	11.60	91	503314	51.980	ug/l	98
68) m/p-Xylenes	11.71	106	374608	104.637	ug/l	98
69) o-Xylene	12.03	106	174811	51.474	ug/l	99
70) Styrene	12.05	104	306449	52.075	ug/l	100
71) Bromoform	12.22	173	52397	54.849	ug/l #	99
73) Isopropylbenzene	12.34	105	471894	51.485	ug/l	100
74) N-amyl acetate	12.15	43	143701	49.710	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	102533	51.986	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	132068	95.555	ug/l #	100
77) Bromobenzene	12.62	156	102540	52.407	ug/l	97
78) n-propylbenzene	12.68	91	585242	51.453	ug/l	100
79) 2-Chlorotoluene	12.77	91	317324	50.811	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	393350	52.017	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38781	54.361	ug/l	97
82) 4-Chlorotoluene	12.86	91	335708	51.012	ug/l	100
83) tert-Butylbenzene	13.08	119	324843	51.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	389847	51.671	ug/l	99
85) sec-Butylbenzene	13.26	105	482814	51.642	ug/l	100
86) p-Isopropyltoluene	13.38	119	419832	52.292	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	195907	51.182	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	198833	51.622	ug/l	99
89) n-Butylbenzene	13.70	91	423544	50.632	ug/l	99
90) Hexachloroethane	13.97	117	81333	53.762	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	181457	51.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15576	49.302	ug/l	97

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QLast Update : Fri Mar 27 07:11:05 2020
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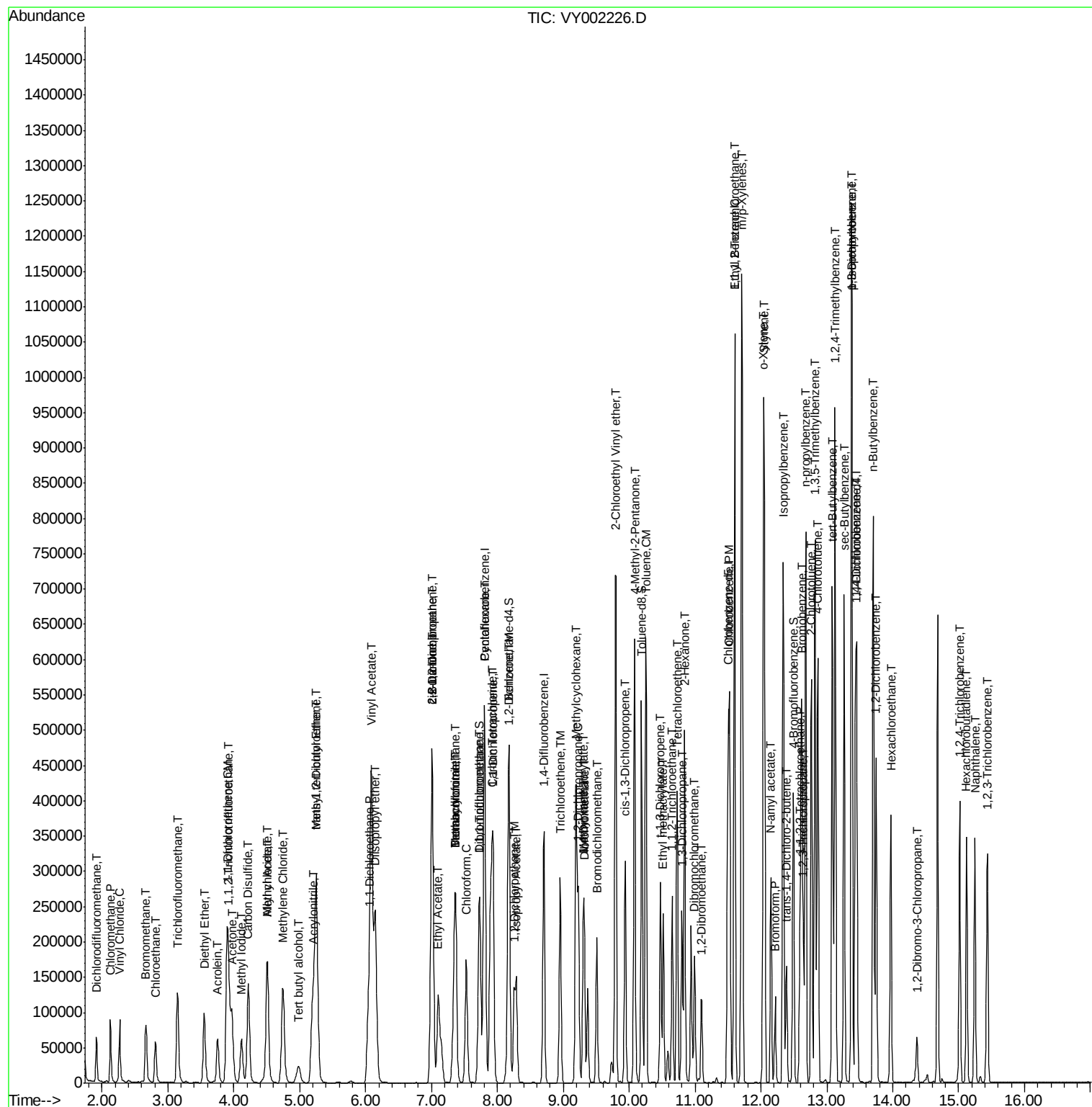
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	114771	50.375	ug/l	98
94) Hexachlorobutadiene	15.12	225	56105	49.888	ug/l	97
95) Naphthalene	15.25	128	277867	51.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	101966	49.353	ug/l	98

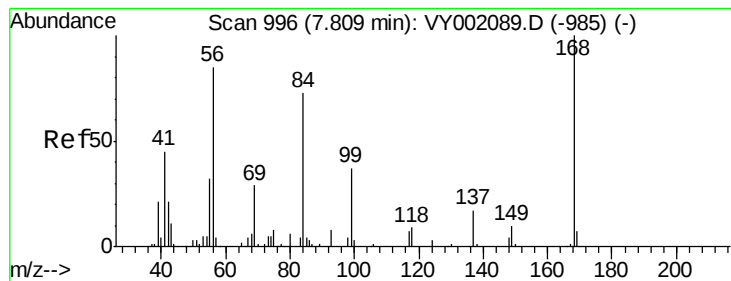
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

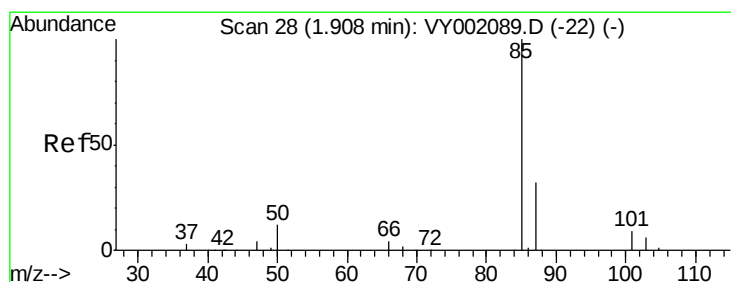
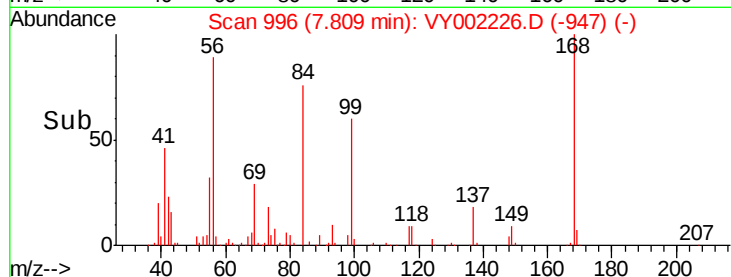
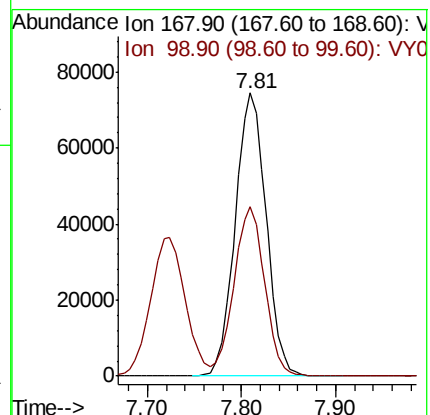
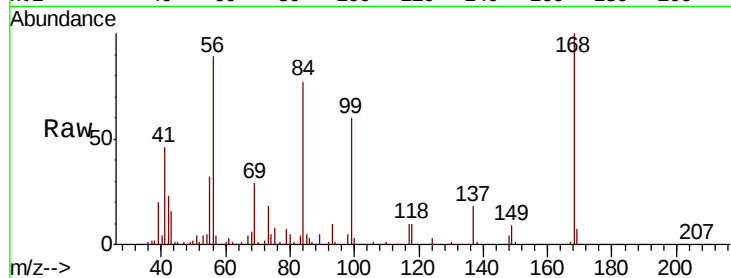
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 169562

Ion Ratio Lower Upper

168 100

99 59.7 47.6 71.4



#2

Dichlorodifluoromethane

Concen: 45.738 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002226.D

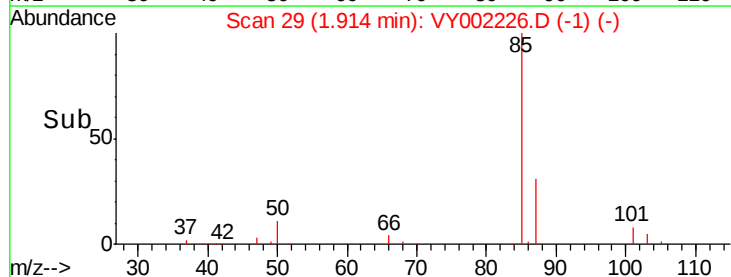
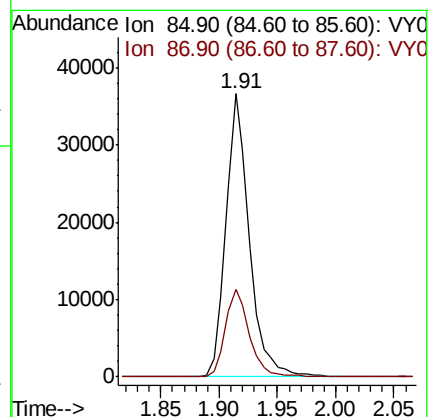
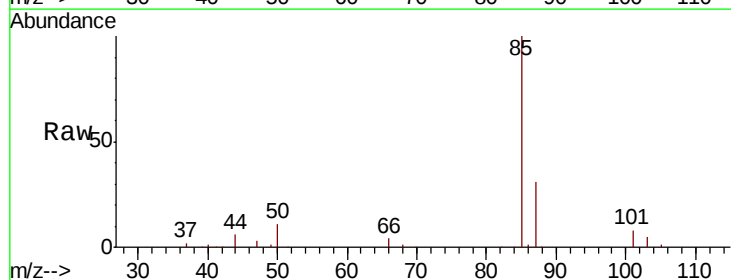
Acq: 06 Apr 2020 10:10

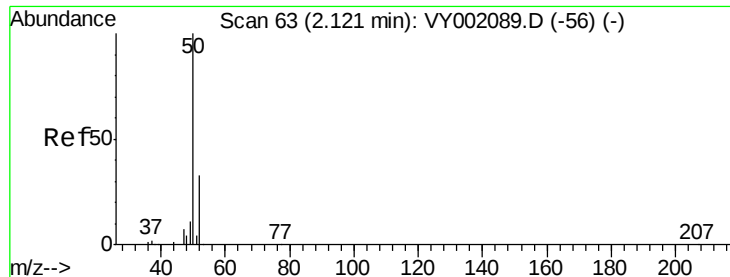
Tgt Ion: 85 Resp: 50534

Ion Ratio Lower Upper

85 100

87 30.9 16.0 48.0





#3

Chloromethane

Concen: 41.552 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

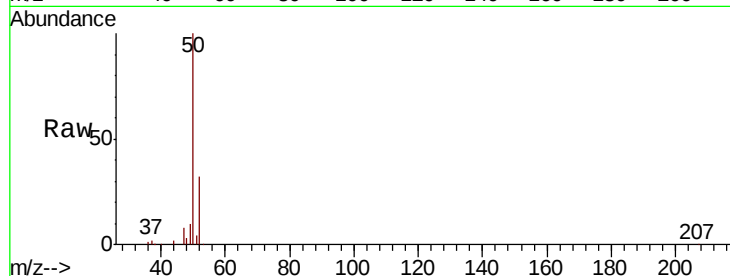
ClientSampleId :

Tot Ion: 50 Resp: 82337

Ion Ratio Lower Upper

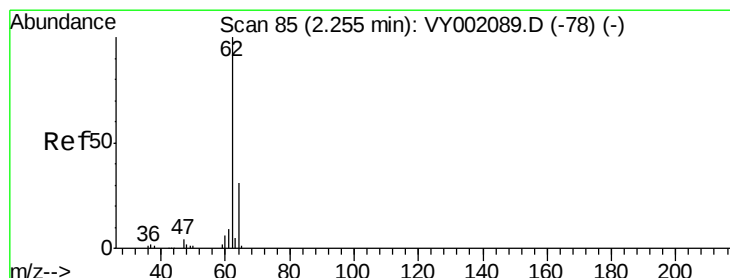
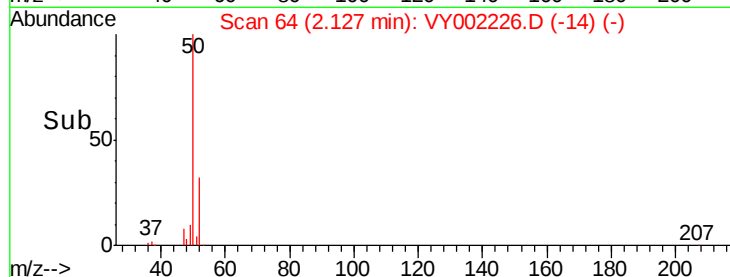
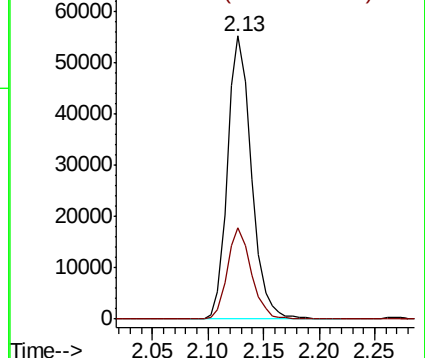
50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 43.072 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002226.D

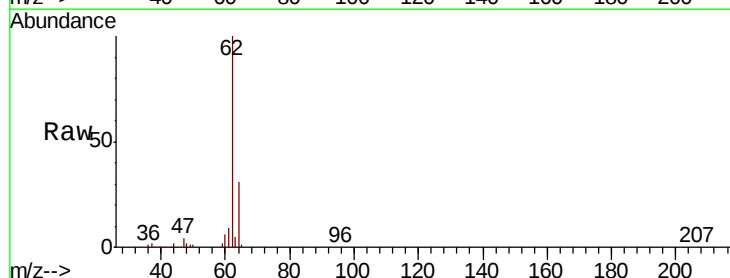
Acq: 06 Apr 2020 10:10

Tgt Ion: 62 Resp: 86804

Ion Ratio Lower Upper

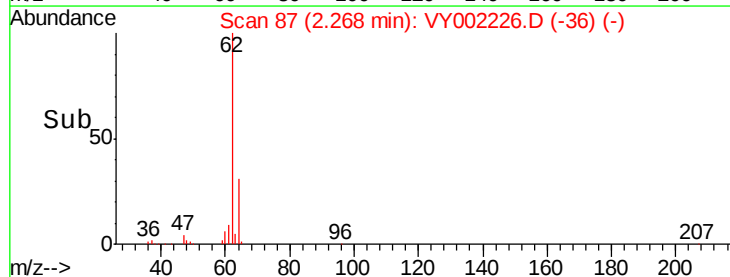
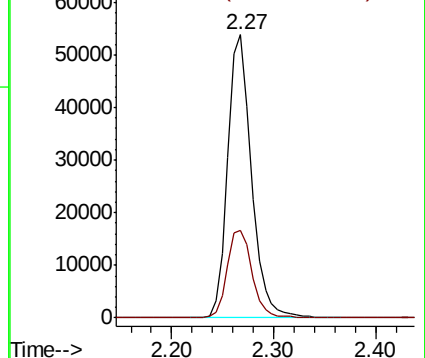
62 100

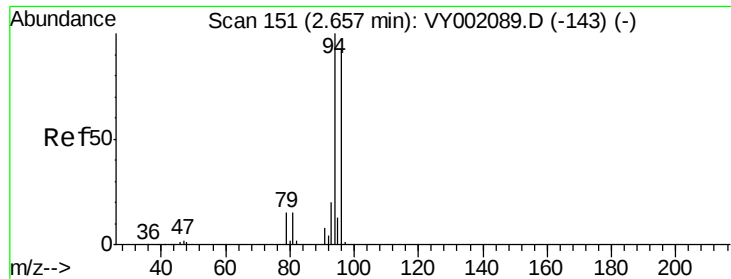
64 30.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.165 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

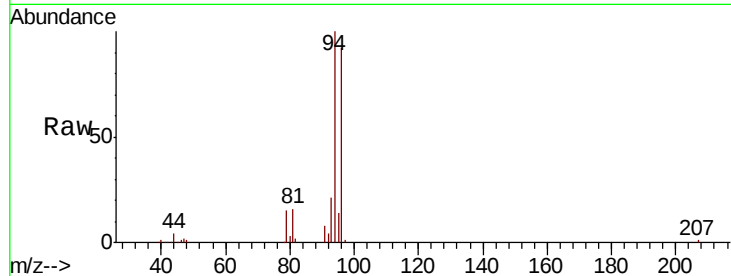
ClientSampleId :

Tot Ion: 94 Resp: 60717

Ion Ratio Lower Upper

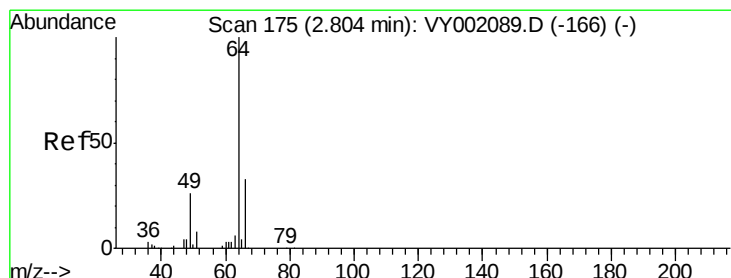
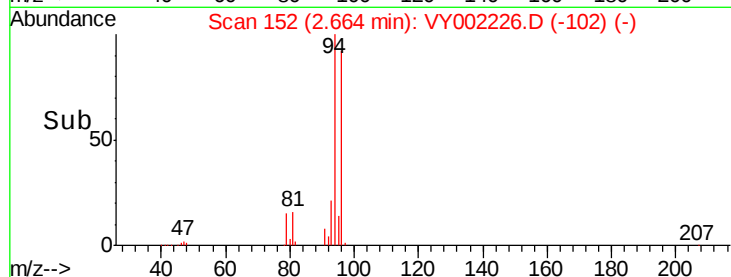
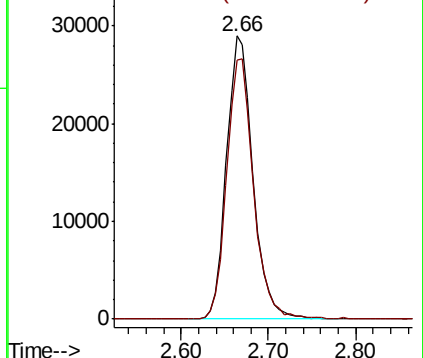
94 100

96 91.7 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: 45.201 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002226.D

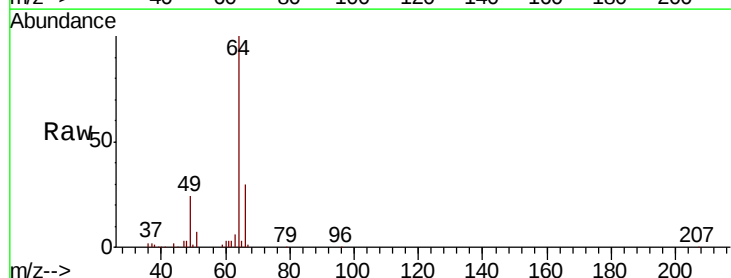
Acq: 06 Apr 2020 10:10

Tgt Ion: 64 Resp: 58492

Ion Ratio Lower Upper

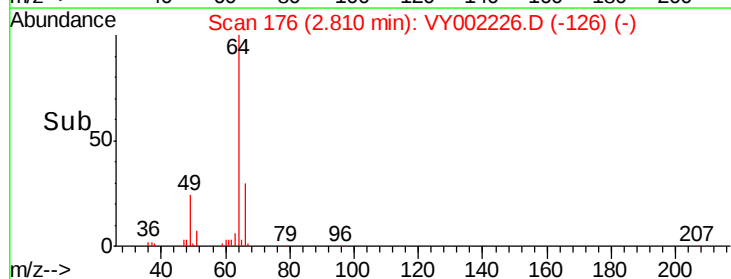
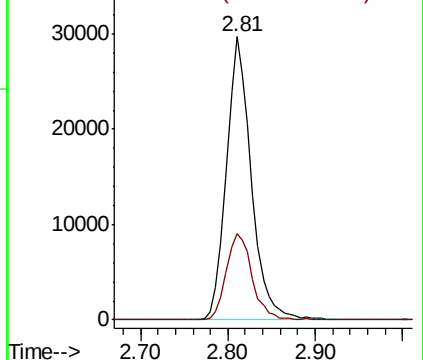
64 100

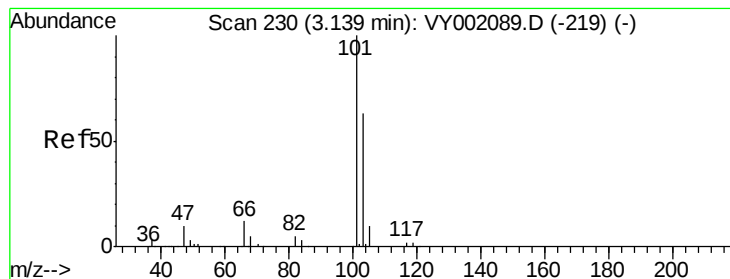
66 30.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



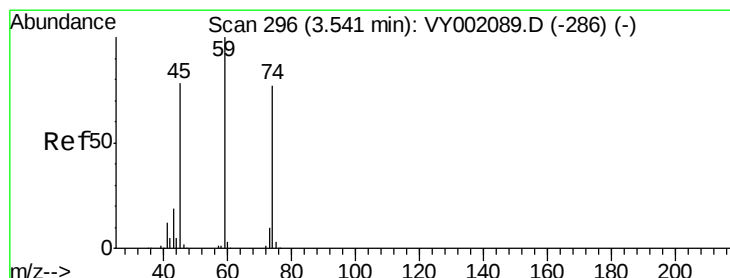
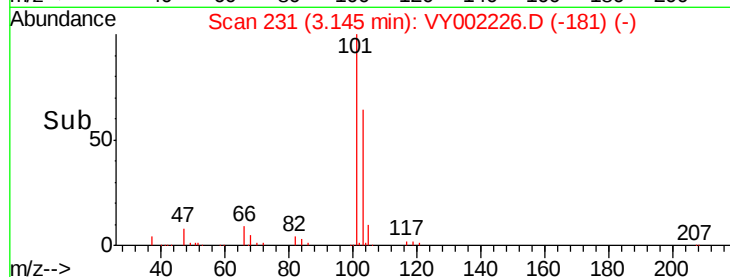
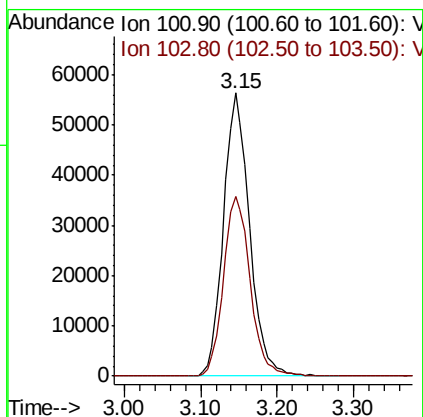
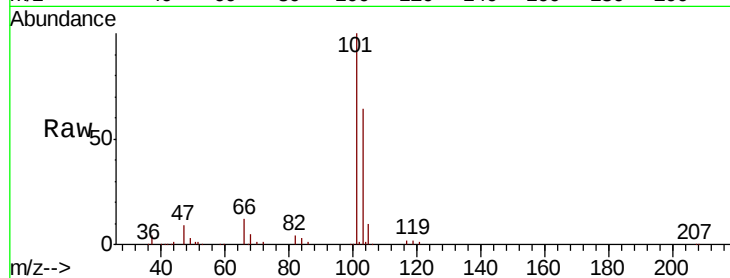


#7

Trichlorofluoromethane
 Concen: 48.080 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

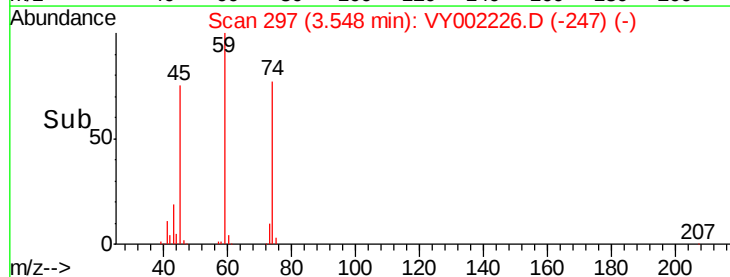
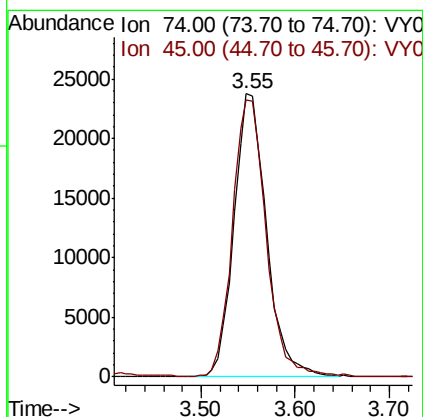
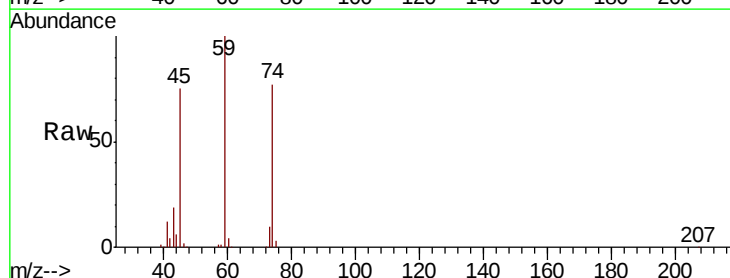
Tot Ion:101 Resp: 132783
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 76.0

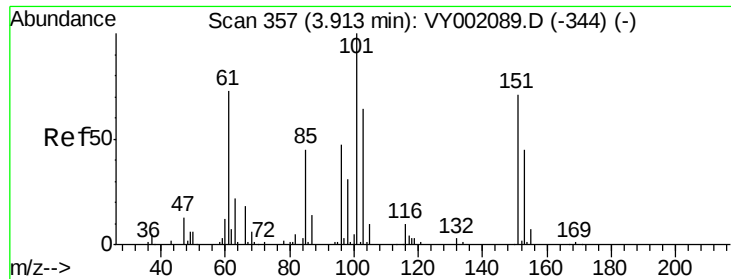


#8

Diethyl Ether
 Concen: 49.034 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion: 74 Resp: 57356
 Ion Ratio Lower Upper
 74 100
 45 101.3 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.673 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

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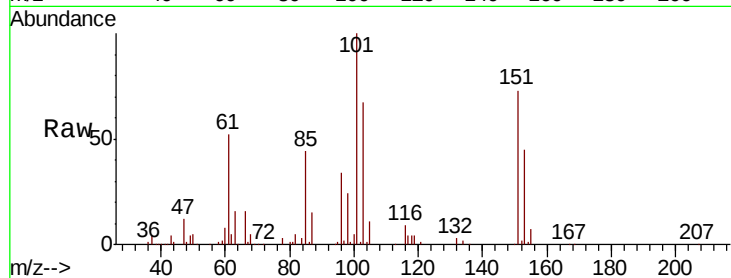
Tot Ion:101 Resp: 90004

Ion Ratio Lower Upper

101 100

85 43.3 35.9 53.9

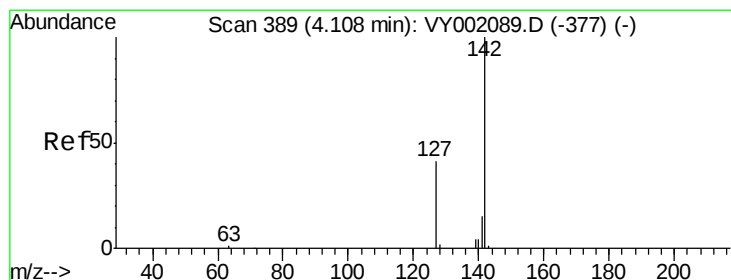
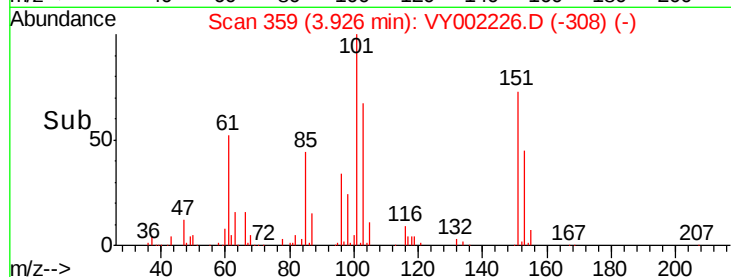
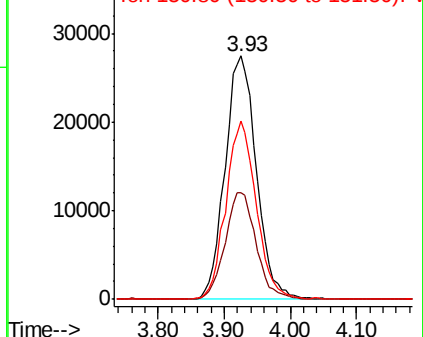
151 70.9 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.743 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

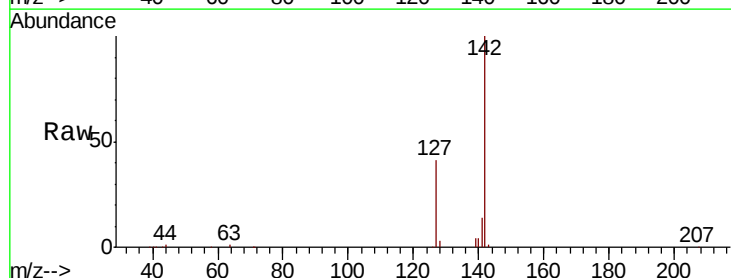
Tgt Ion:142 Resp: 105020

Ion Ratio Lower Upper

142 100

127 40.5 32.6 49.0

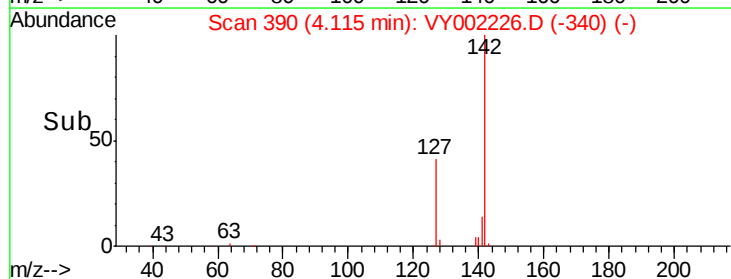
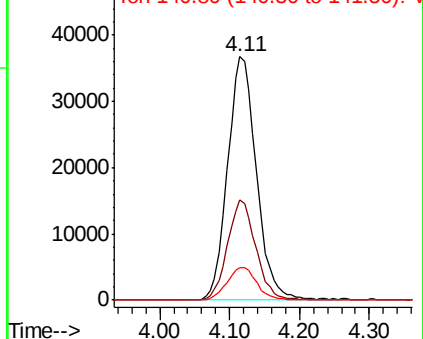
141 13.8 11.4 17.0

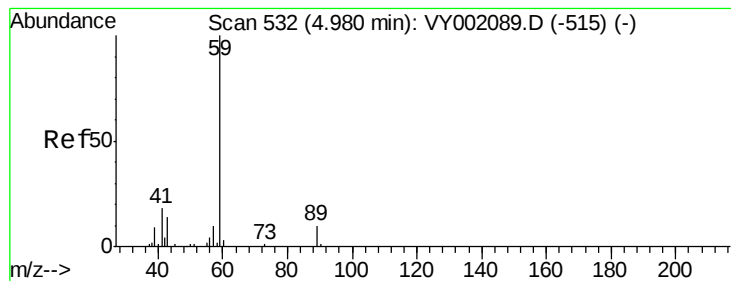


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



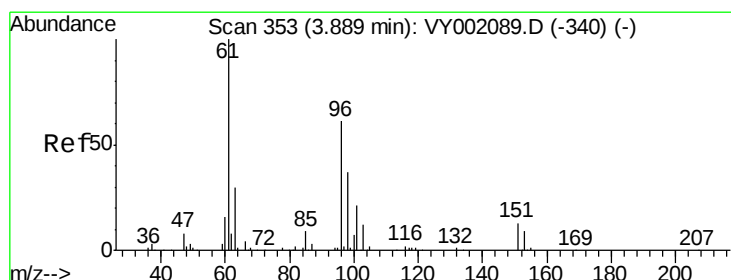
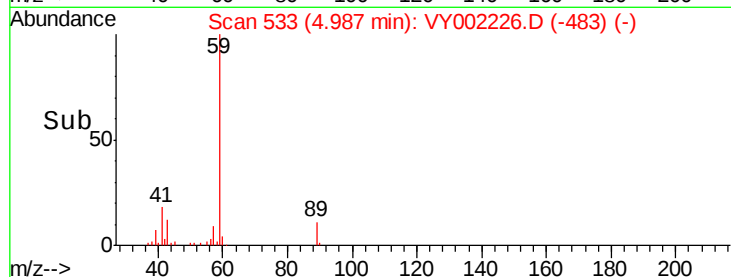
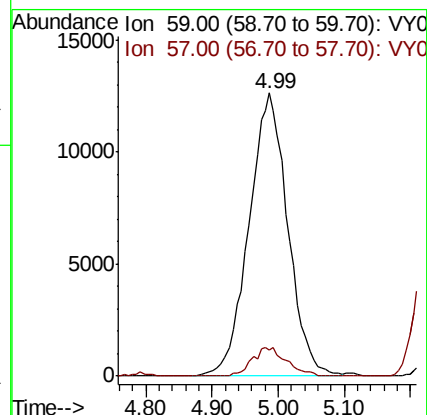
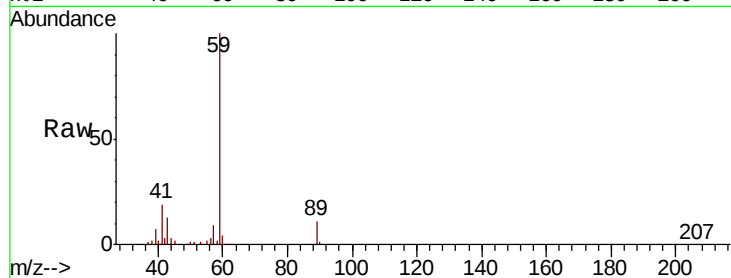


#11

Tert butyl alcohol
 Concen: 232.732 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampled :

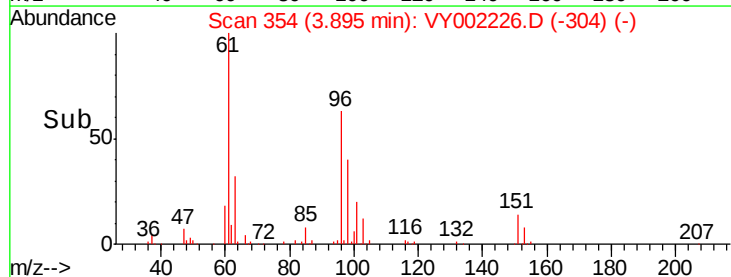
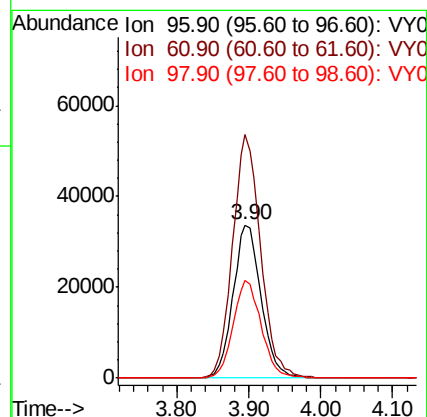
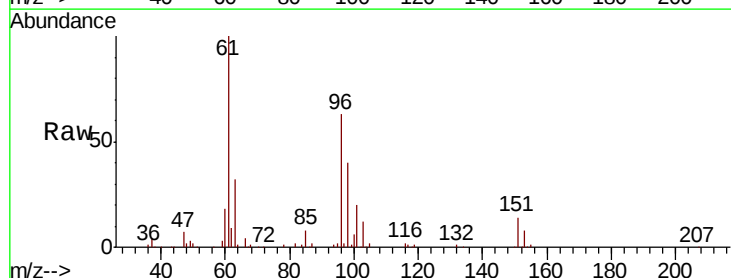
Tot Ion: 59 Resp: 51409
 Ion Ratio Lower Upper
 59 100
 57 9.0 7.7 11.5

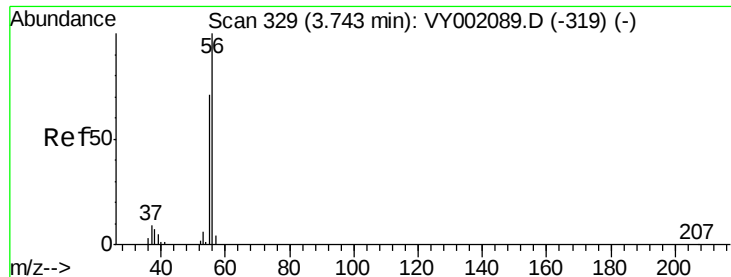


#12

1,1-Dichloroethene
 Concen: 49.755 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion: 96 Resp: 91543
 Ion Ratio Lower Upper
 96 100
 61 159.1 132.0 198.0
 98 63.7 49.4 74.0





#13

Acrolein

Concen: 273.084 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

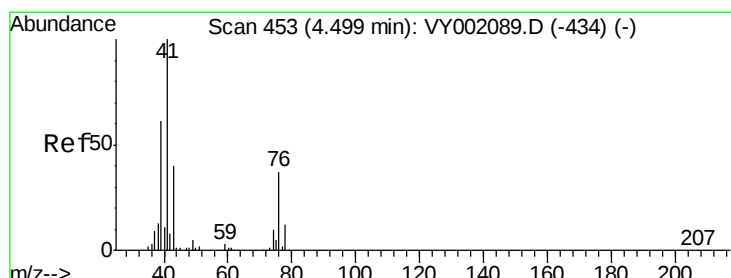
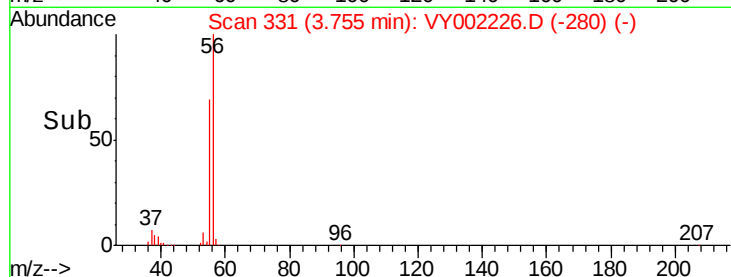
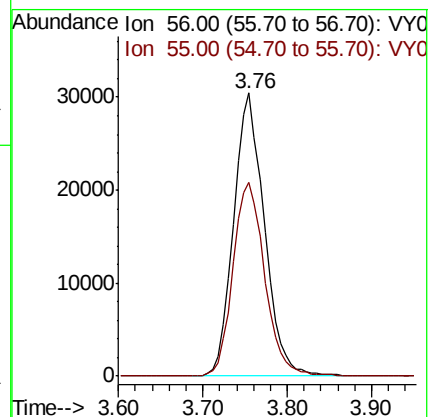
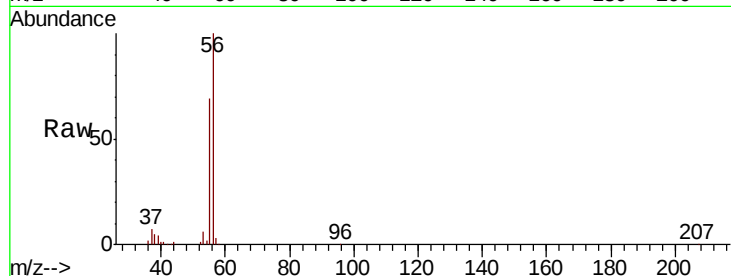
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 75394

Ion Ratio Lower Upper

56 100

55 70.8 56.5 84.7



#14

Allyl chloride

Concen: 48.096 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

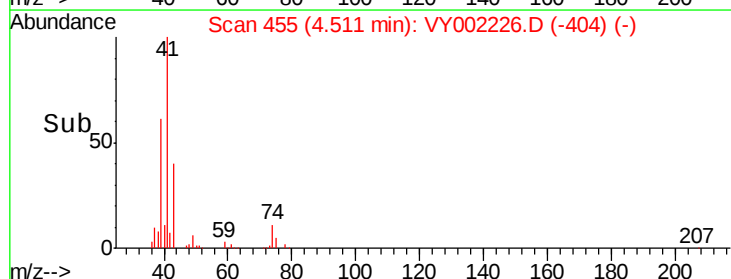
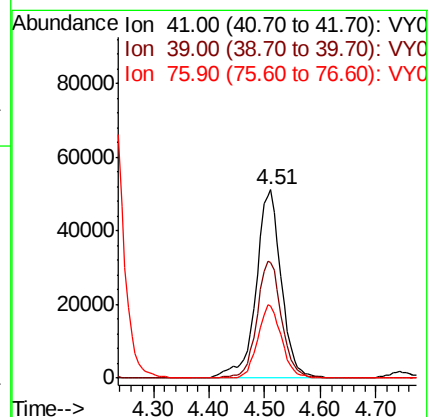
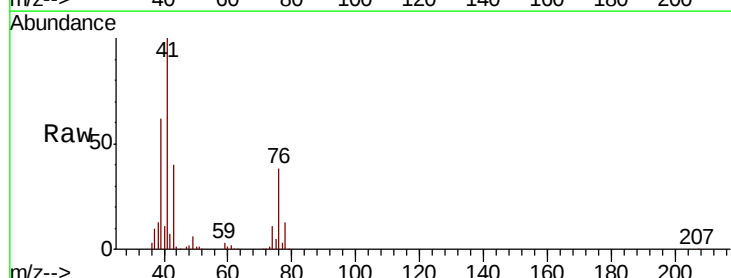
Tgt Ion: 41 Resp: 161999

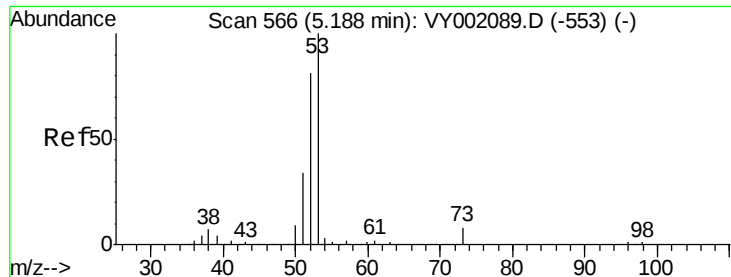
Ion Ratio Lower Upper

41 100

39 60.9 49.0 73.4

76 36.6 27.8 41.8





#15

Acrylonitrile

Concen: 250.926 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampled :

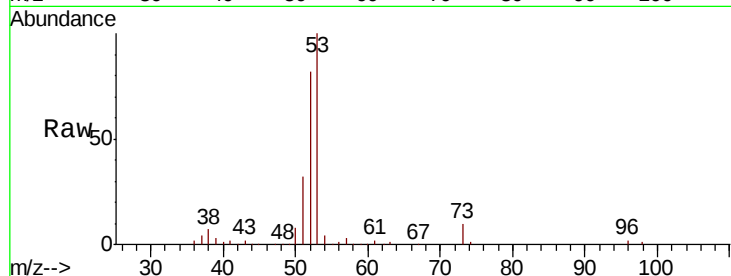
Tot Ion: 53 Resp: 153842

Ion Ratio Lower Upper

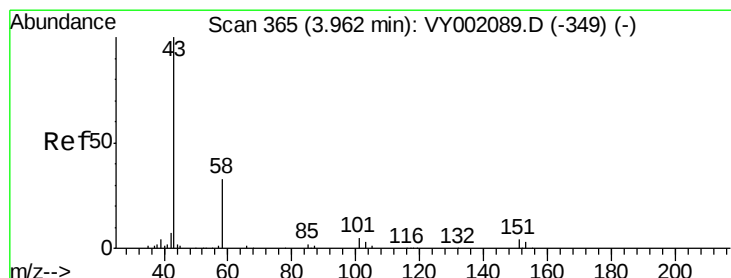
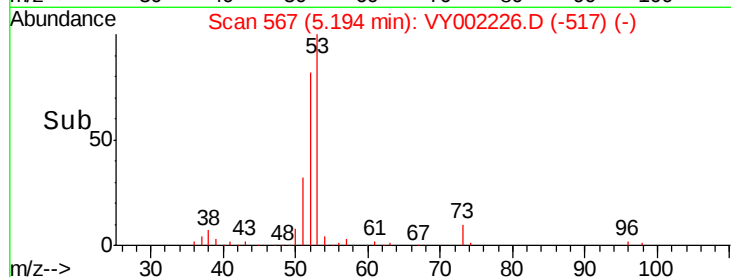
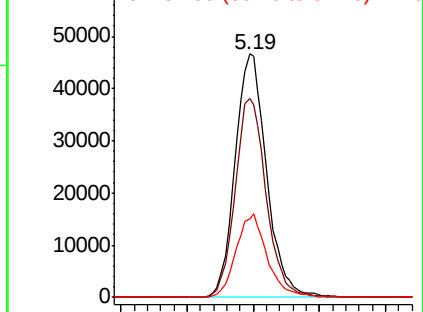
53 100

52 80.5 64.6 97.0

51 33.9 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: 286.084 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002226.D

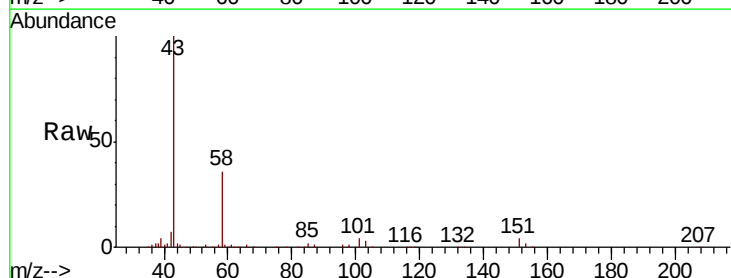
Acq: 06 Apr 2020 10:10

Tgt Ion: 43 Resp: 150660

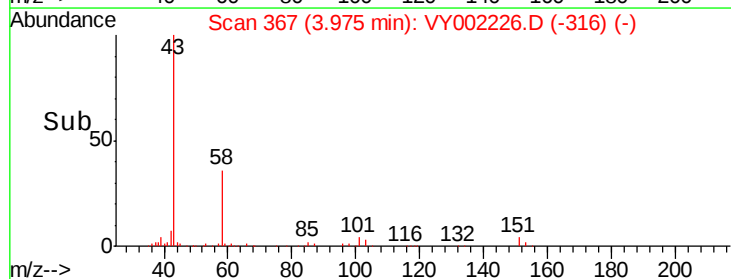
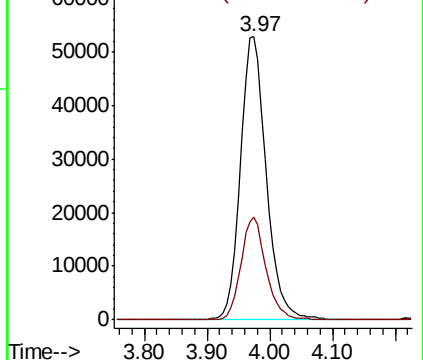
Ion Ratio Lower Upper

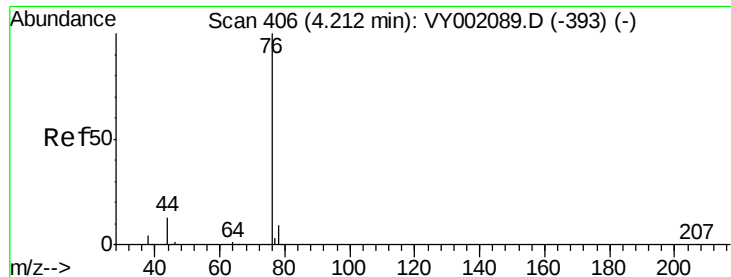
43 100

58 36.4 26.3 39.5



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

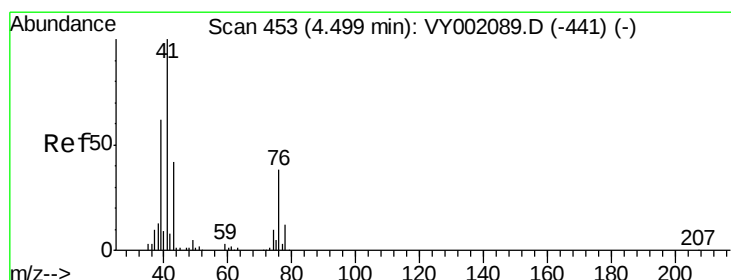
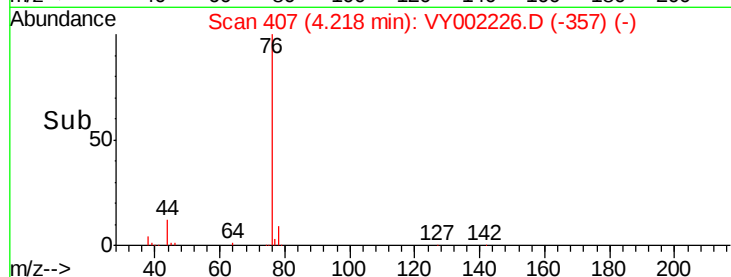
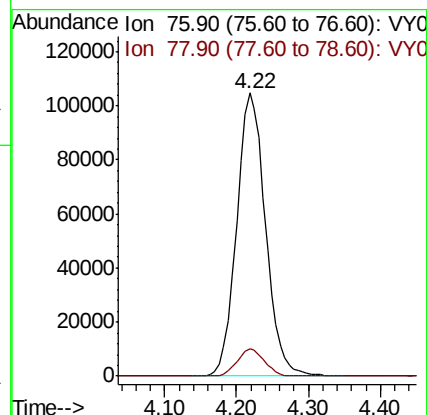
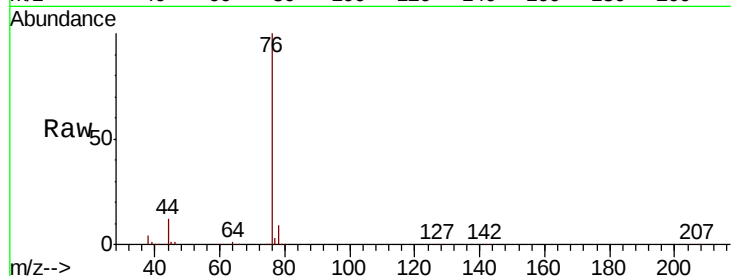




#17
Carbon Disulfide
Concen: 47.706 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

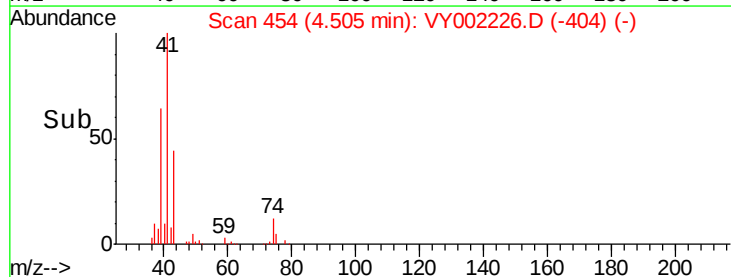
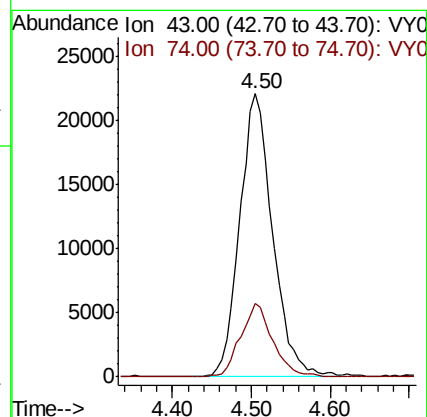
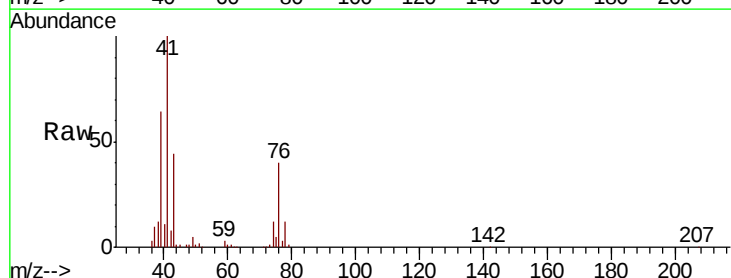
Instrument :
MSVOA_Y
ClientSampleId :

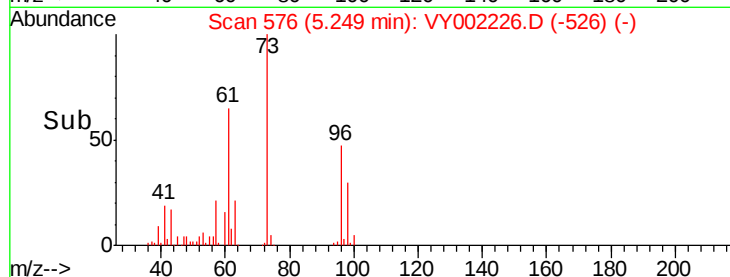
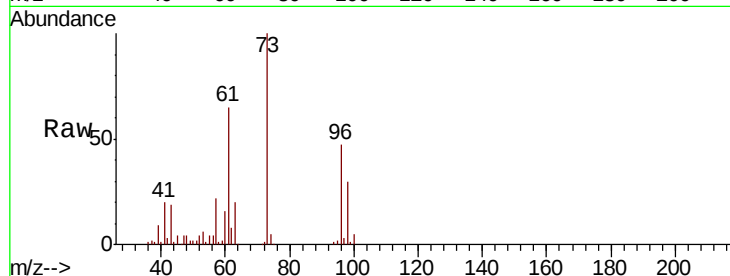
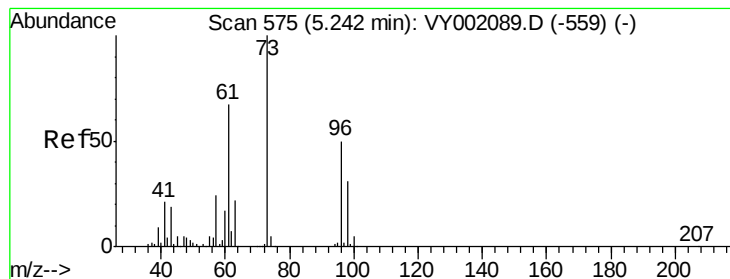
Tot Ion: 76 Resp: 291294
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 46.955 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 43 Resp: 64212
Ion Ratio Lower Upper
43 100
74 25.2 18.3 27.5



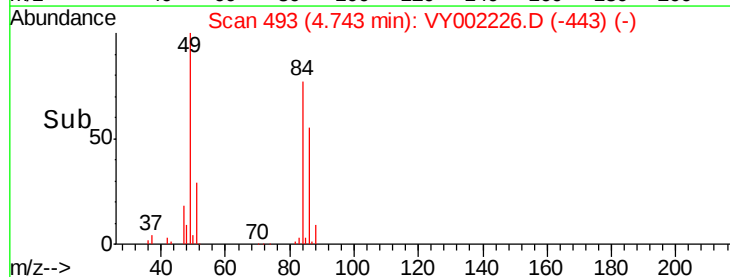
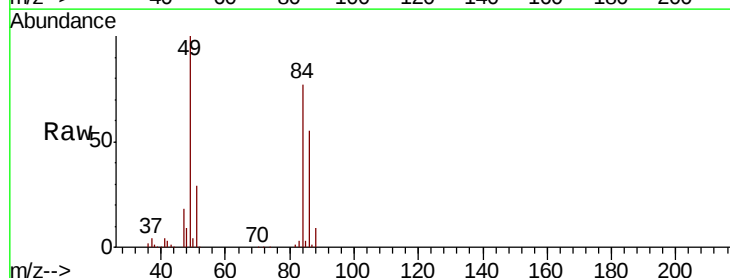
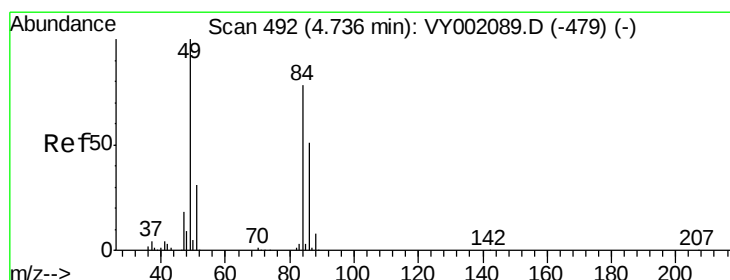
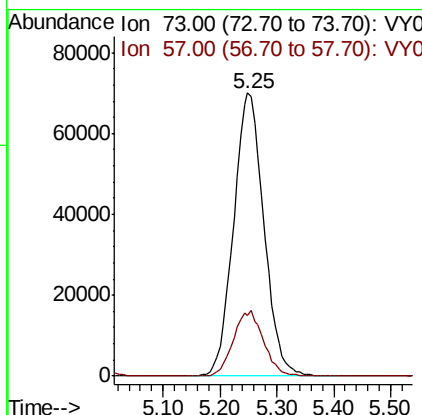


#19

Methyl tert-butyl Ether
Concen: 50.625 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :

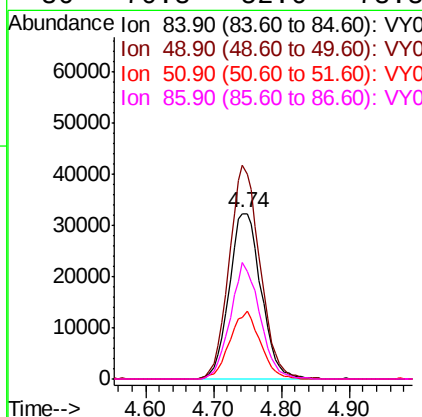
Tot Ion: 73 Resp: 259842
Ion Ratio Lower Upper
73 100
57 21.6 19.0 28.6

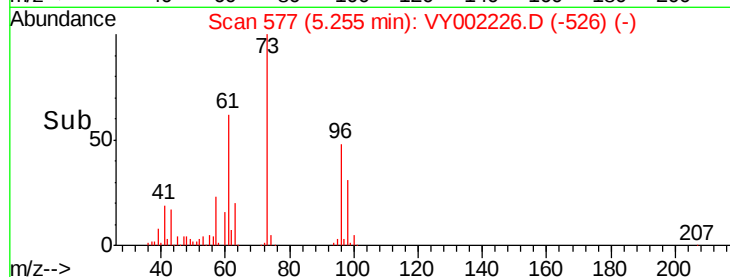
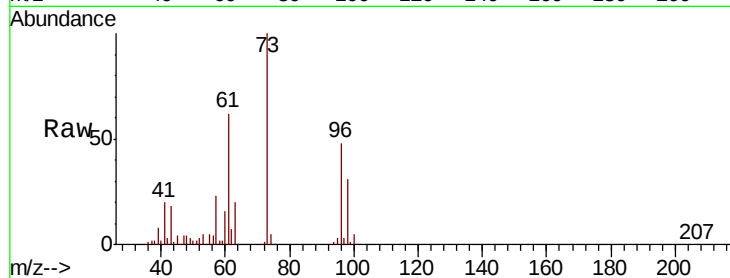
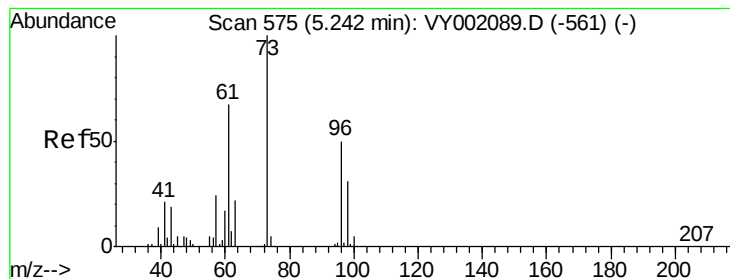


#20

Methylene Chloride
Concen: 48.183 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 84 Resp: 105461
Ion Ratio Lower Upper
84 100
49 129.2 102.2 153.4
51 37.5 31.2 46.8
86 70.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.184 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

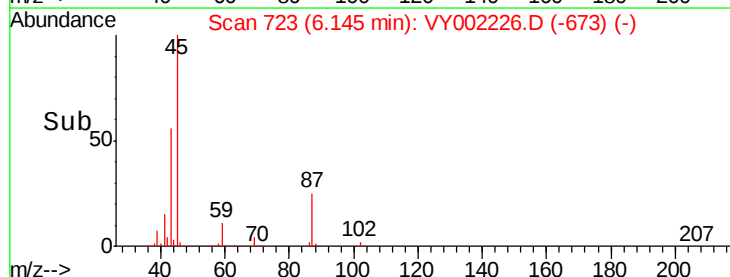
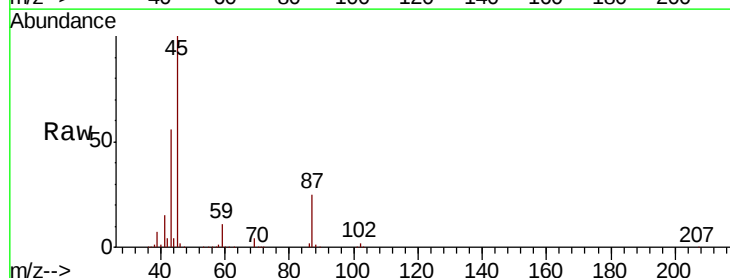
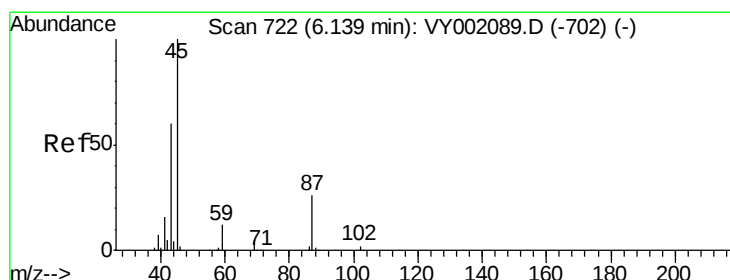
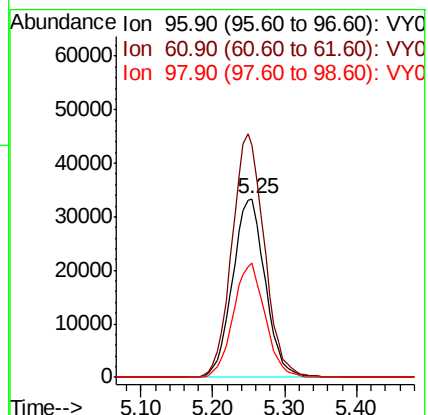
Tot Ion: 96 Resp: 105129

Ion Ratio Lower Upper

96 100

61 129.9 107.7 161.5

98 64.4 50.5 75.7



#22

Diisopropyl ether

Concen: 48.422 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Tgt Ion: 45 Resp: 333773

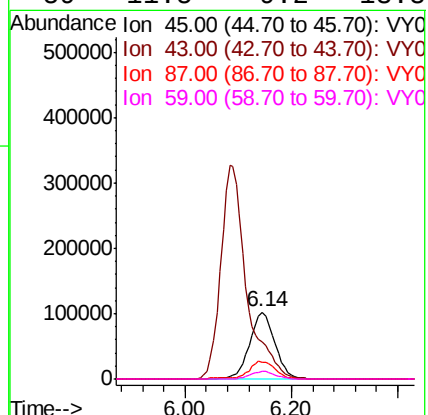
Ion Ratio Lower Upper

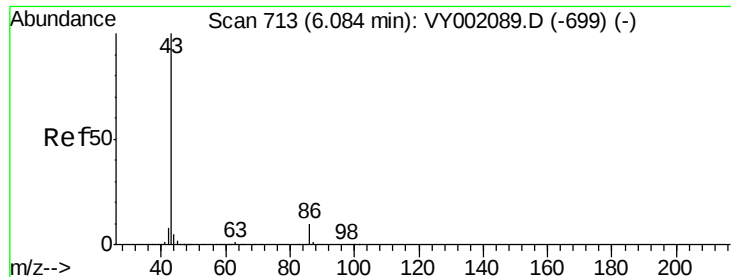
45 100

43 56.4 48.1 72.1

87 25.3 21.1 31.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 243.498 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

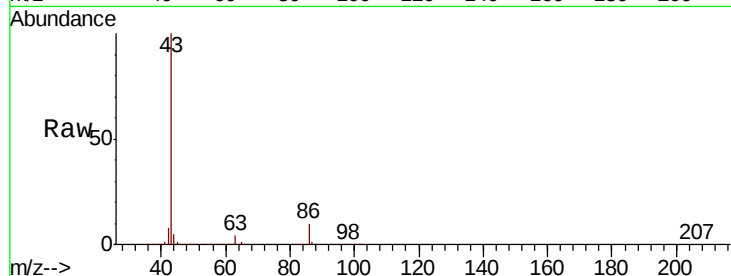
ClientSampleId :

Tot Ion: 43 Resp: 1100610

Ion Ratio Lower Upper

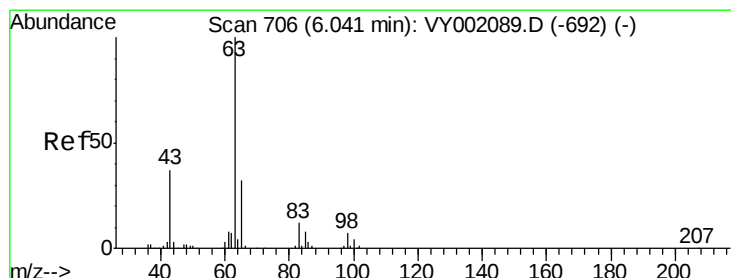
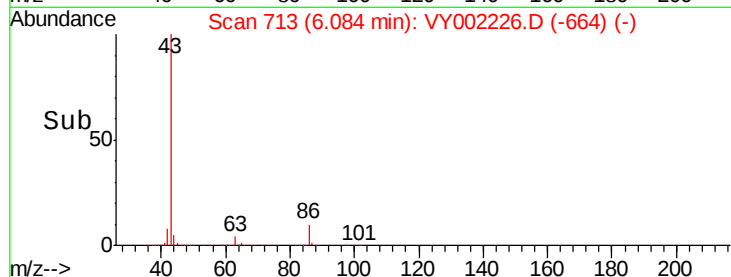
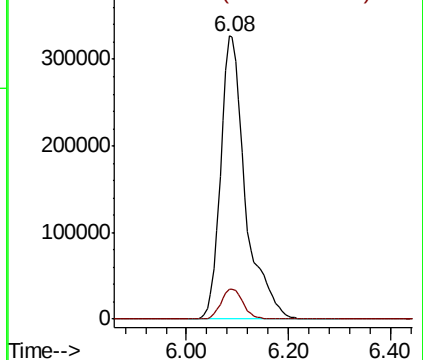
43 100

86 10.5 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: 49.802 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

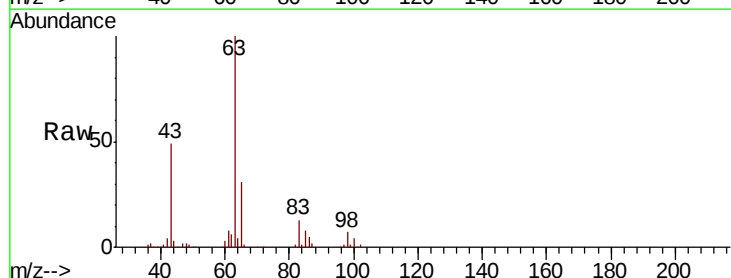
Tgt Ion: 63 Resp: 182521

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

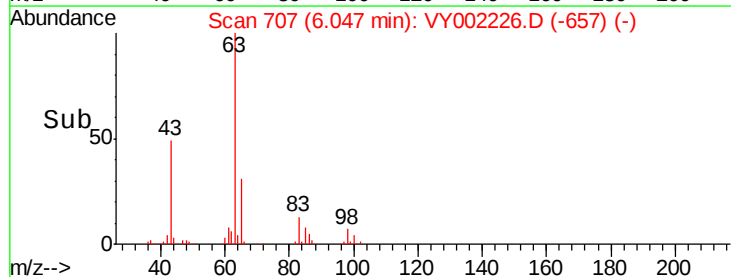
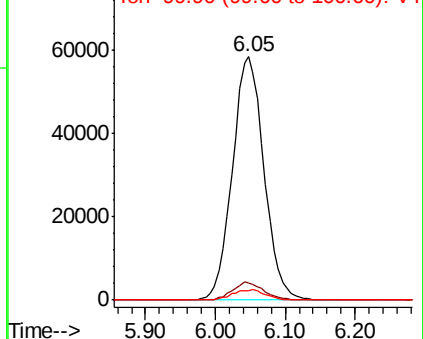
100 3.9 1.8 5.5

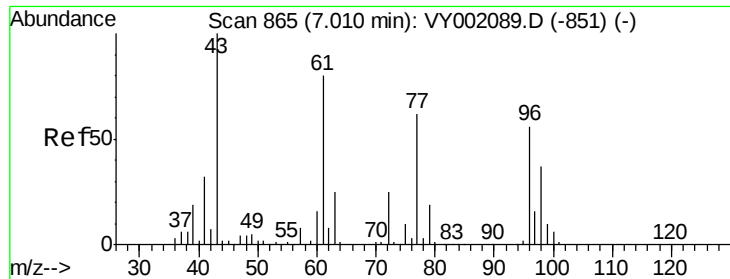


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 261.390 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

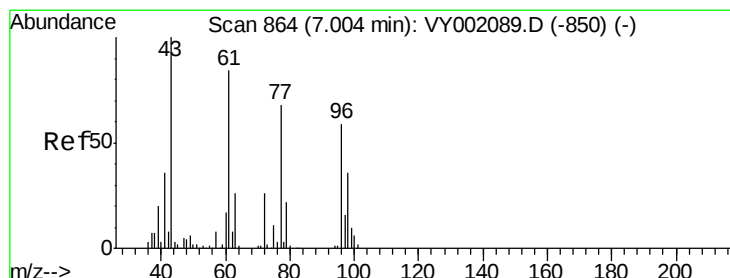
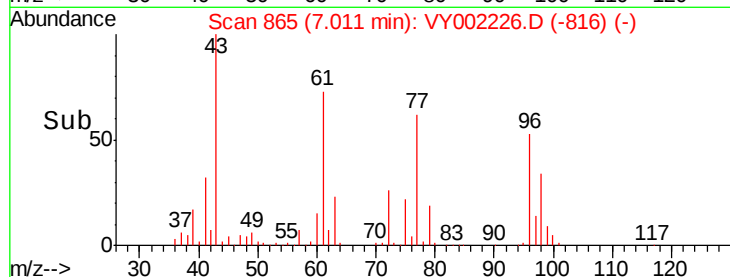
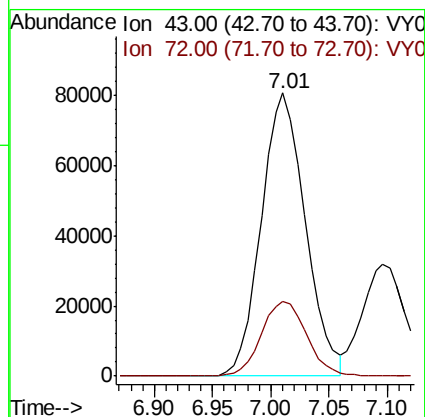
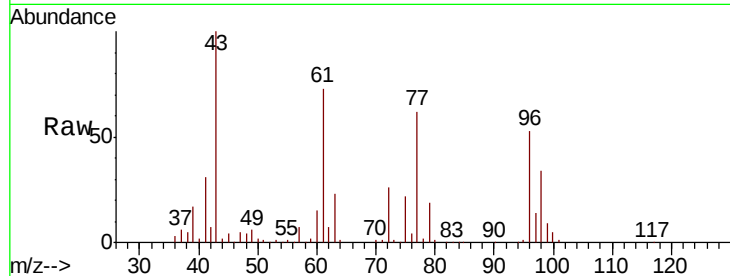
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 211370

Ion Ratio Lower Upper

43 100

72 26.2 20.2 30.2



#26

2,2-Dichloropropane

Concen: 50.234 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002226.D

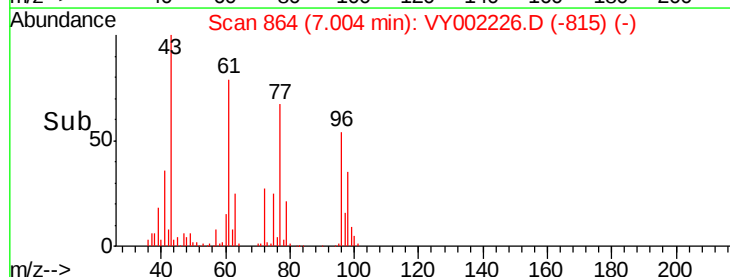
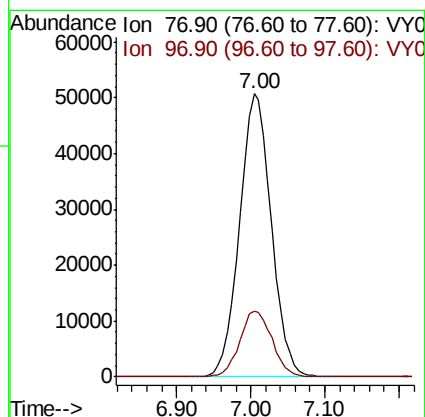
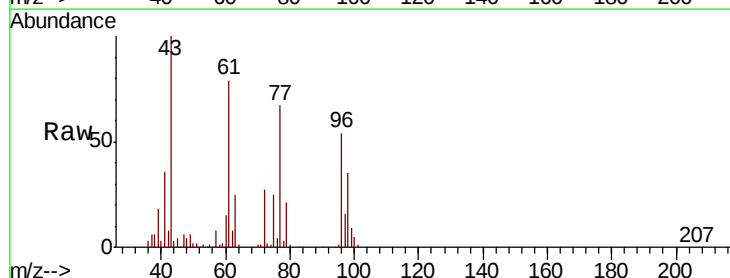
Acq: 06 Apr 2020 10:10

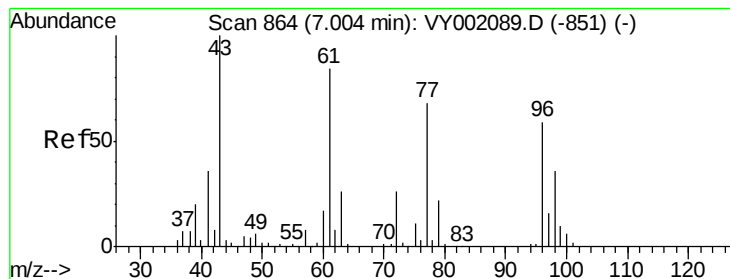
Tgt Ion: 77 Resp: 151629

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



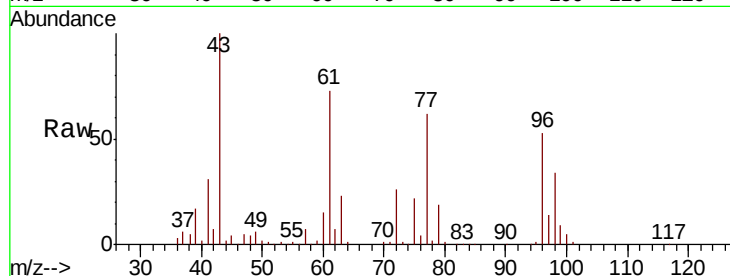


#27

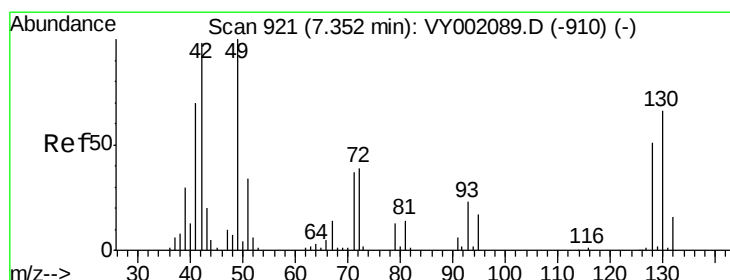
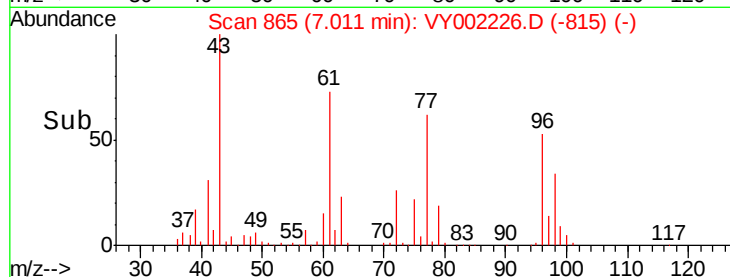
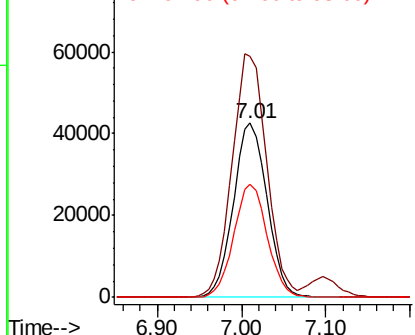
cis-1,2-Dichloroethene
Concen: 50.000 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 115233
Ion Ratio Lower Upper
96 100
61 143.6 0.0 290.6
98 64.4 0.0 128.0



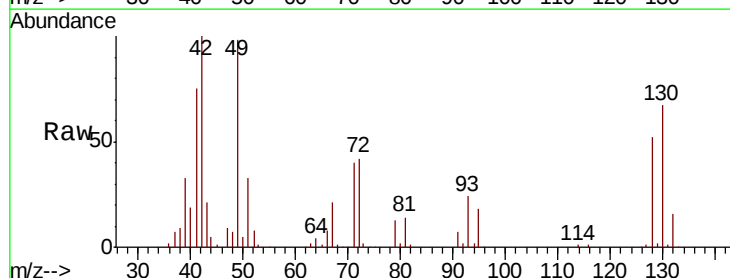
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



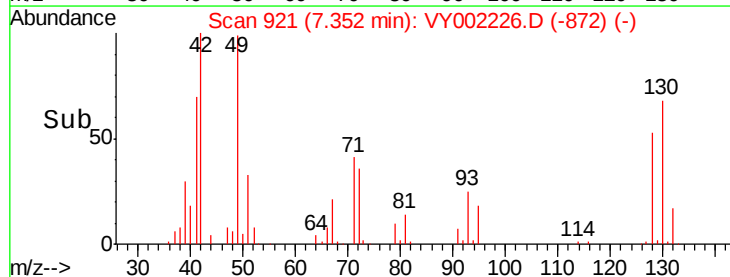
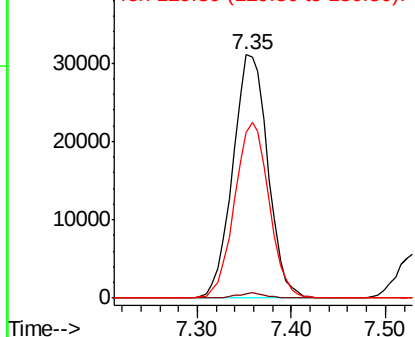
#28

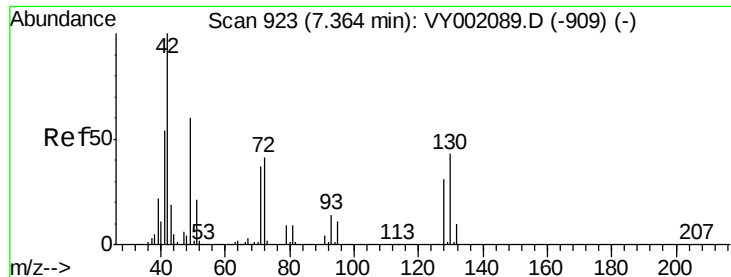
Bromochloromethane
Concen: 48.214 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 49 Resp: 80670
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 71.0 54.1 81.1



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

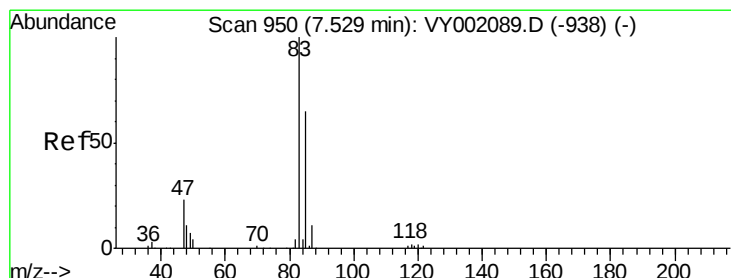
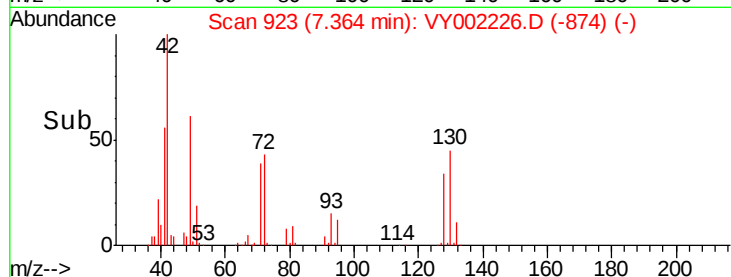
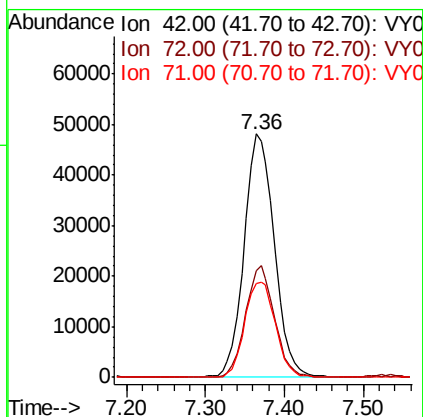
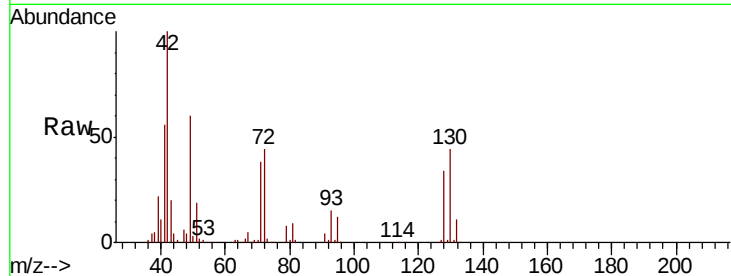




#29
Tetrahydrofuran
Concen: 241.985 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

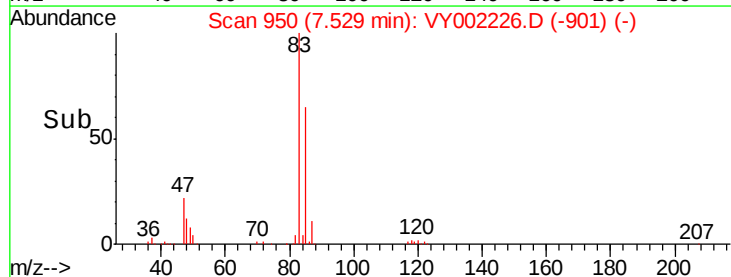
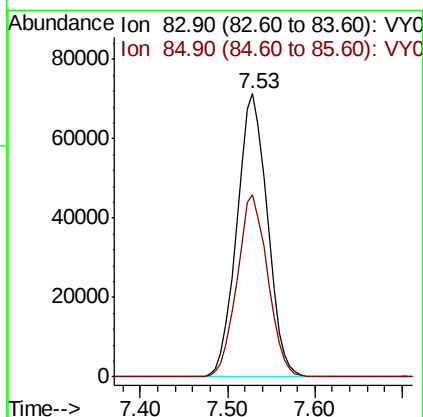
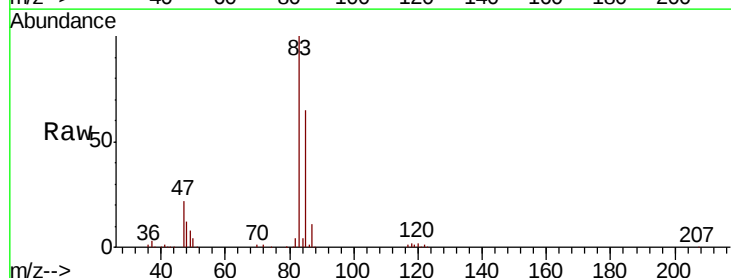
Instrument :
MSVOA_Y
ClientSampled :

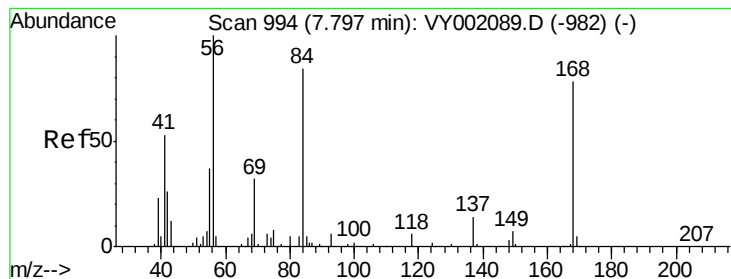
Tot Ion: 42 Resp: 128294
Ion Ratio Lower Upper
42 100
72 43.8 33.0 49.4
71 39.8 31.2 46.8



#30
Chloroform
Concen: 49.819 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 83 Resp: 173064
Ion Ratio Lower Upper
83 100
85 64.5 52.4 78.6





#31

Cyclohexane

Concen: 45.303 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

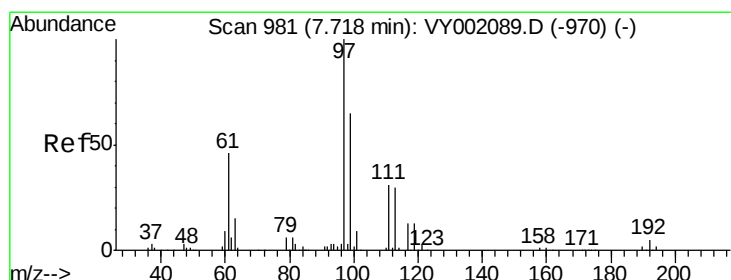
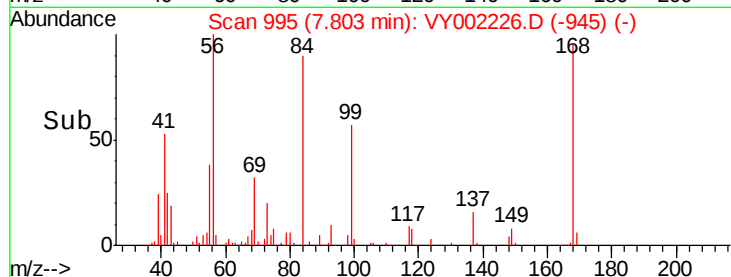
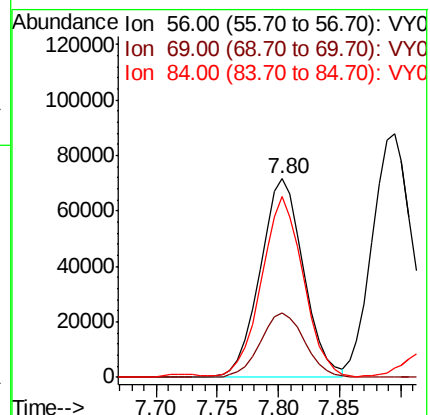
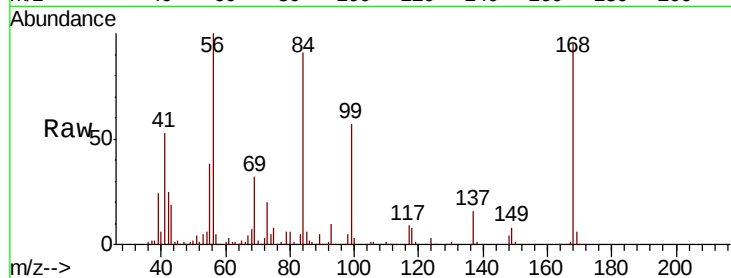
Tot Ion: 56 Resp: 176920

Ion Ratio Lower Upper

56 100

69 32.2 25.8 38.8

84 89.4 67.1 100.7



#32

1,1,1-Trichloroethane

Concen: 50.492 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

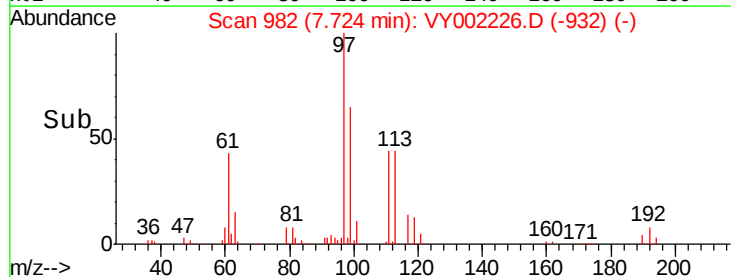
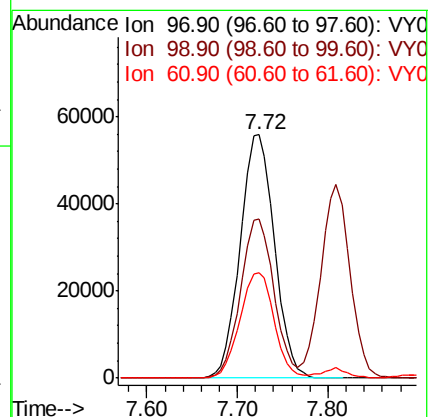
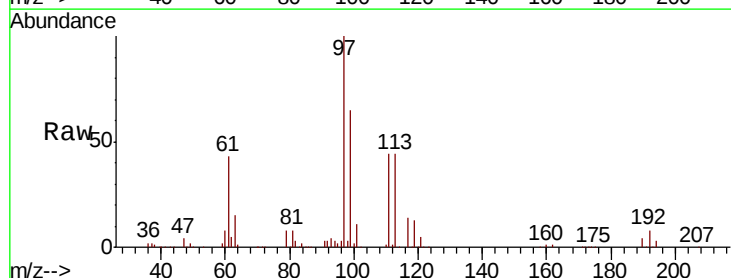
Tgt Ion: 97 Resp: 146447

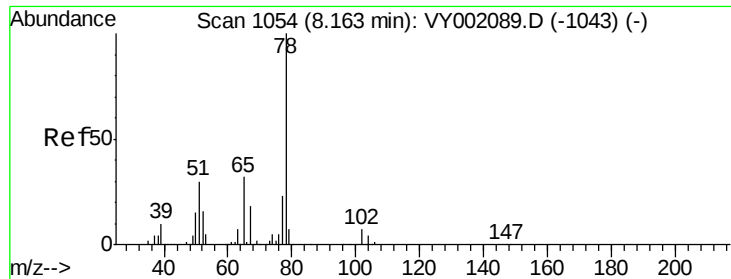
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 43.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 48.613 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

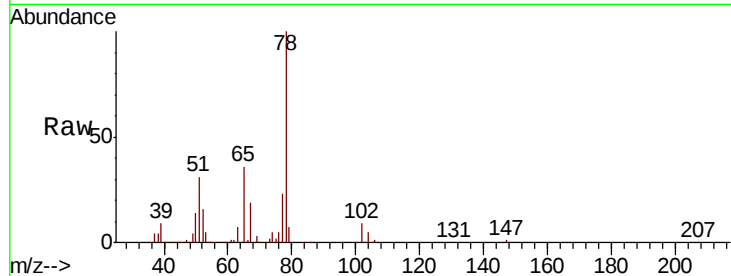
ClientSampleId :

Tot Ion: 65 Resp: 91123

Ion Ratio Lower Upper

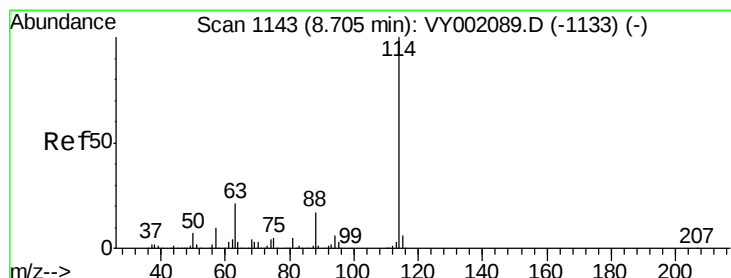
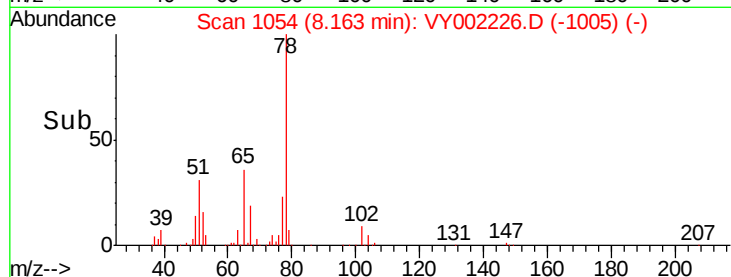
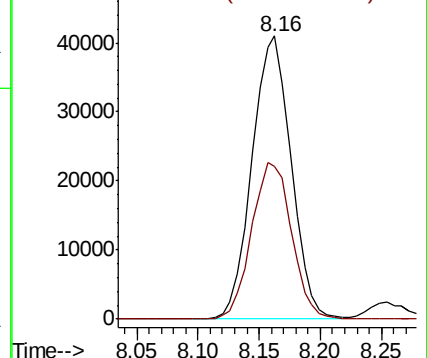
65 100

67 56.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

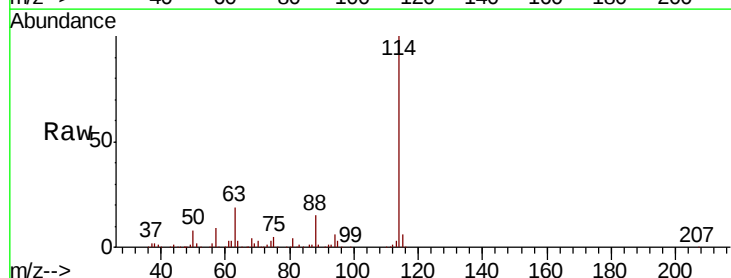
Tgt Ion: 114 Resp: 306064

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

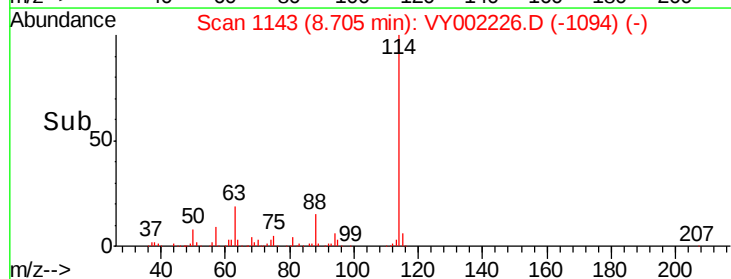
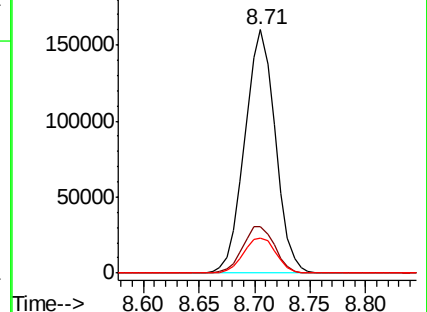
88 14.6 0.0 33.0

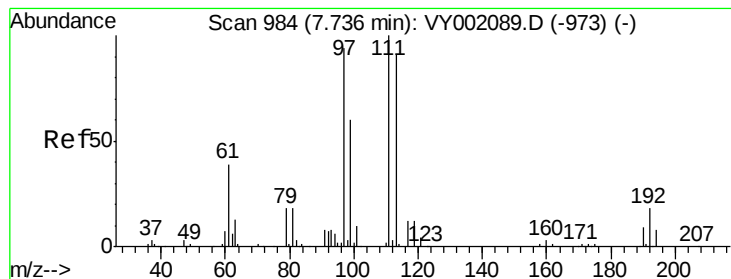


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.225 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

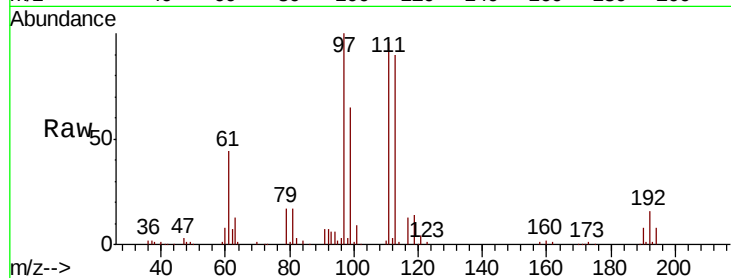
Tot Ion:113 Resp: 87846

Ion Ratio Lower Upper

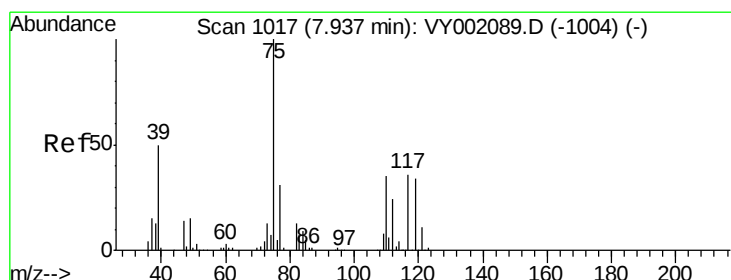
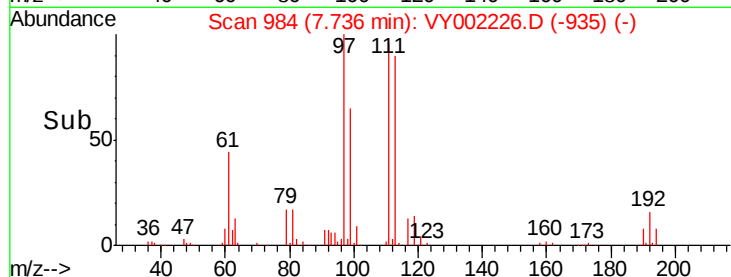
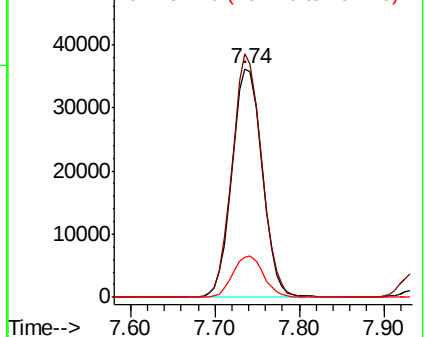
113 100

111 103.8 84.4 126.6

192 18.3 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.811 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

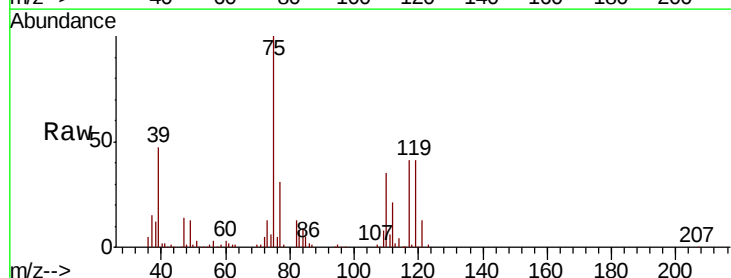
Tgt Ion: 75 Resp: 144200

Ion Ratio Lower Upper

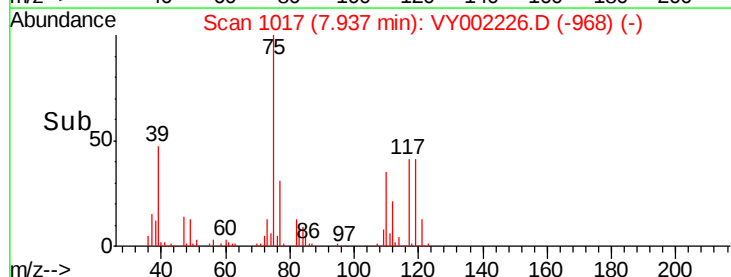
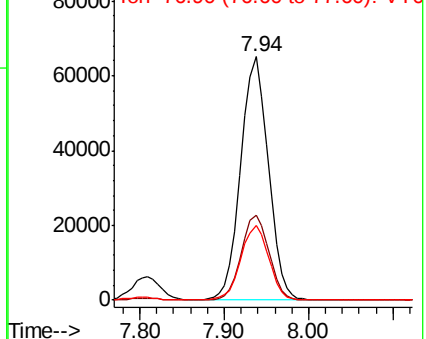
75 100

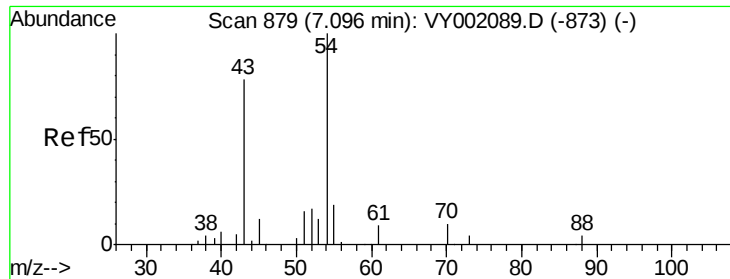
110 34.8 17.2 51.6

77 31.0 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

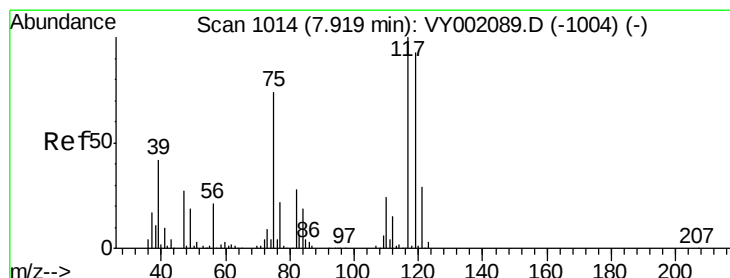
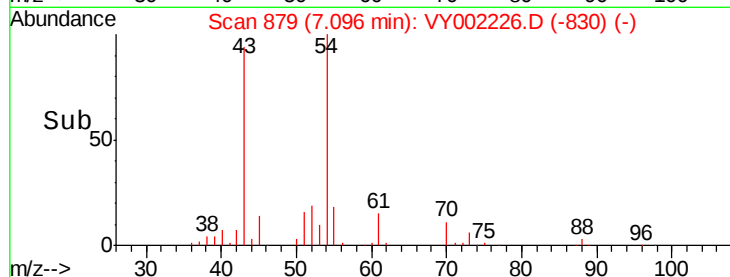
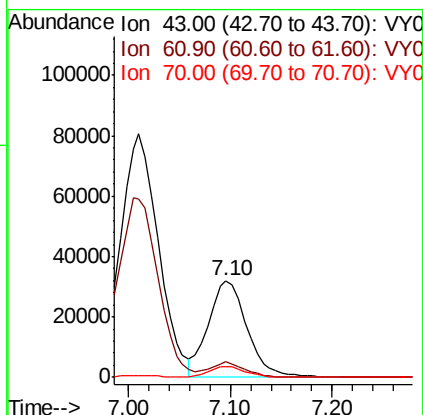
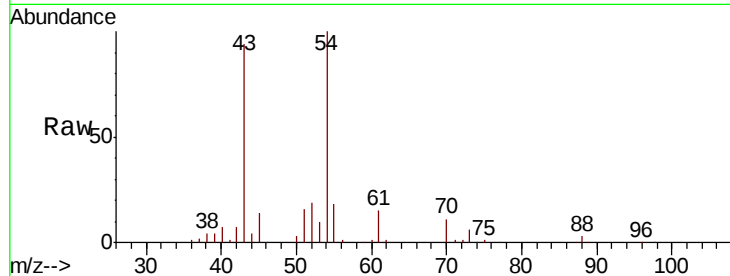




#37
Ethyl Acetate
Concen: 48.046 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

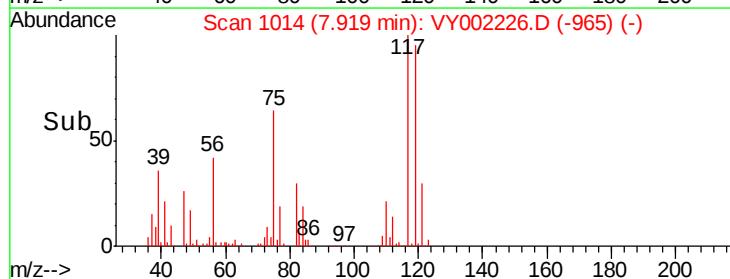
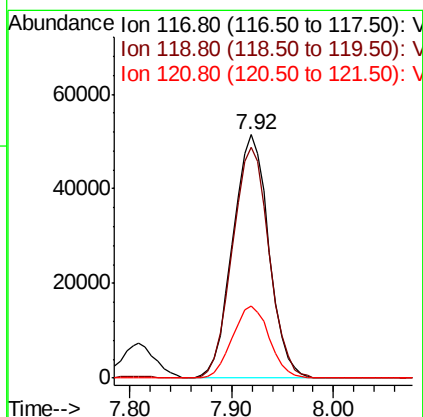
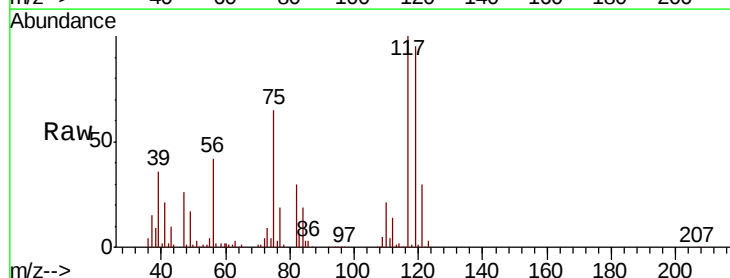
Instrument :
MSVOA_Y
ClientSampleId :

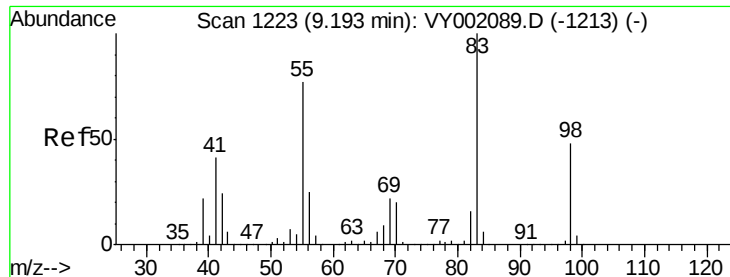
Tot Ion: 43 Resp: 84053
Ion Ratio Lower Upper
43 100
61 14.8 11.2 16.8
70 11.0 8.2 12.4



#38
Carbon Tetrachloride
Concen: 51.453 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 117 Resp: 126374
Ion Ratio Lower Upper
117 100
119 94.9 74.3 111.5
121 29.6 23.3 34.9

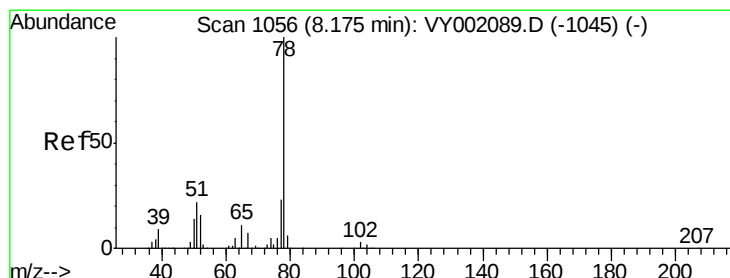
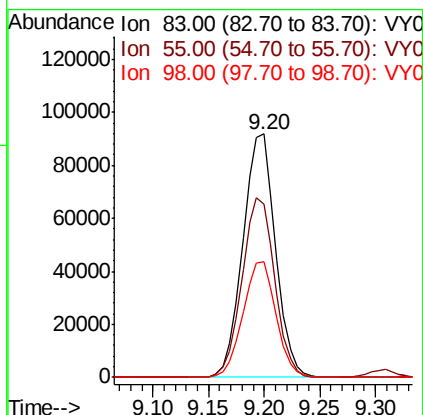
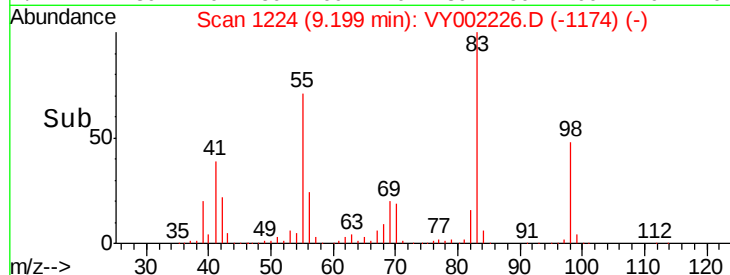
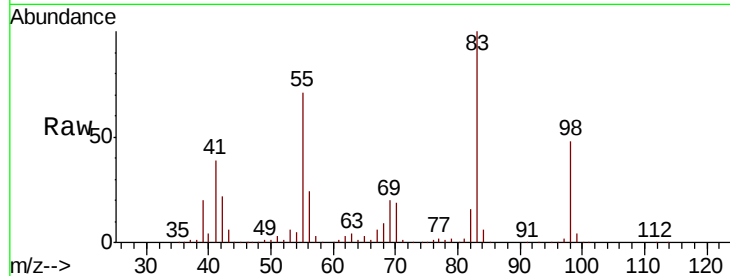




#39
Methvlcvclohexane
Concen: 49.236 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

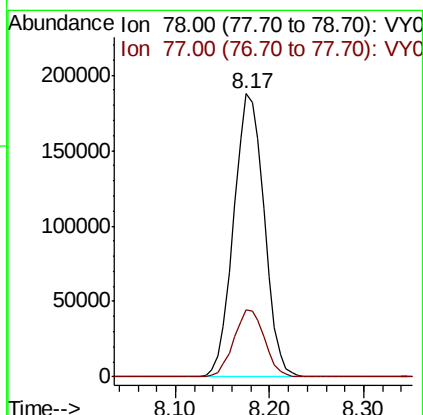
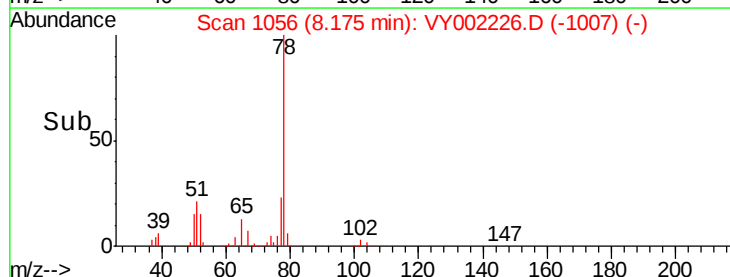
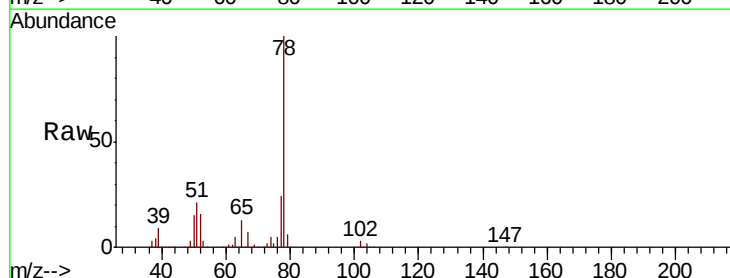
Instrument :
MSVOA_Y
ClientSampleId :

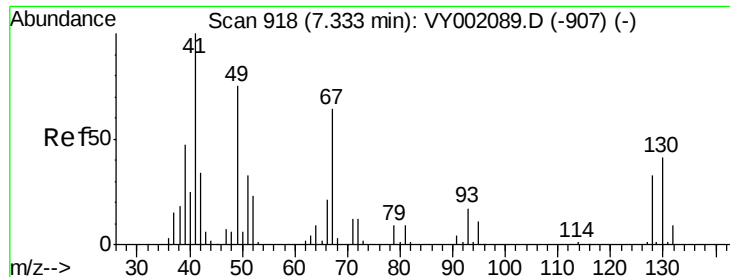
Tot Ion: 83 Resp: 186962
Ion Ratio Lower Upper
83 100
55 71.2 61.2 91.8
98 47.6 38.2 57.2



#40
Benzene
Concen: 49.420 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 78 Resp: 423782
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4

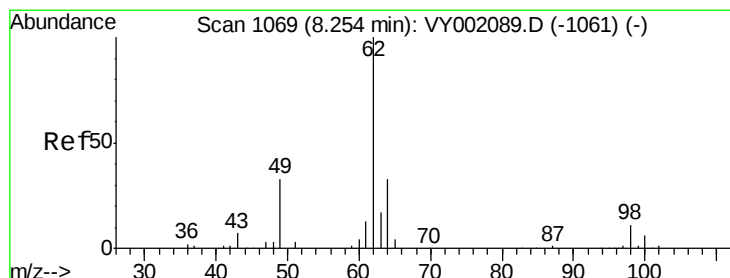
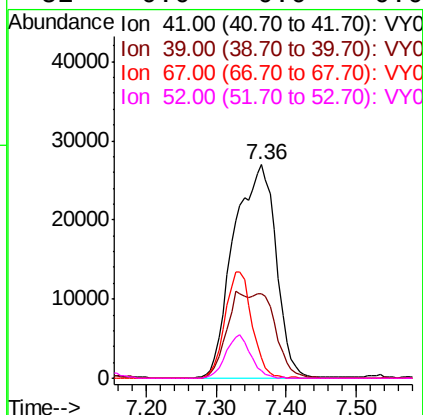
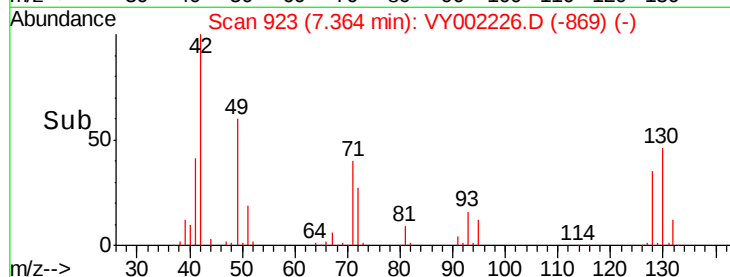
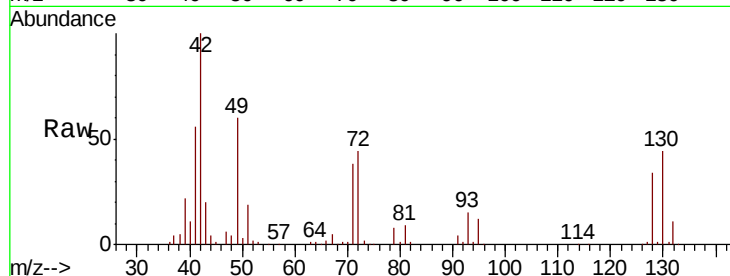




#41
Methacrylonitrile
Concen: 128.289 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.03 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

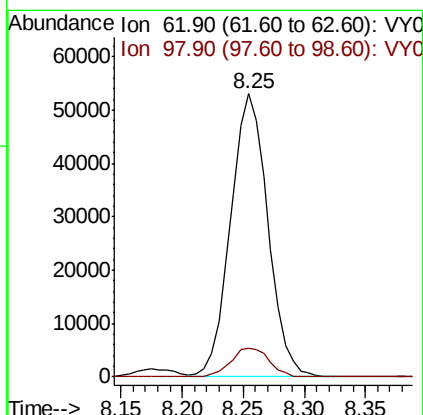
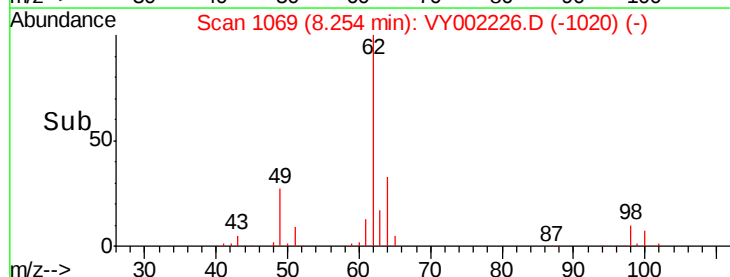
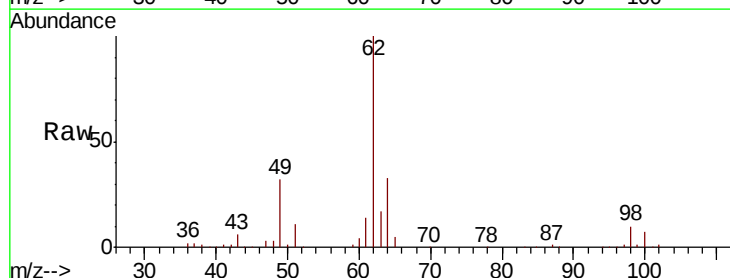
Instrument :
MSVOA_Y
ClientSampled :

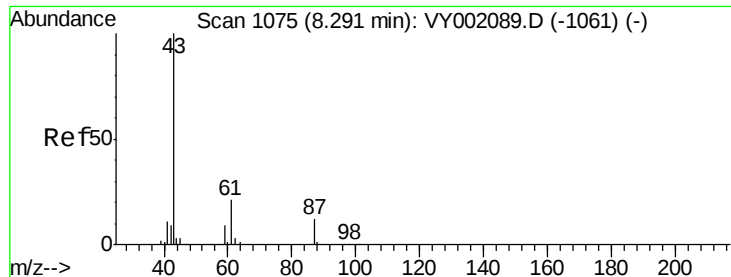
Tot Ion:	41	Resp:	113523
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.139 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion:	62	Resp:	111871
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2



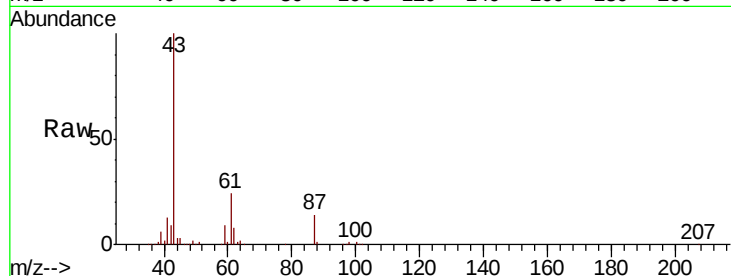


#43

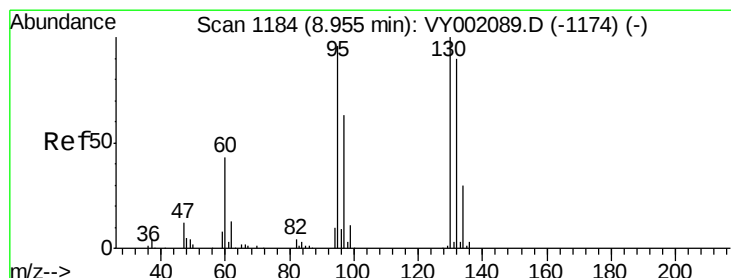
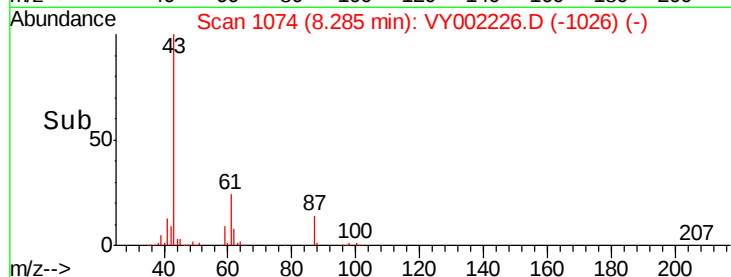
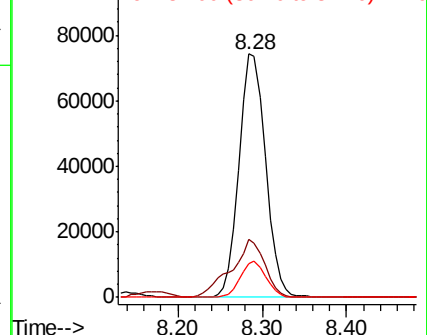
Isopropyl Acetate
 Concen: 48.806 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 43 Resp: 158471
 Ion Ratio Lower Upper
 43 100
 61 30.1 23.4 35.2
 87 14.1 10.2 15.4



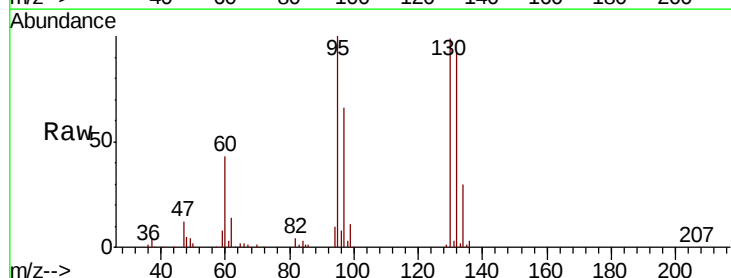
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



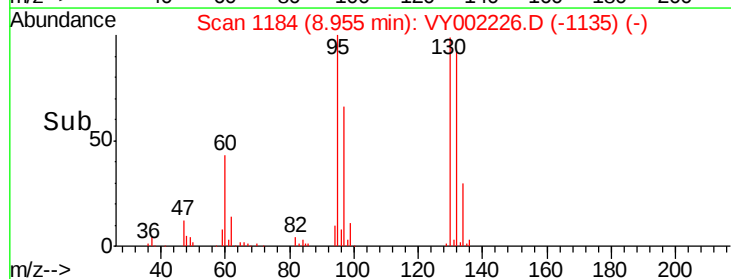
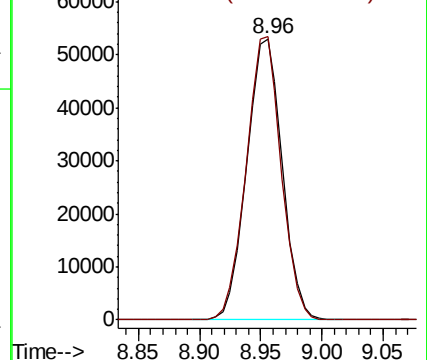
#44

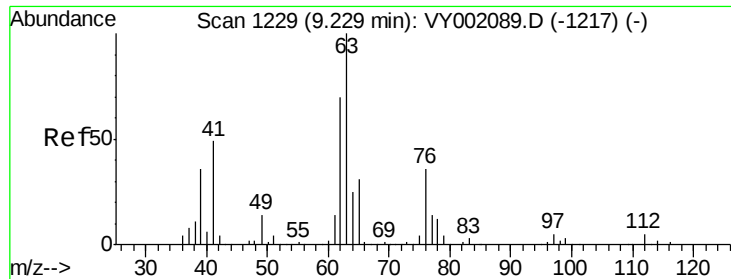
Trichloroethene
 Concen: 51.637 ug/l
 RT: 8.96 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion:130 Resp: 106738
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 193.0



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

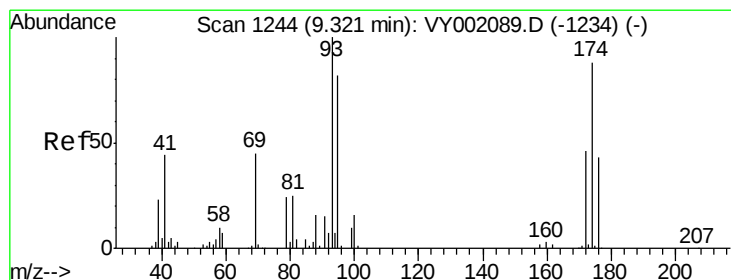
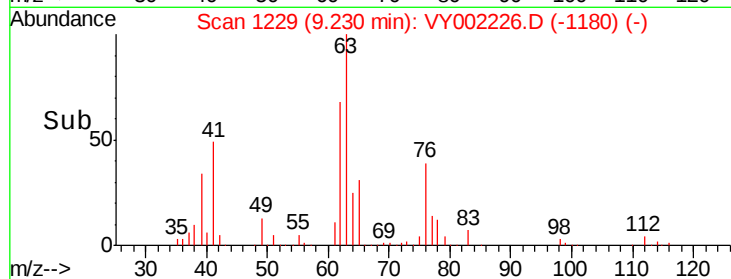
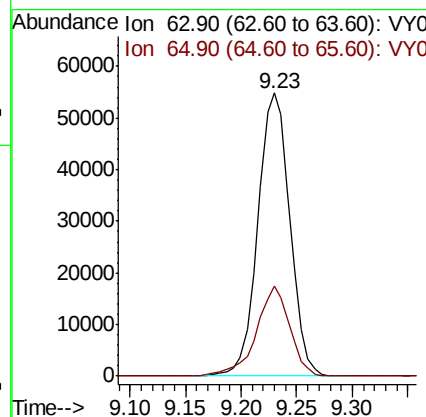
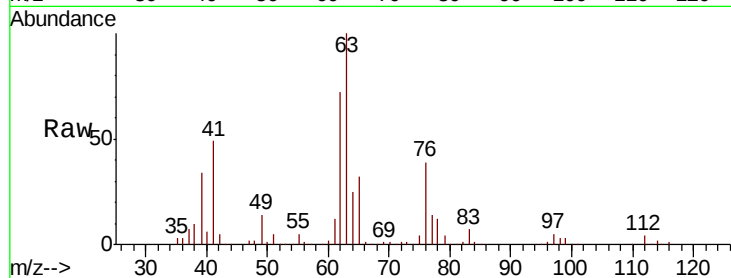




#45
 1,2-Dichloropropane
 Concen: 50.204 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

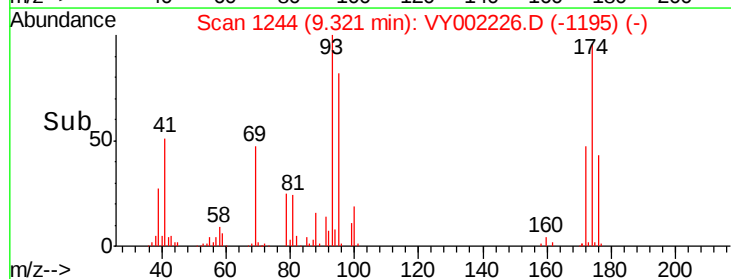
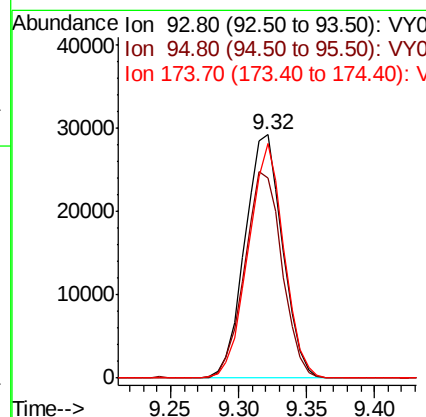
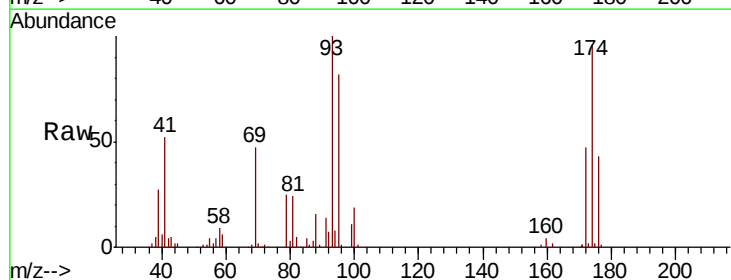
Instrument :
 MSVOA_Y
 ClientSampleId :

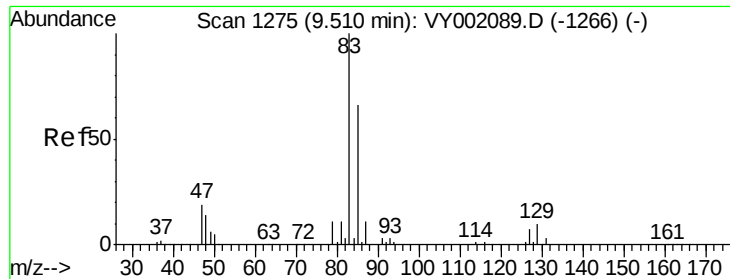
Tot Ion: 63 Resp: 109617
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 50.506 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion: 93 Resp: 56633
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.0 99.0
 174 91.4 69.8 104.8

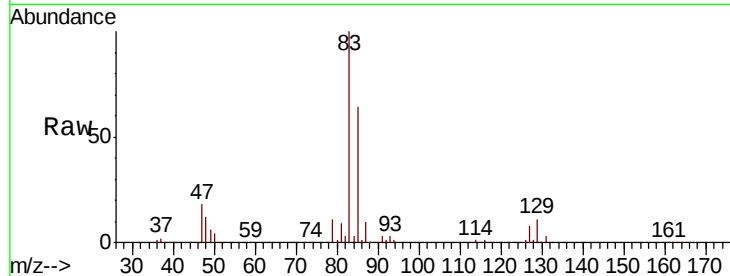




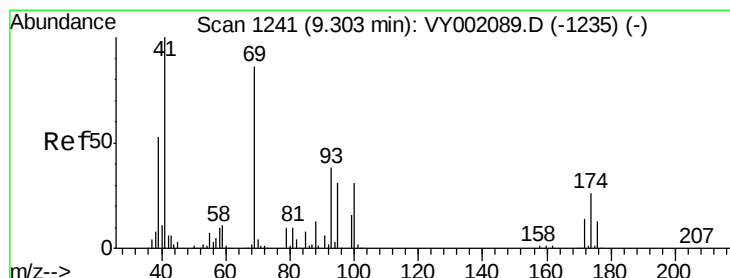
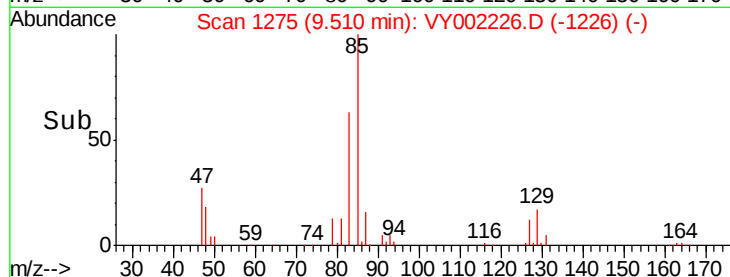
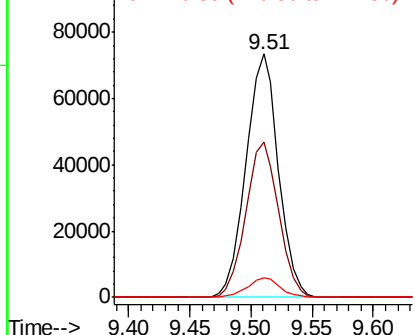
#47
Bromodichloromethane
Concen: 51.858 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 135369
Ion Ratio Lower Upper
83 100
85 63.5 52.6 79.0
127 7.9 5.9 8.9

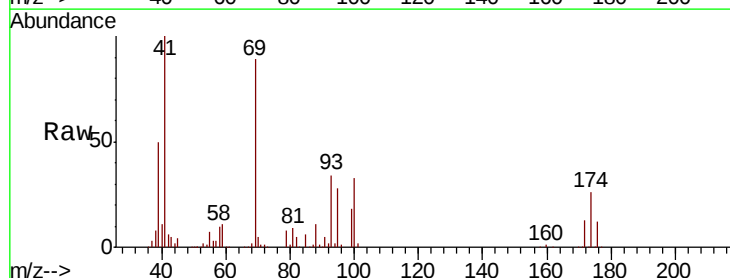


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

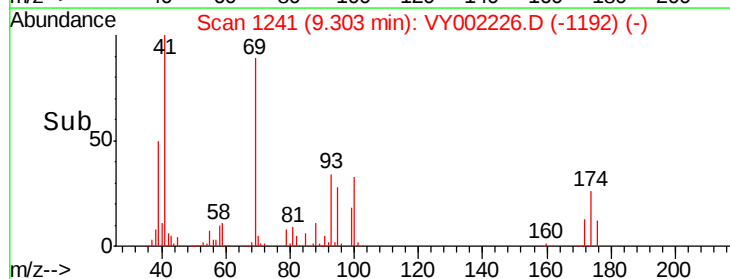
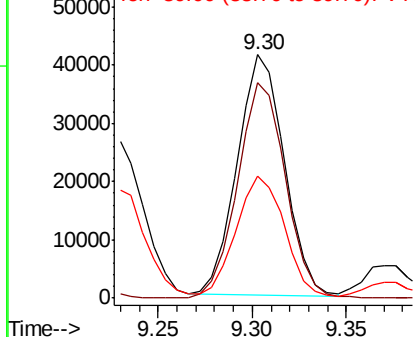


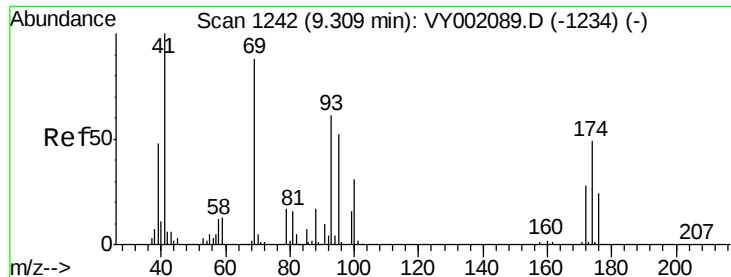
#48
Methyl methacrylate
Concen: 49.169 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 41 Resp: 71544
Ion Ratio Lower Upper
41 100
69 91.5 71.4 107.0
39 51.0 41.0 61.4



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





#49

1,4-Dioxane

Concen: 971.131 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

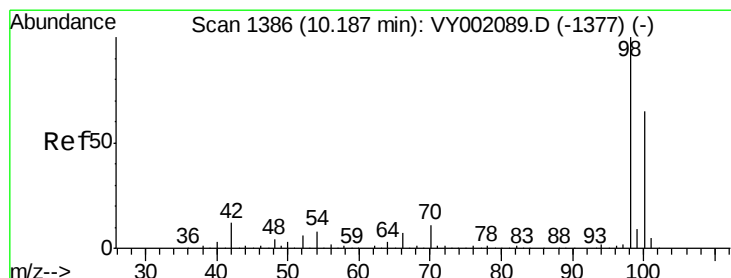
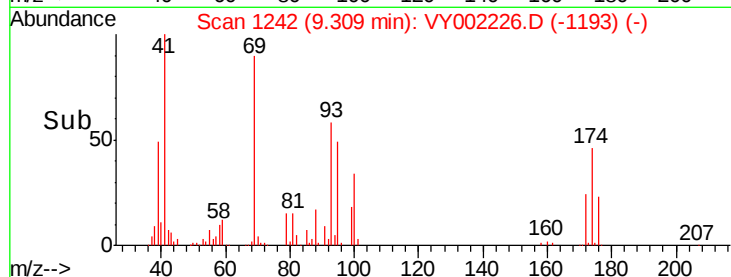
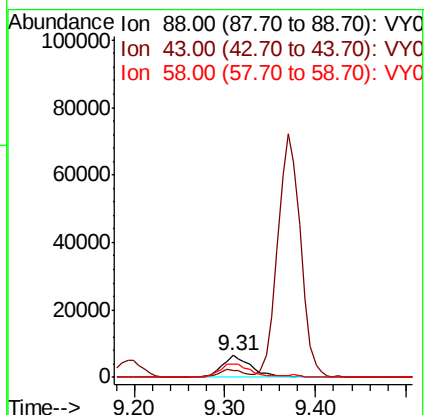
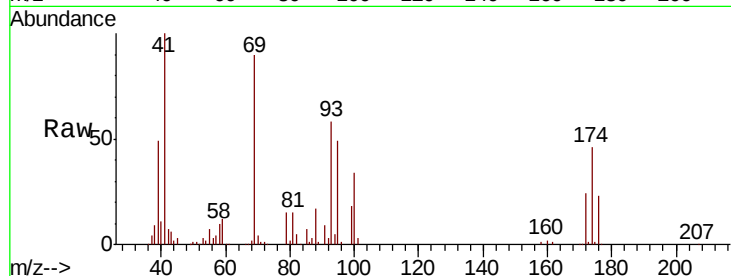
Tot Ion: 88 Resp: 14943

Ion Ratio Lower Upper

88 100

43 30.2 27.2 40.8

58 71.0 59.8 89.8



#50

Toluene-d8

Concen: 50.530 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002226.D

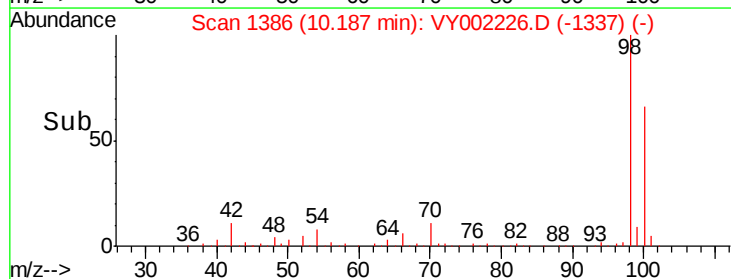
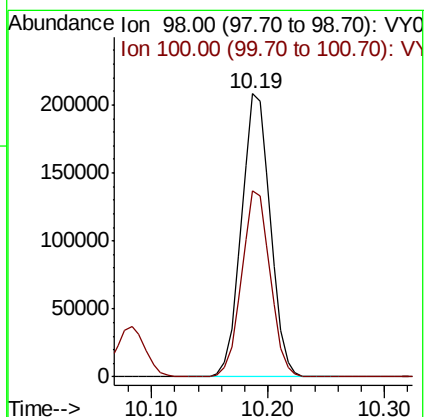
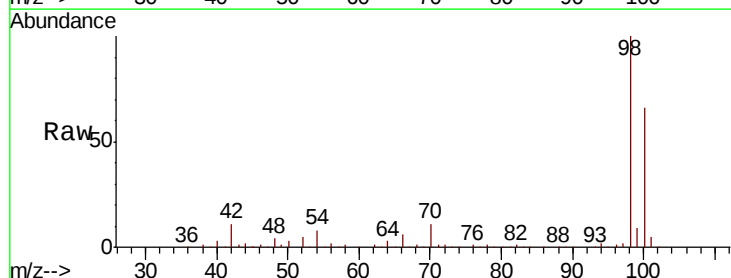
Acq: 06 Apr 2020 10:10

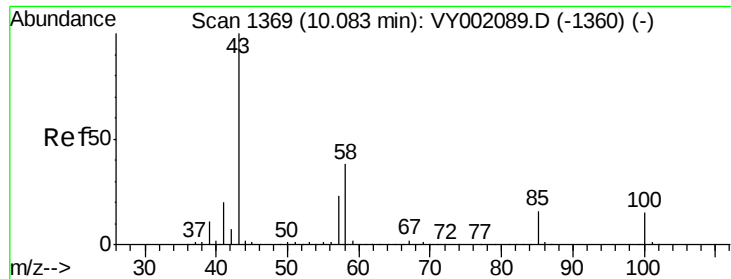
Tgt Ion: 98 Resp: 359987

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

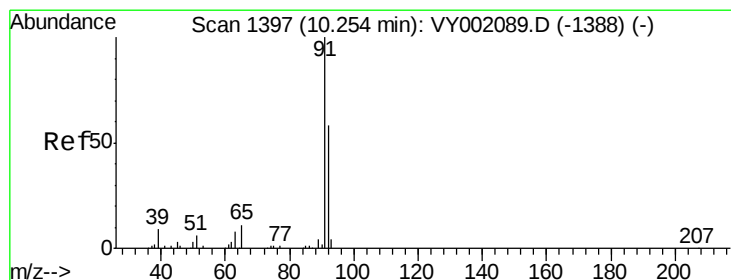
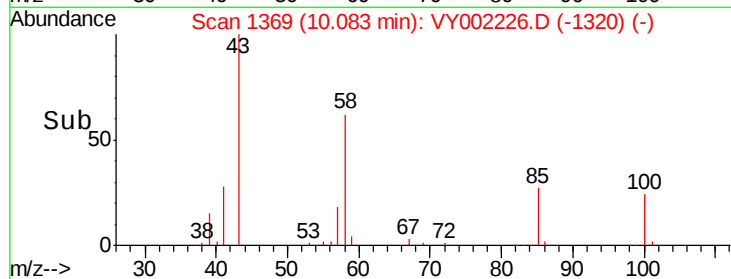
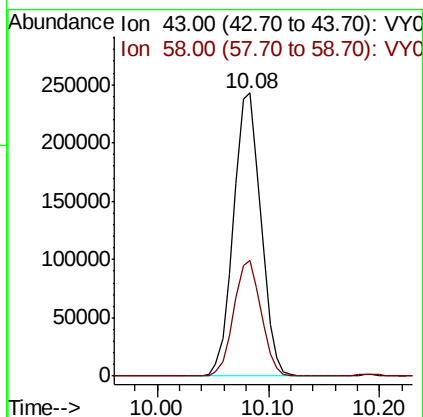
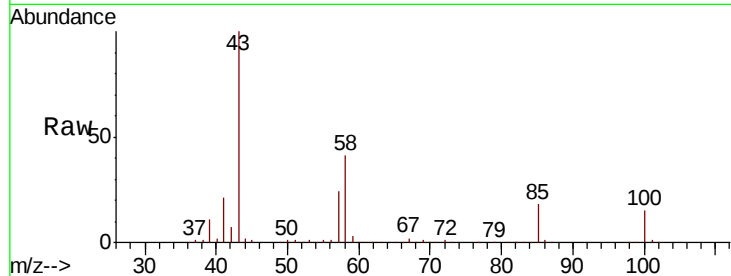




#51
4-Methyl-2-Pentanone
Concen: 248.522 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

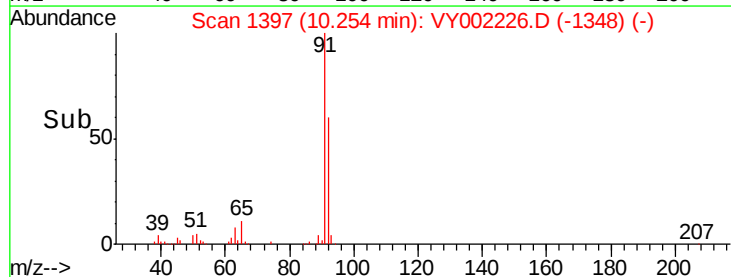
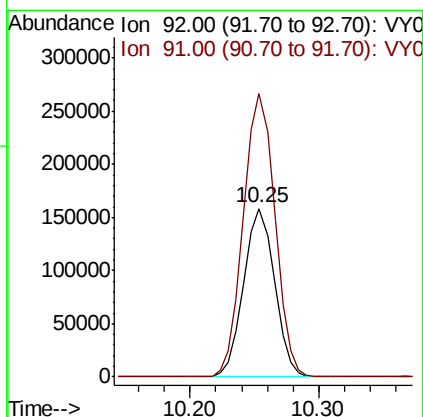
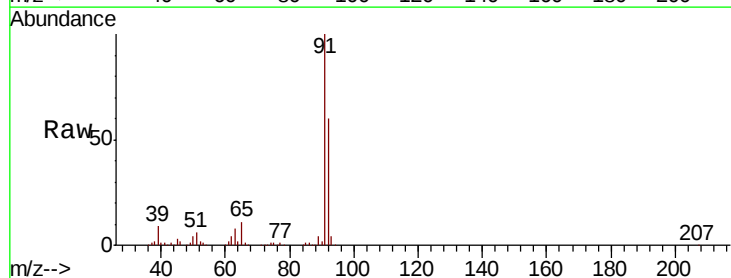
Instrument :
MSVOA_Y
ClientSampled :

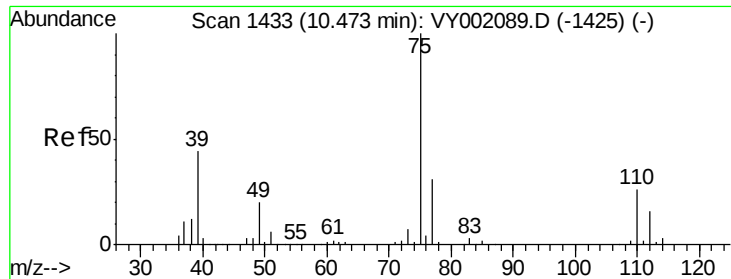
Tot Ion: 43 Resp: 415514
Ion Ratio Lower Upper
43 100
58 40.8 31.6 47.4



#52
Toluene
Concen: 50.689 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 92 Resp: 262899
Ion Ratio Lower Upper
92 100
91 172.4 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.395 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

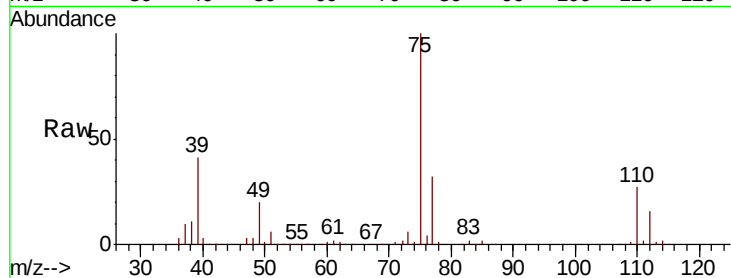
ClientSampled :

Tot Ion: 75 Resp: 148907

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

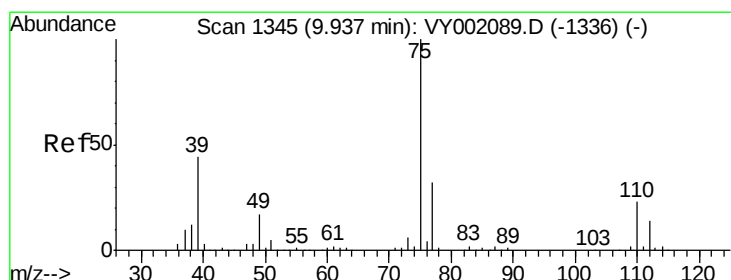
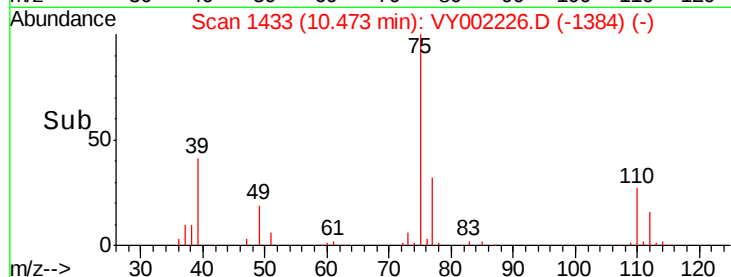
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.117 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

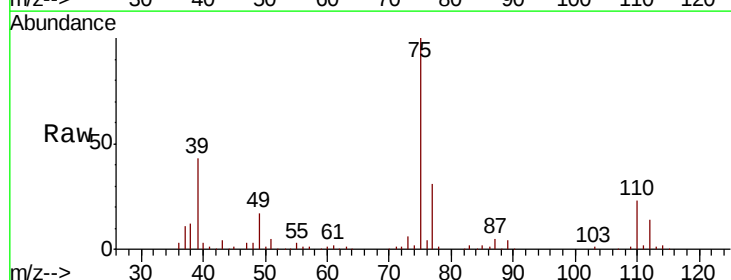
Tgt Ion: 75 Resp: 174370

Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 43.0 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

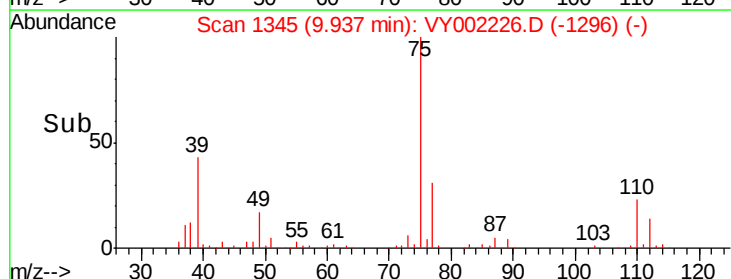
9.94

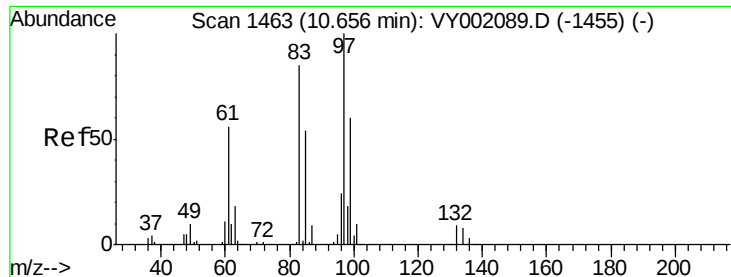
100000

50000

0

Time-->

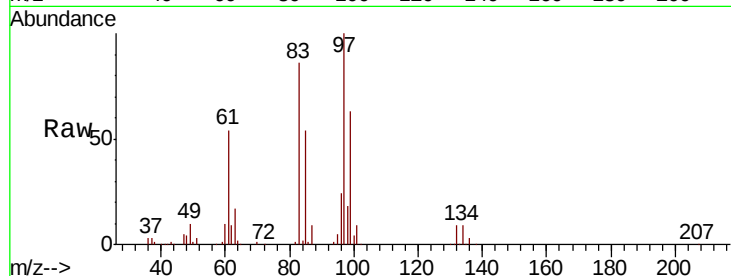




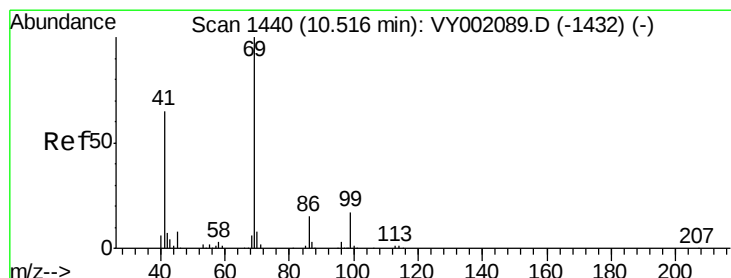
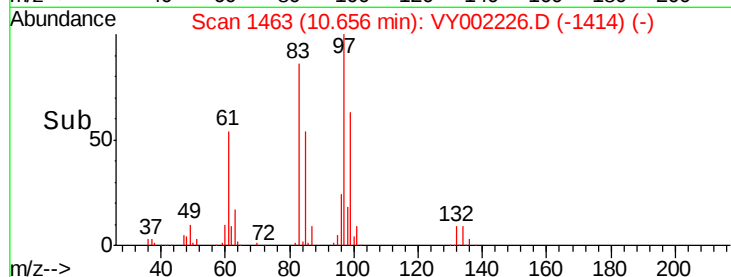
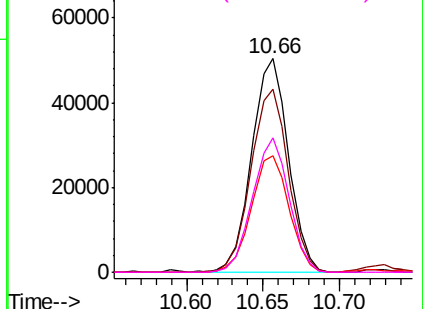
#55
 1,1,2-Trichloroethane
 Concen: 51.047 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	84717
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.2	102.2
85	54.3	42.9	64.3
99	62.7	47.9	71.9

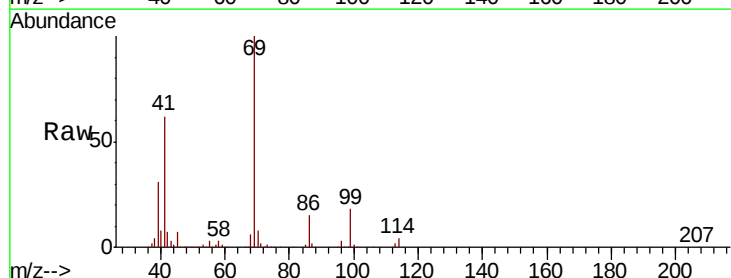


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

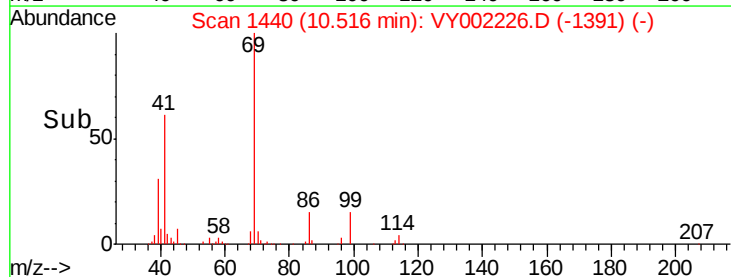
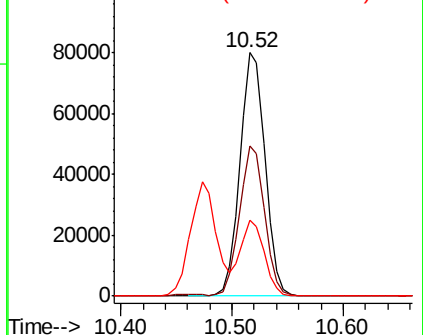


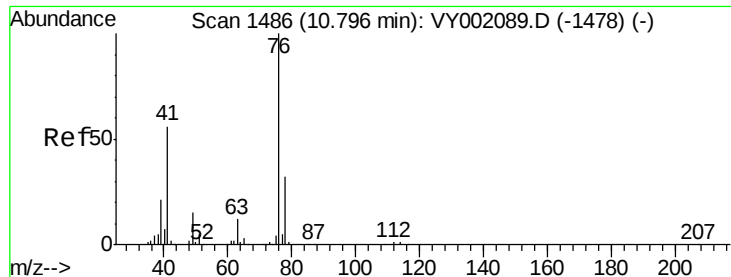
#56
 Ethyl methacrylate
 Concen: 51.550 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion:	69	Resp:	124955
Ion	Ratio	Lower	Upper
69	100		
41	61.7	52.8	79.2
39	30.1	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

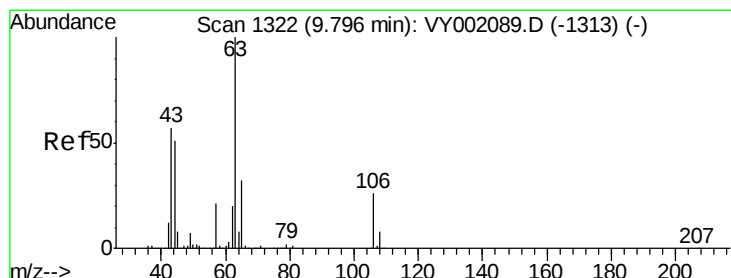
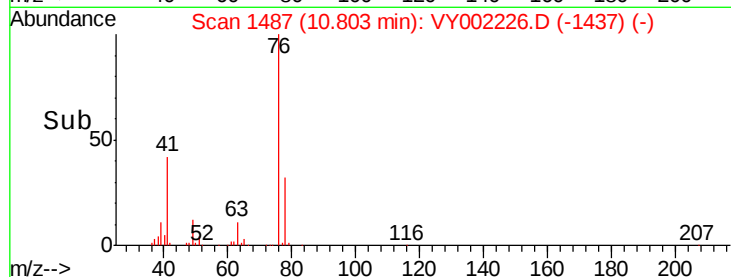
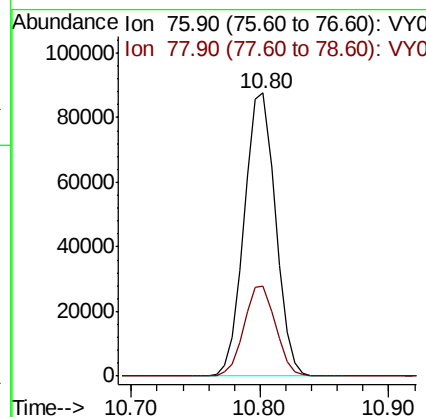
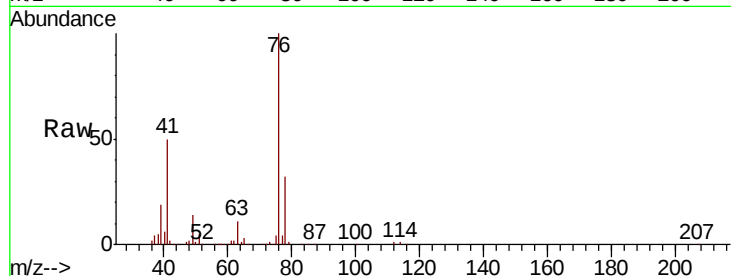




#57
 1,3-Dichloropropane
 Concen: 50.085 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

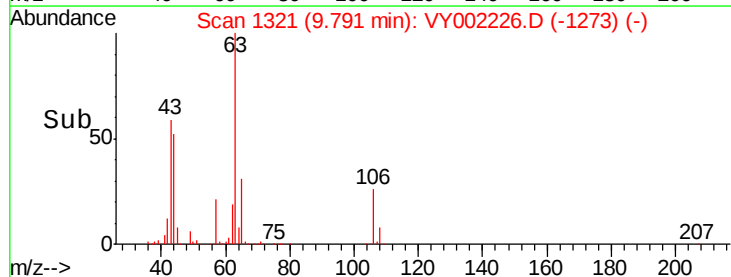
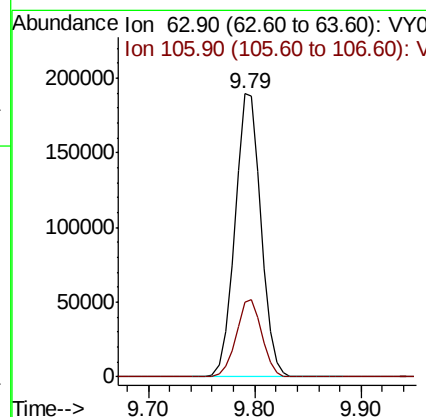
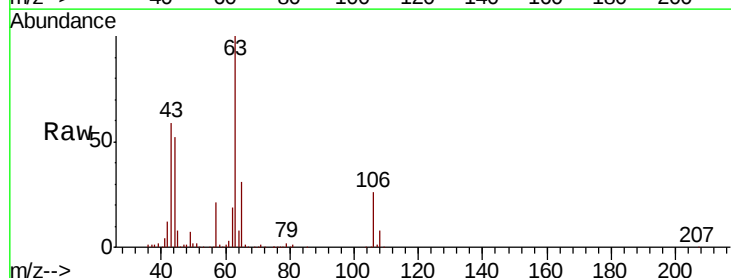
Instrument :
 MSVOA_Y
 ClientSampleId :

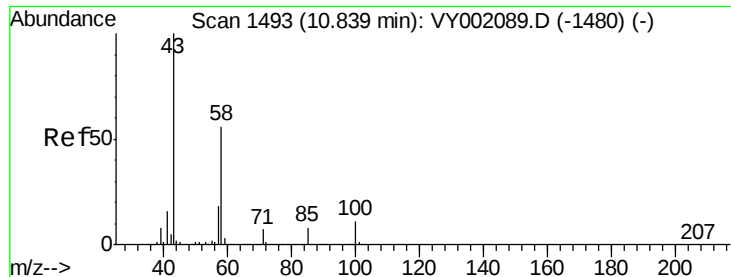
Tot Ion: 76 Resp: 146858
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.029 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion: 63 Resp: 323875
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.0 31.4

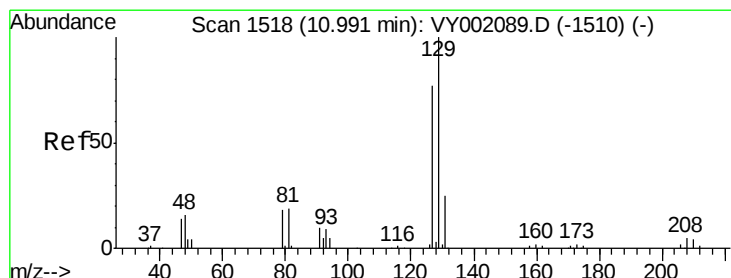
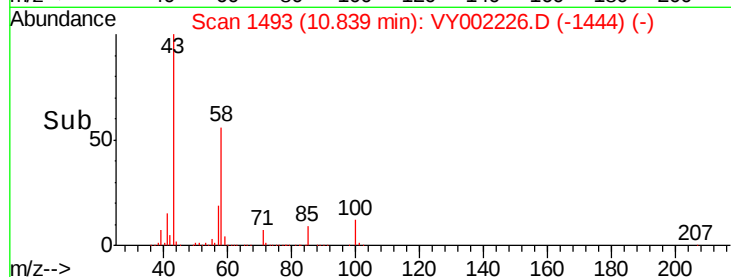
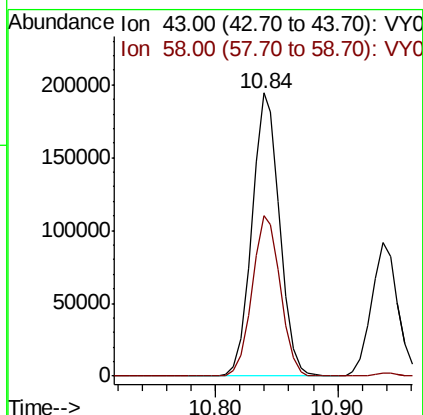
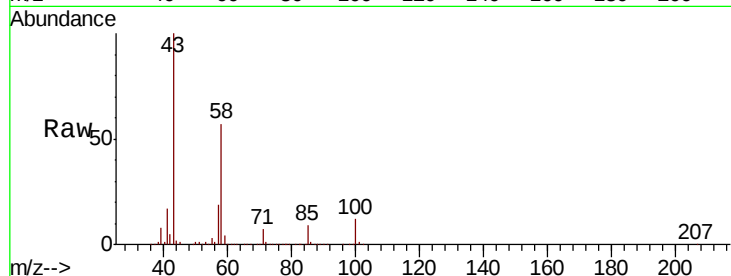




#59
2-Hexanone
Concen: 259.650 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

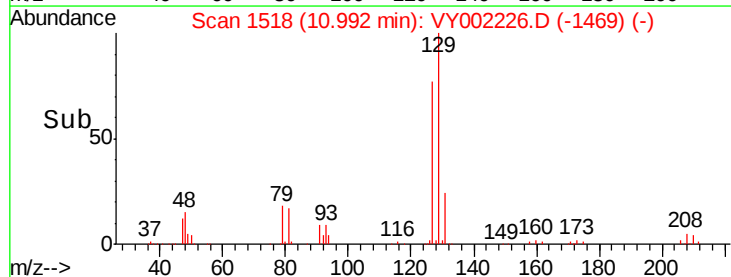
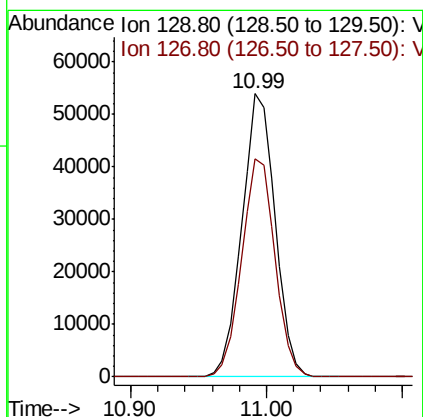
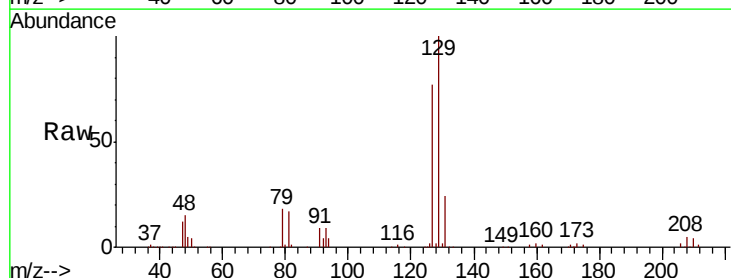
Instrument :
MSVOA_Y
ClientSampled :

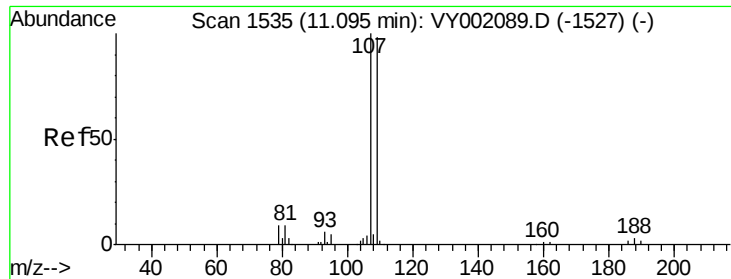
Tot Ion: 43 Resp: 305802
Ion Ratio Lower Upper
43 100
58 57.6 27.9 83.6



#60
Dibromochloromethane
Concen: 53.017 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion: 129 Resp: 92071
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

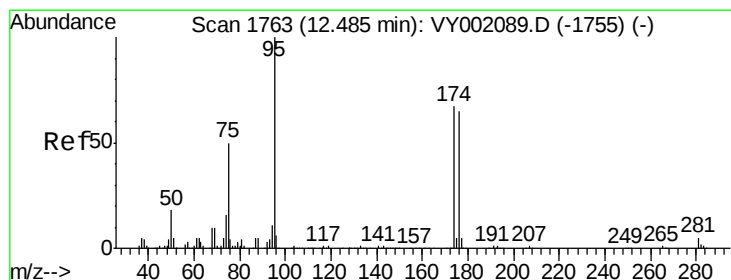
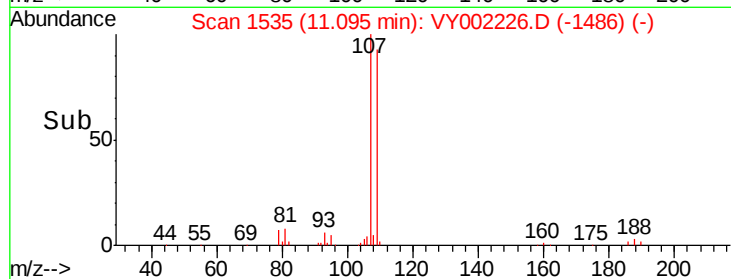
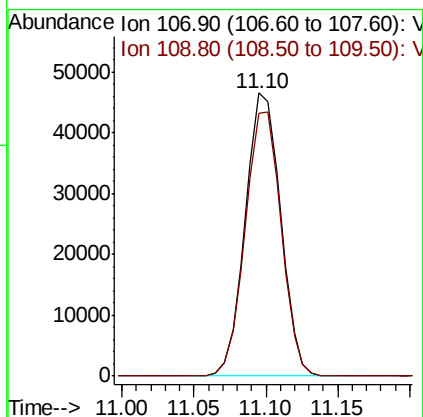
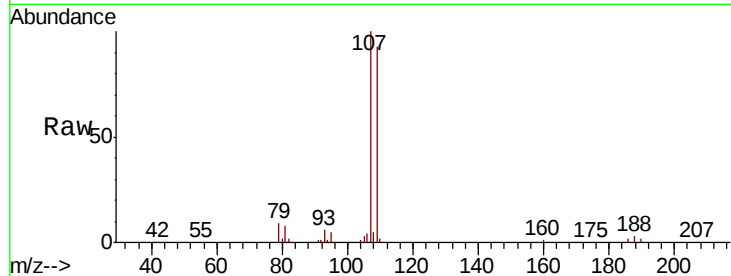




#61
 1,2-Dibromoethane
 Concen: 50.915 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

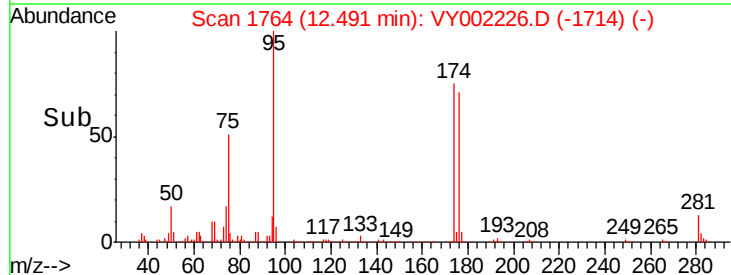
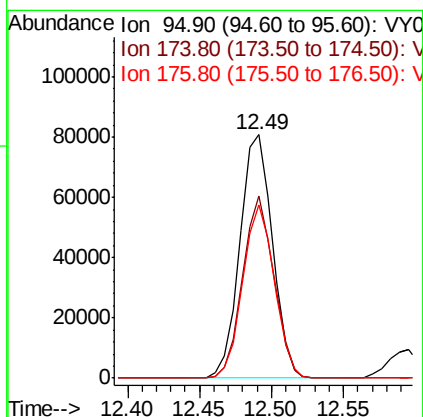
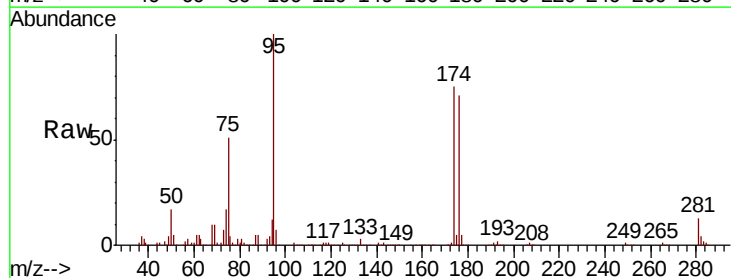
Instrument :
 MSVOA_Y
 ClientSampled :

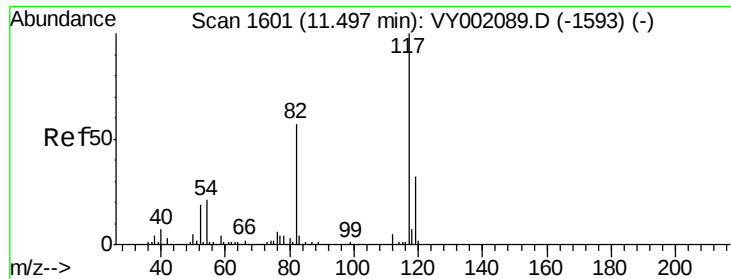
Tot Ion:107 Resp: 79089
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.647 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion: 95 Resp: 126190
 Ion Ratio Lower Upper
 95 100
 174 72.0 0.0 143.4
 176 69.3 0.0 137.0

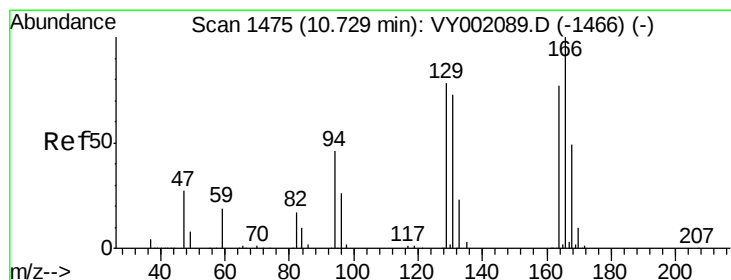
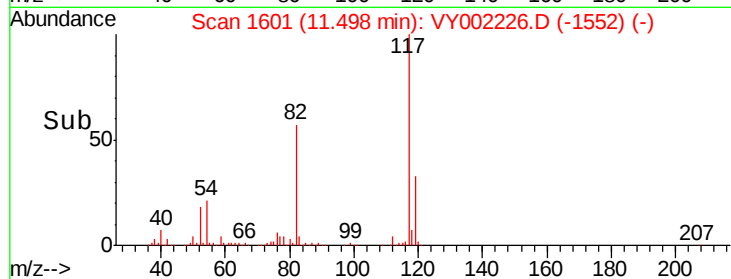
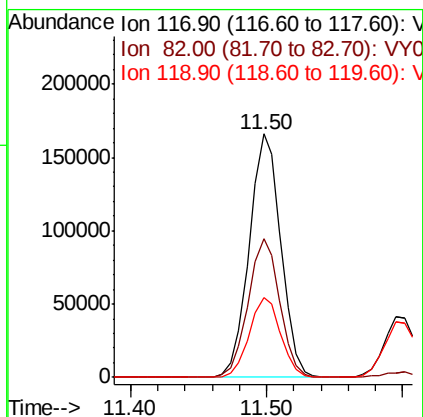
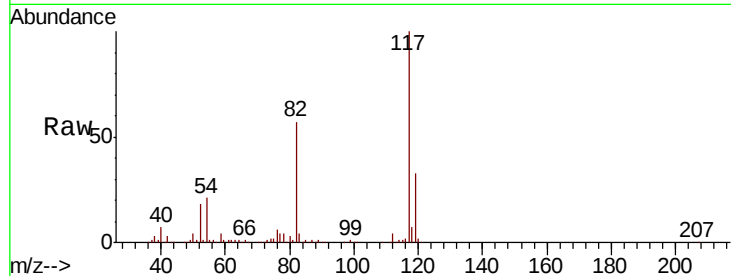




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

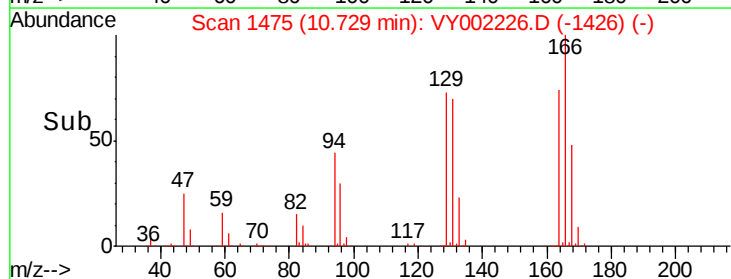
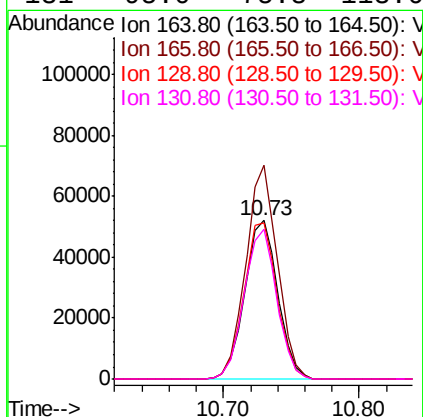
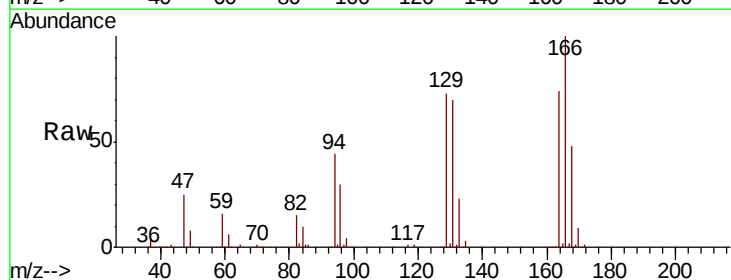
Instrument :
MSVOA_Y
ClientSampleId :

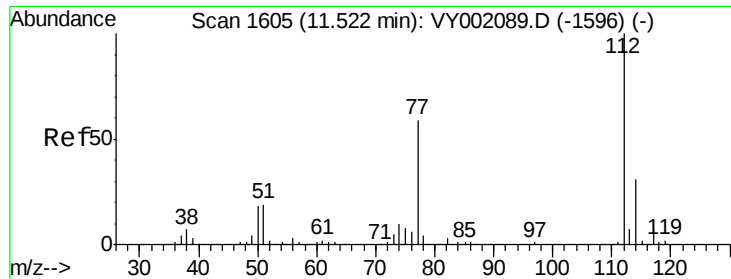
Tot Ion:117 Resp: 270081
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 53.480 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion:164 Resp: 88372
Ion Ratio Lower Upper
164 100
166 134.9 104.0 156.0
129 99.1 81.2 121.8
131 95.0 75.8 113.6





#65

Chlorobenzene

Concen: 51.292 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

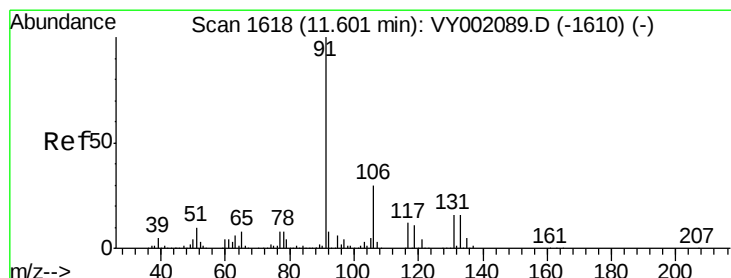
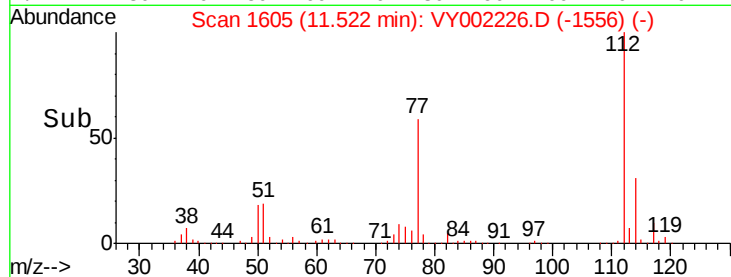
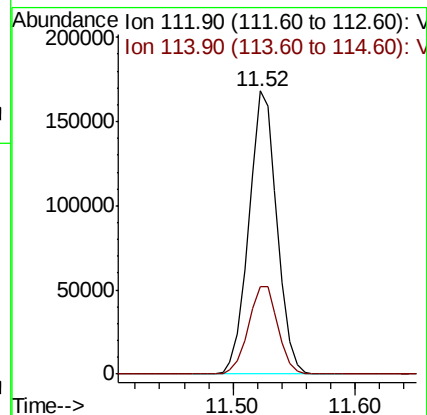
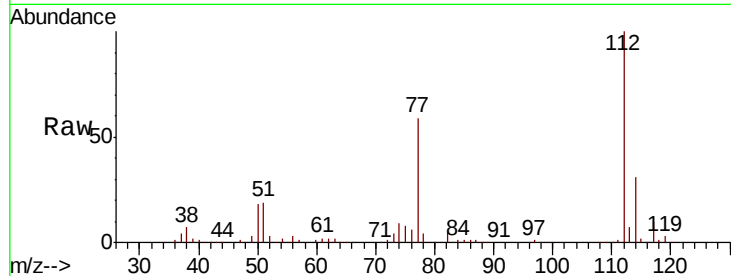
ClientSampleId :

Tot Ion:112 Resp: 267407

Ion Ratio Lower Upper

112 100

114 30.8 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.253 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

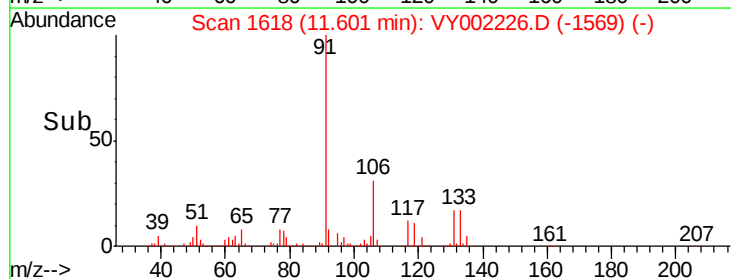
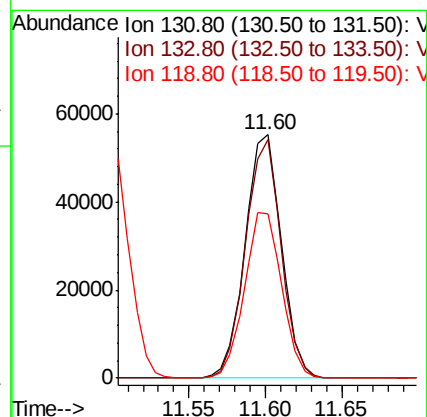
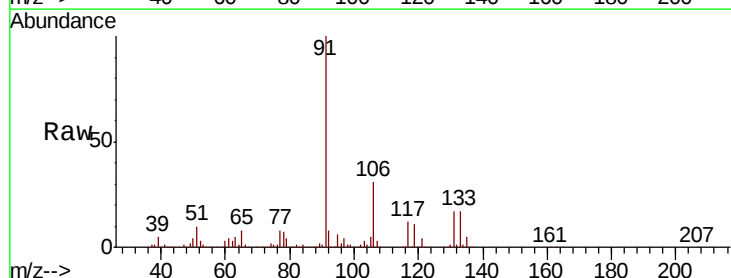
Tgt Ion:131 Resp: 91137

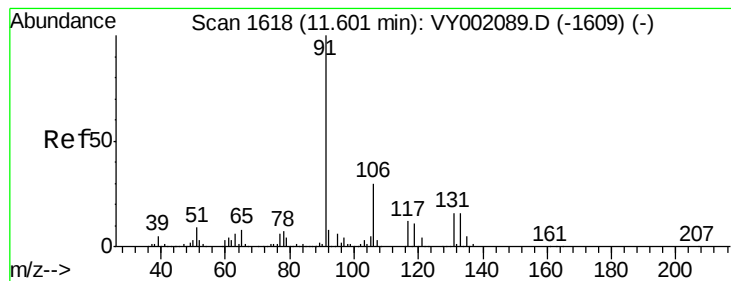
Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.5

119 69.7 34.6 103.9





#67

Ethyl Benzene

Concen: 51.980 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

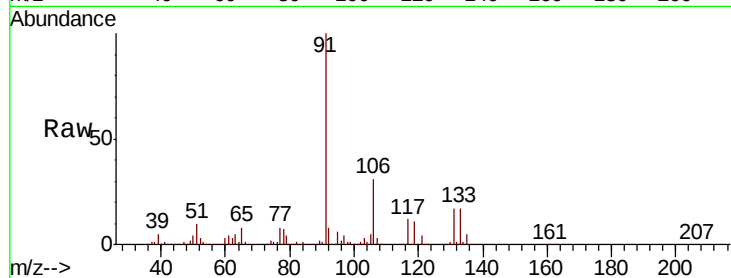
ClientSampled :

Tot Ion: 91 Resp: 503314

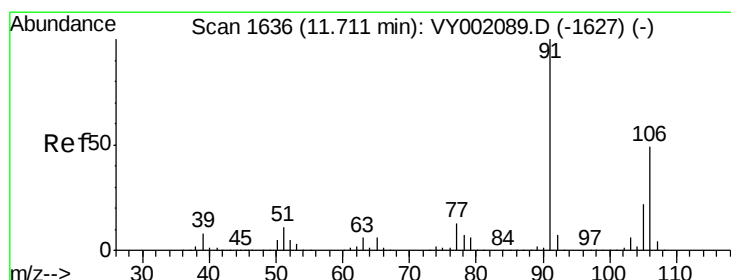
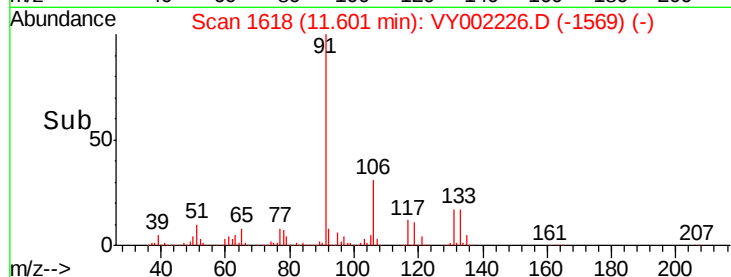
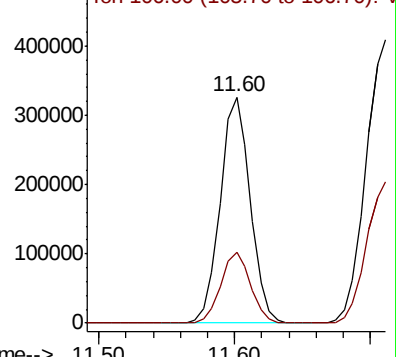
Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1609) (-)



#68

m/p-Xylenes

Concen: 104.637 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VY002226.D

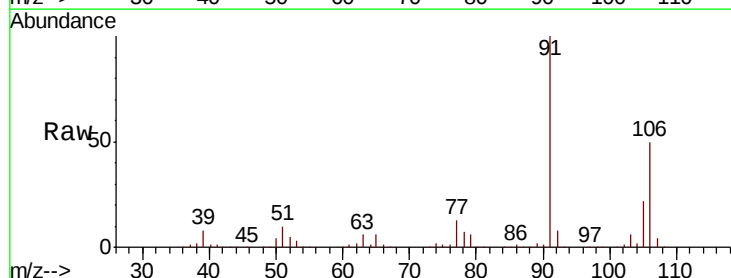
Acq: 06 Apr 2020 10:10

Tgt Ion:106 Resp: 374608

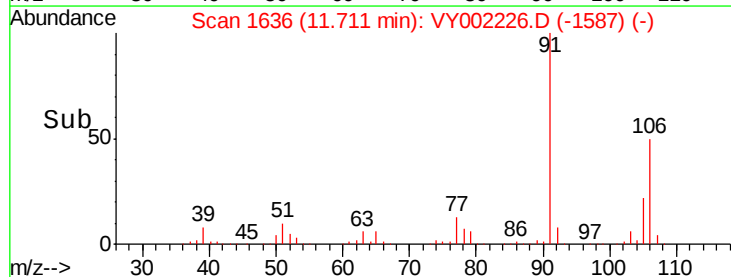
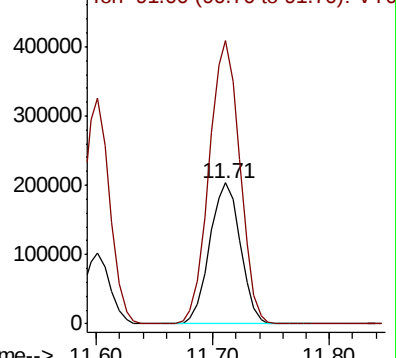
Ion Ratio Lower Upper

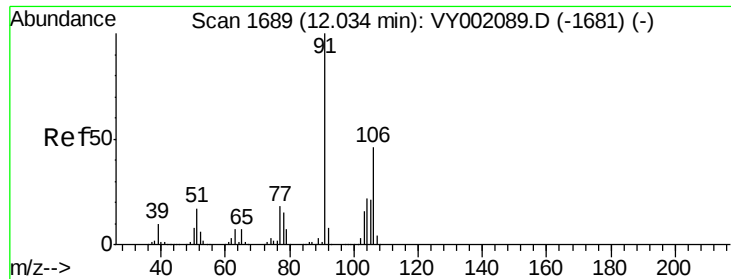
106 100

91 200.8 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): VY002089.D (-1627) (-)

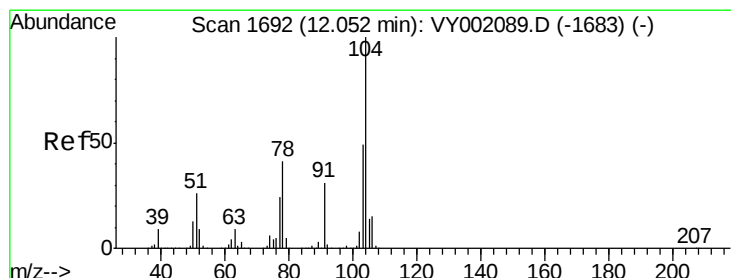
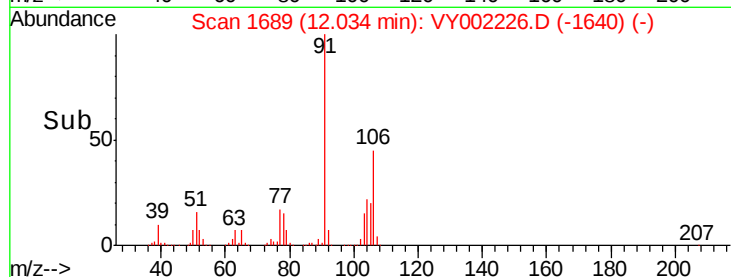
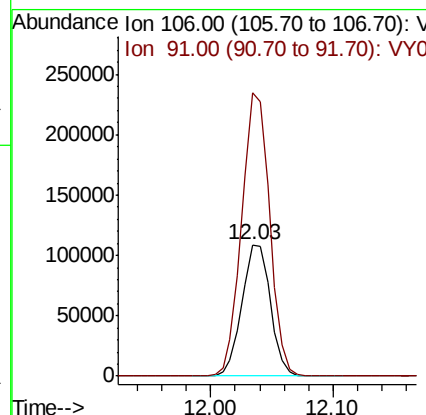
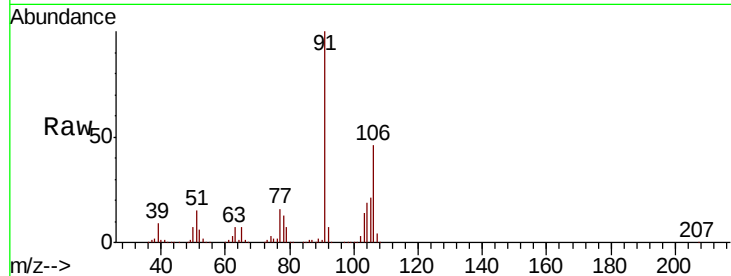




#69
o-Xylene
Concen: 51.474 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

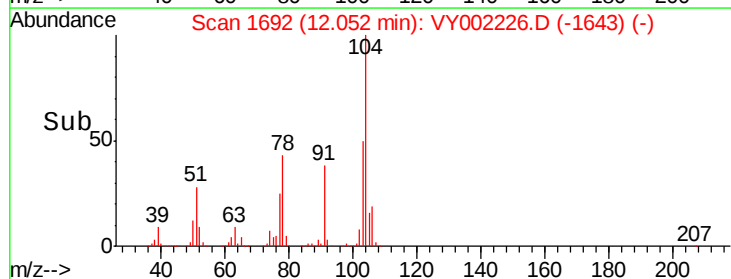
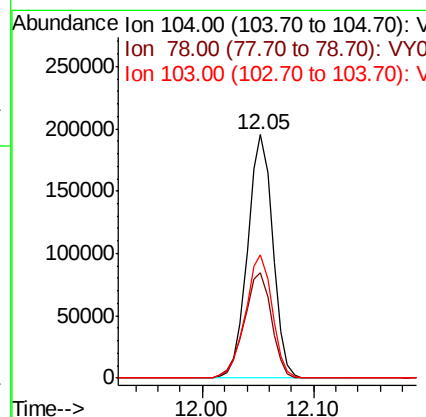
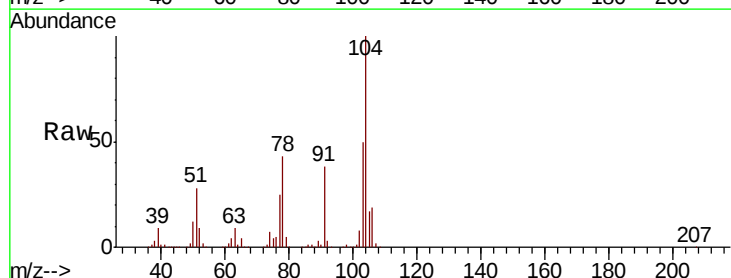
Instrument :
MSVOA_Y
ClientSampled :

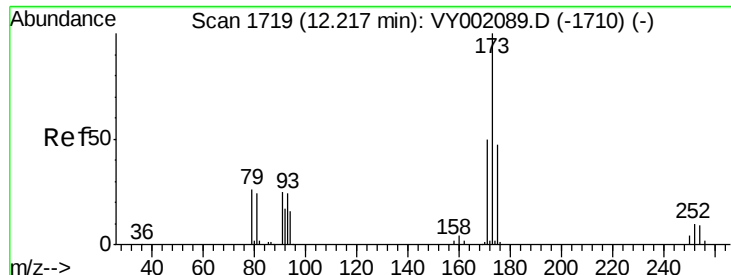
Tot Ion:106 Resp: 174811
Ion Ratio Lower Upper
106 100
91 212.4 107.3 321.8



#70
Styrene
Concen: 52.075 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion:104 Resp: 306449
Ion Ratio Lower Upper
104 100
78 47.1 37.9 56.9
103 54.0 43.2 64.8

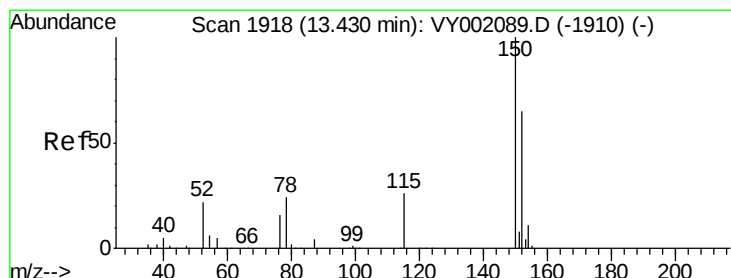
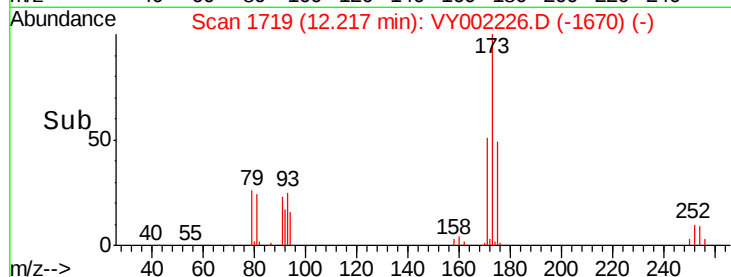
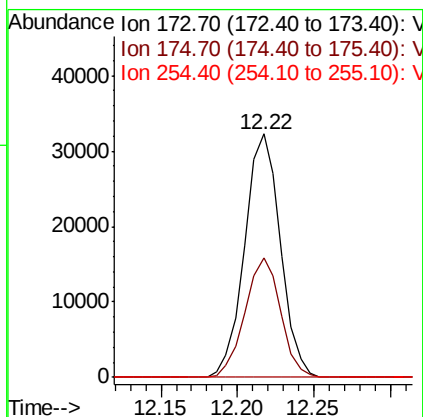
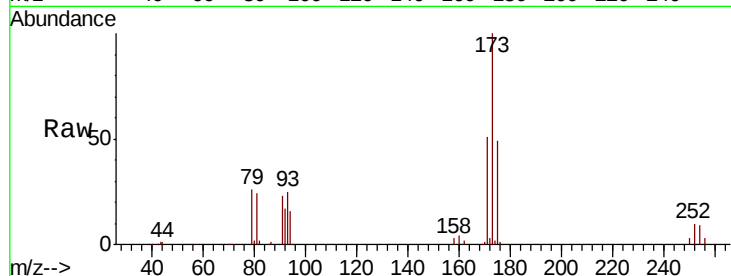




#71
Bromoform
Concen: 54.849 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

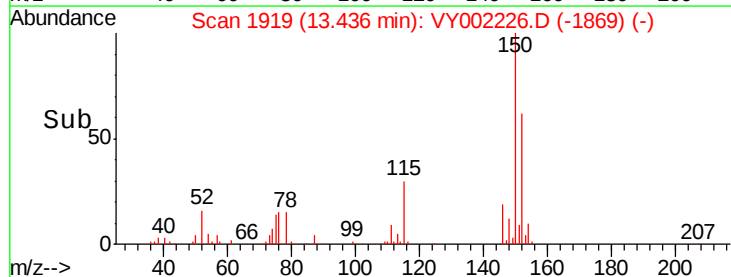
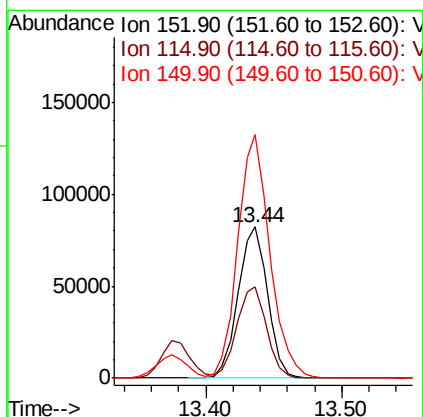
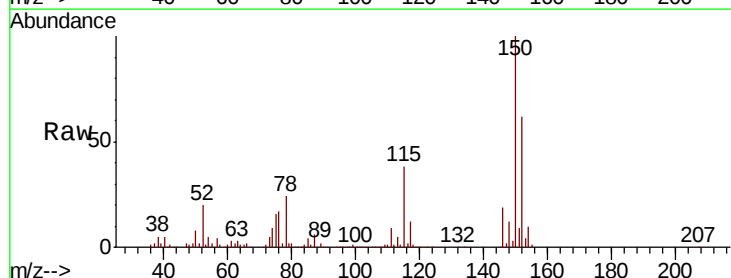
Instrument :
MSVOA_Y
ClientSampleId :

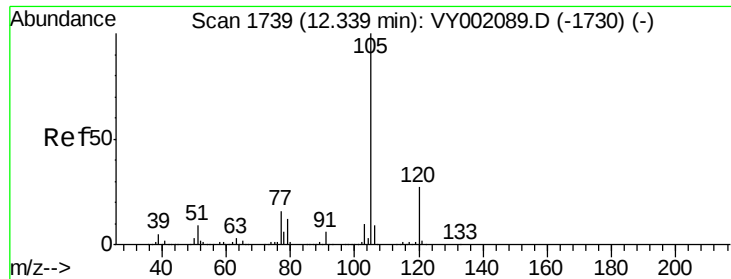
Tot Ion:173 Resp: 52397
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion:152 Resp: 123558
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 175.8 0.0 354.8





#73

Isopropylbenzene

Concen: 51.485 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

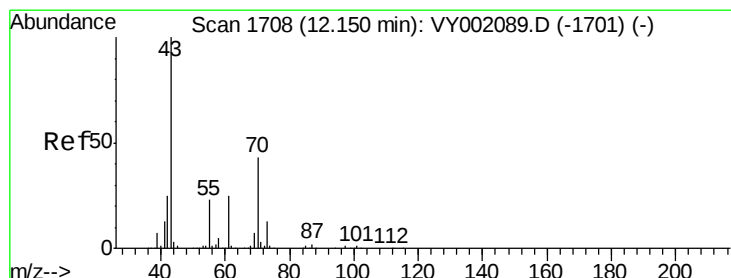
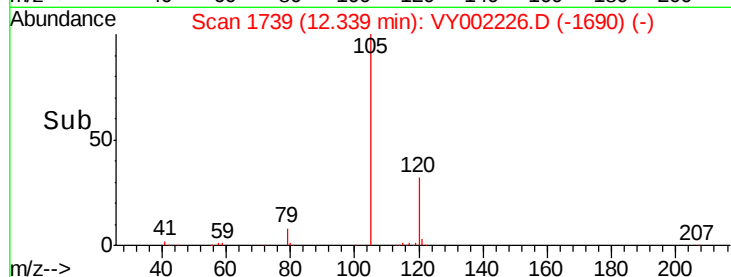
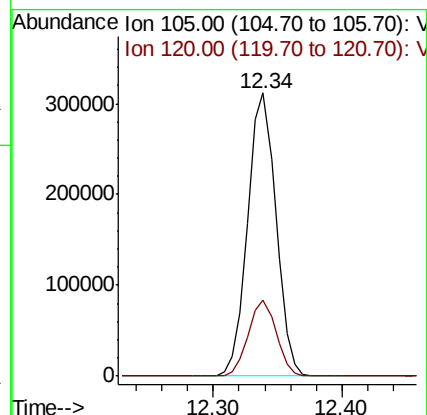
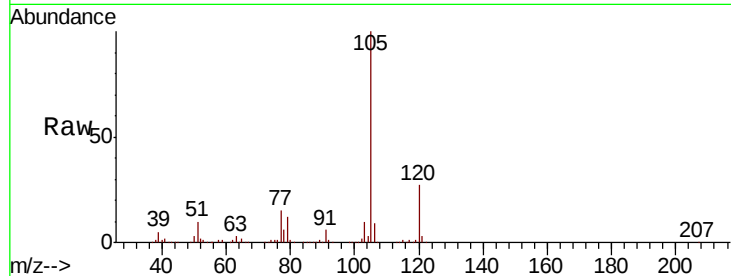
ClientSampleId :

Tot Ion:105 Resp: 471894

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.8



#74

N-ethyl acetate

Concen: 49.710 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Tgt Ion: 43 Resp: 143701

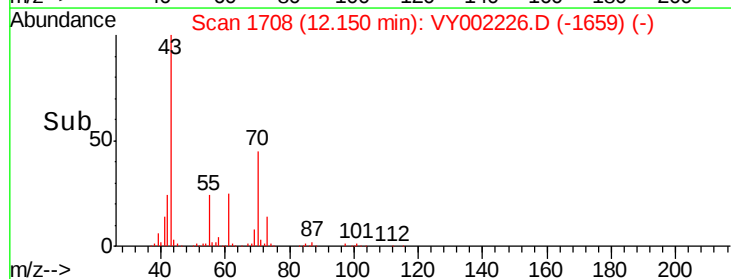
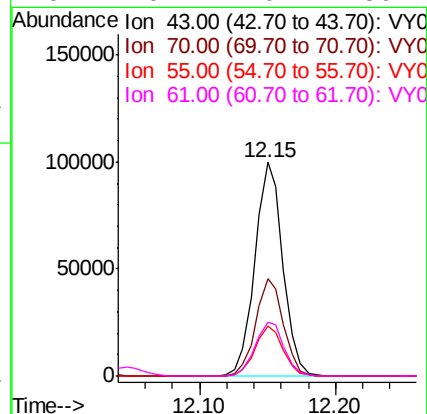
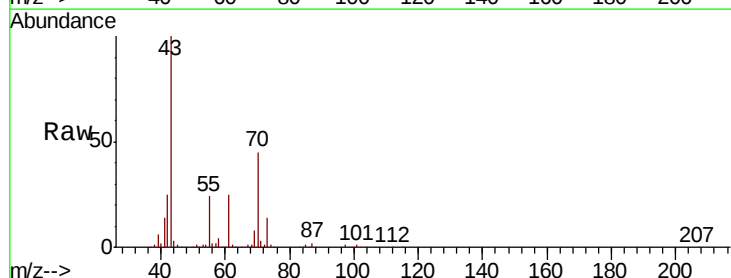
Ion Ratio Lower Upper

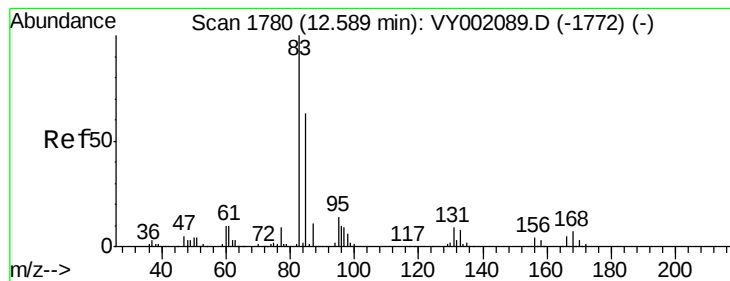
43 100

70 45.3 35.0 52.4

55 23.5 18.7 28.1

61 26.2 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.986 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

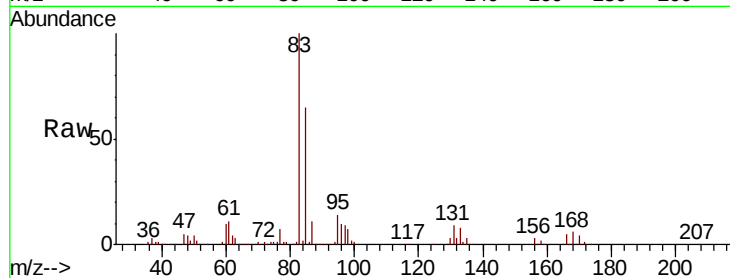
Tot Ion: 83 Resp: 102533

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	64.1	32.4	97.0

83 100

131 9.5 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

12.59

60000

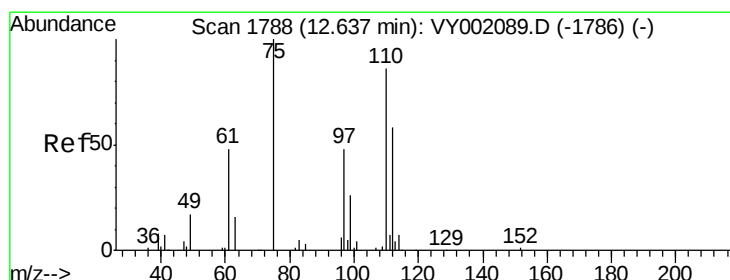
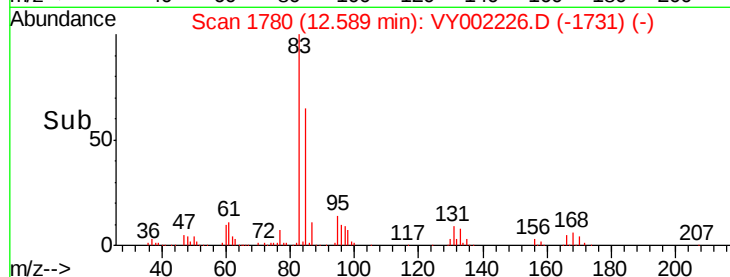
40000

20000

0

12.55 12.60 12.65

Time-->



#76

1,2,3-Trichloropropane

Concen: 95.555 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002226.D

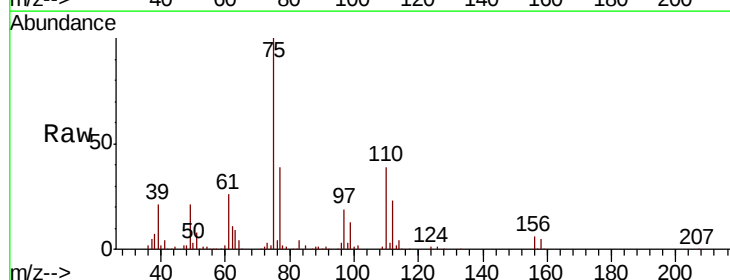
Acq: 06 Apr 2020 10:10

Tgt Ion: 75 Resp: 132068

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

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

12.64

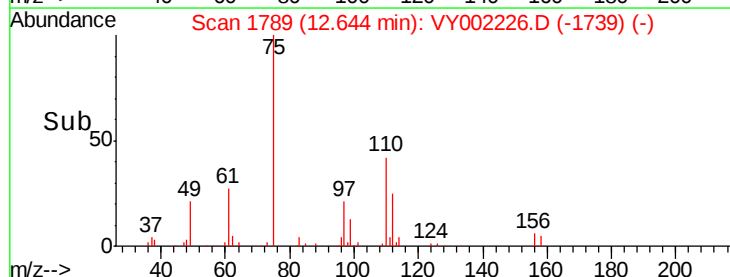
100000

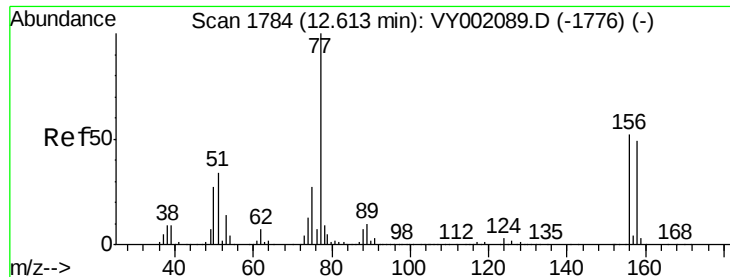
50000

0

12.50 12.60 12.70

Time-->





#77

Bromobenzene

Concen: 52.407 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

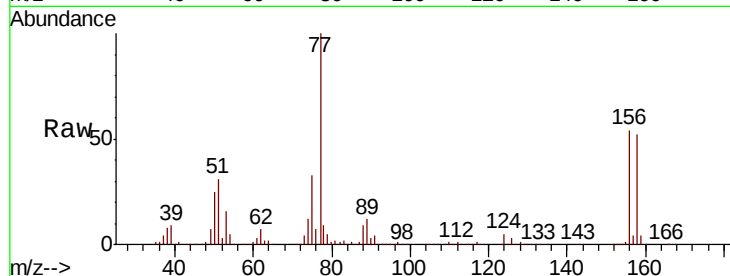
Tot Ion:156 Resp: 102540

Ion Ratio Lower Upper

156 100

77 210.7 107.8 323.6

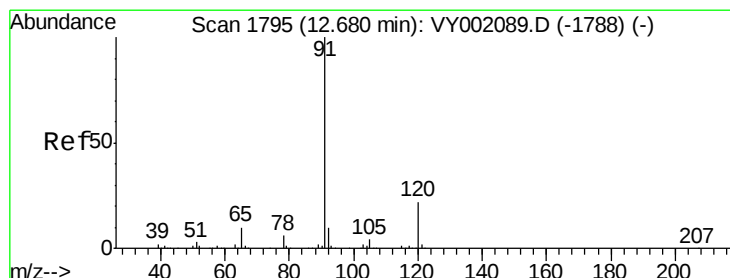
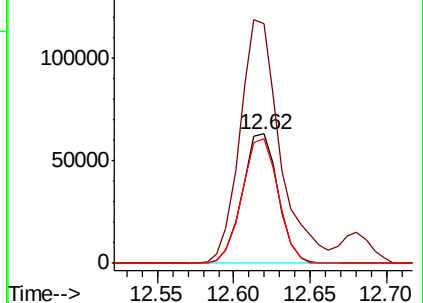
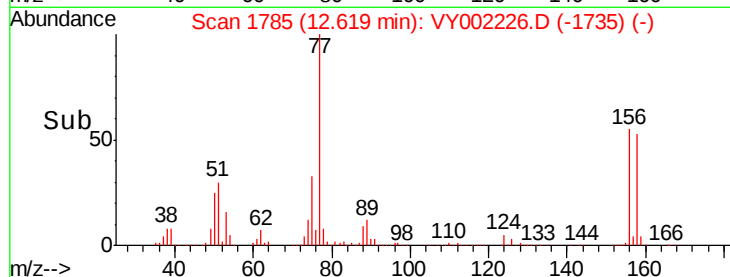
158 96.9 47.5 142.6



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: 51.453 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002226.D

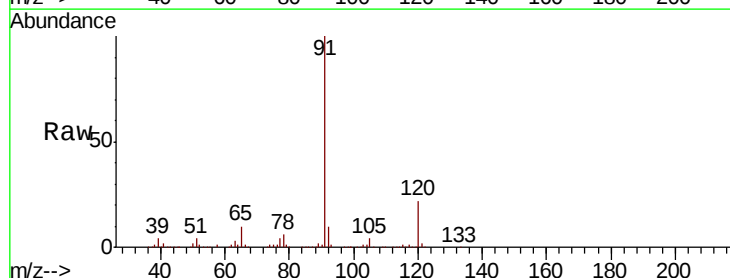
Acq: 06 Apr 2020 10:10

Tgt Ion: 91 Resp: 585242

Ion Ratio Lower Upper

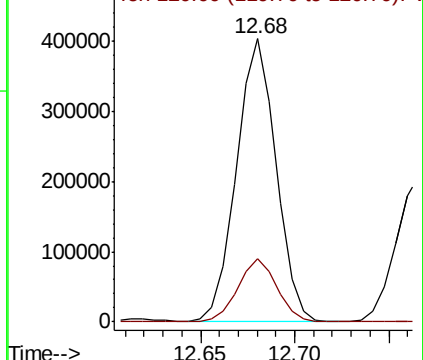
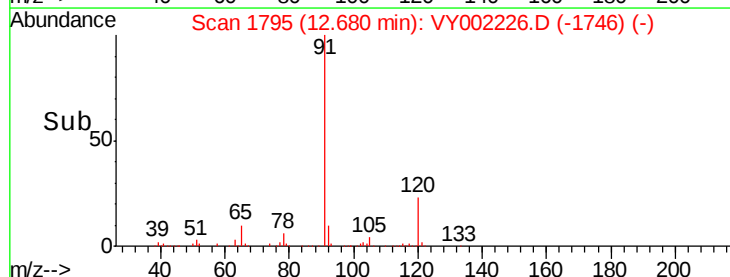
91 100

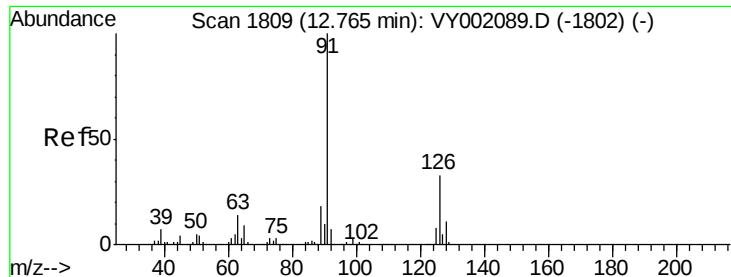
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

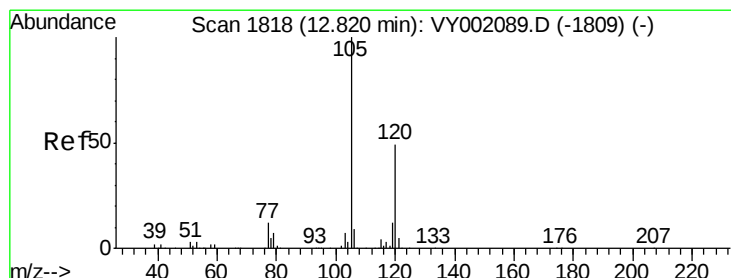
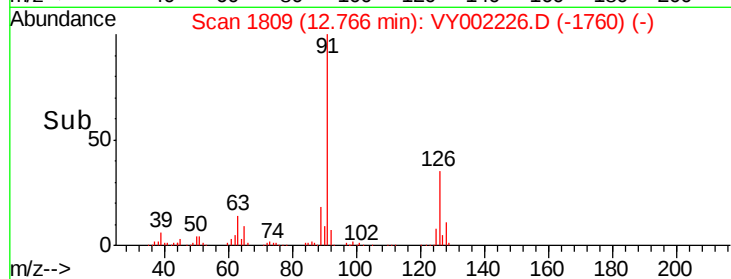
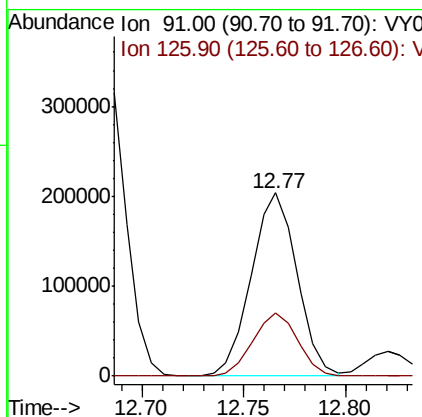
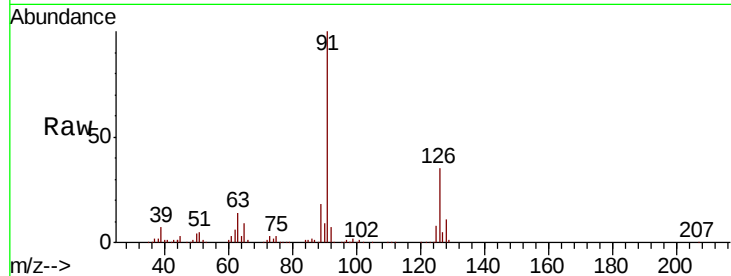




#79
 2-Chlorotoluene
 Concen: 50.811 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

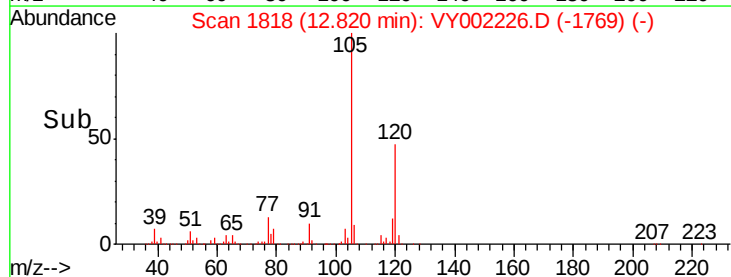
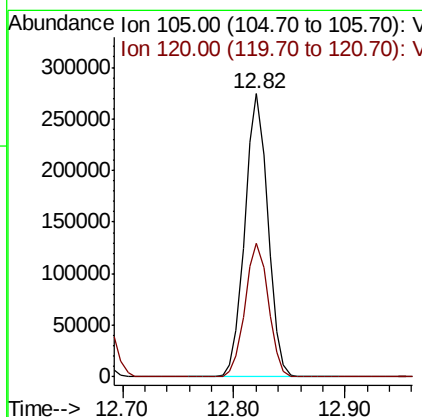
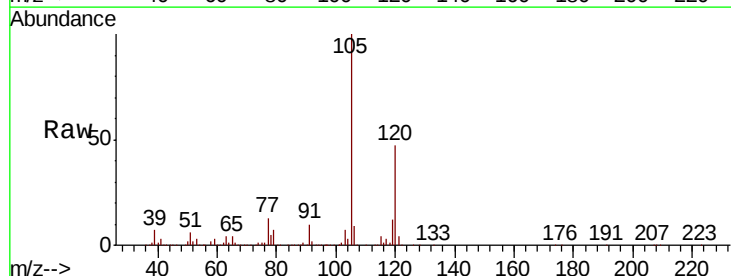
Instrument :
 MSVOA_Y
 ClientSampleId :

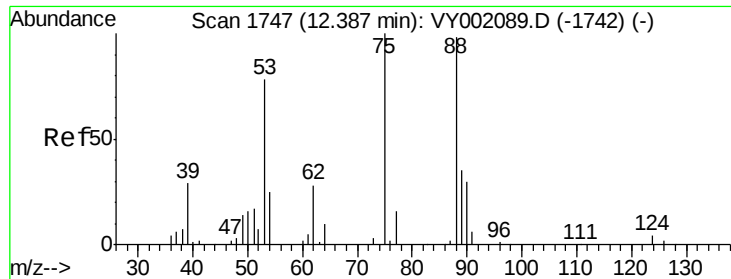
Tot Ion: 91 Resp: 317324
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.017 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion: 105 Resp: 393350
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.361 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

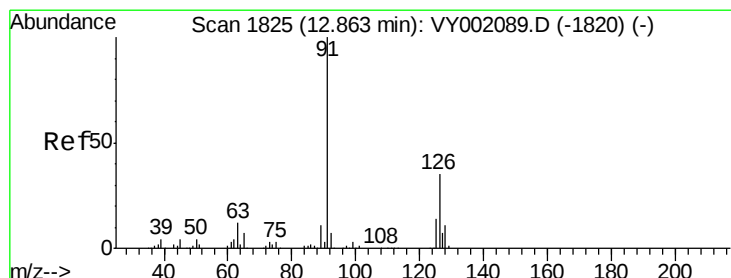
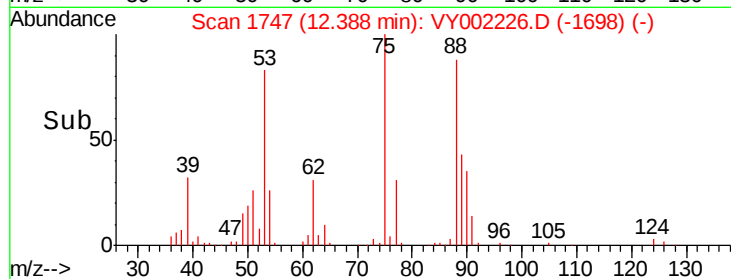
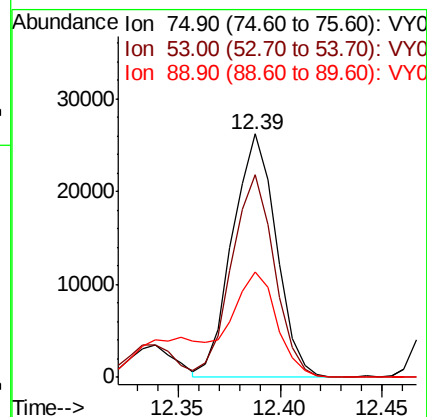
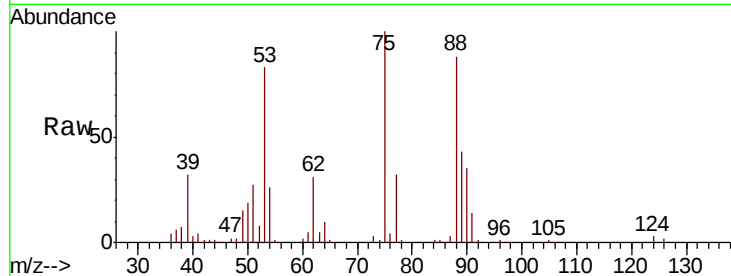
Tot Ion: 75 Resp: 38781

Ion Ratio Lower Upper

75 100

53 81.9 65.0 97.4

89 45.5 33.4 50.0



#82

4-Chlorotoluene

Concen: 51.012 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002226.D

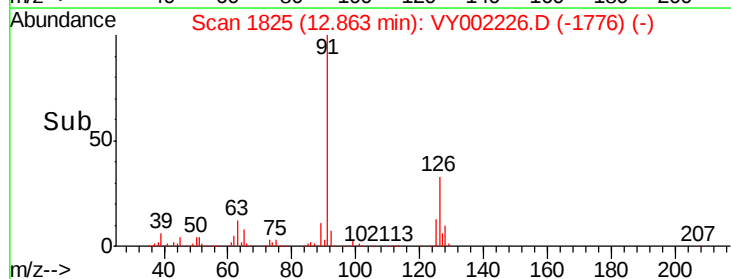
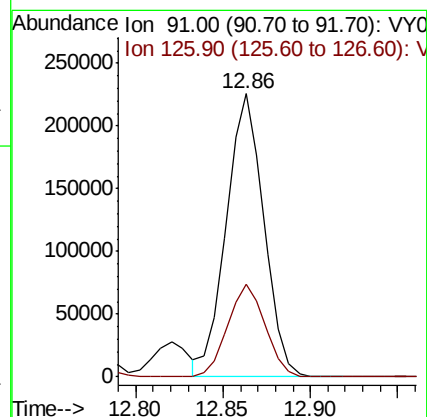
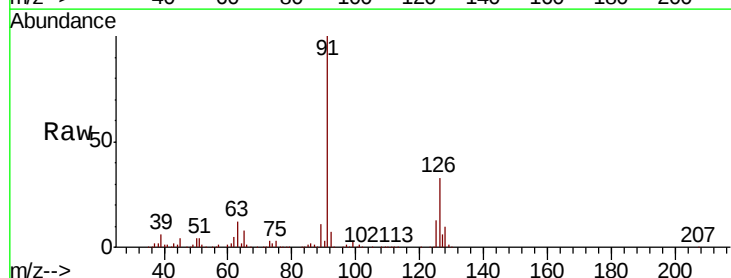
Acq: 06 Apr 2020 10:10

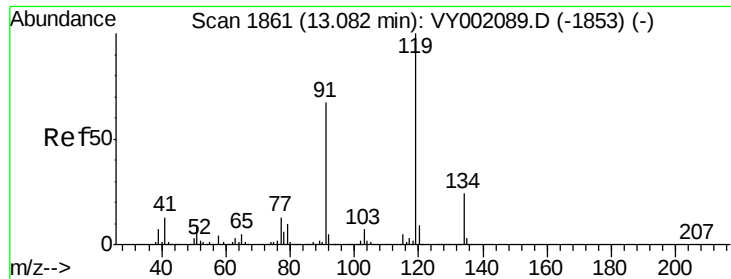
Tgt Ion: 91 Resp: 335708

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9

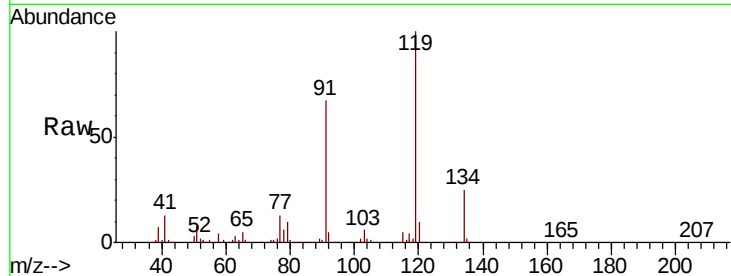




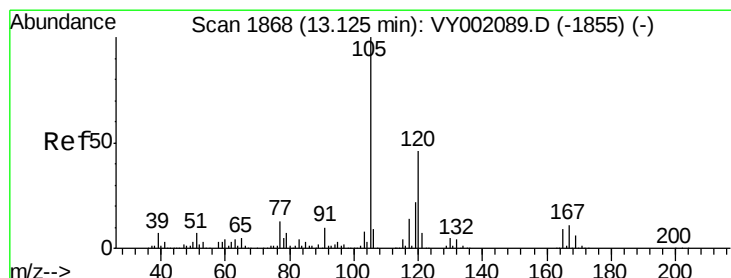
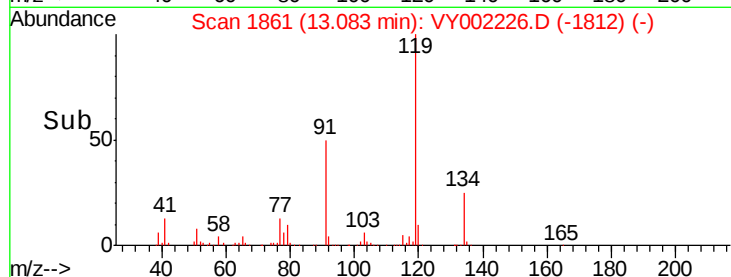
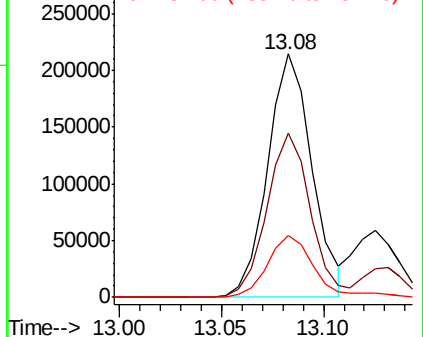
#83
tert-Butylbenzene
Concen: 51.464 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 324843
Ion Ratio Lower Upper
119 100
91 66.6 32.9 98.6
134 26.9 13.0 38.9

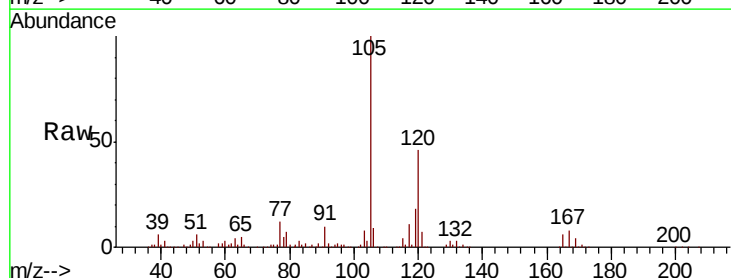


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

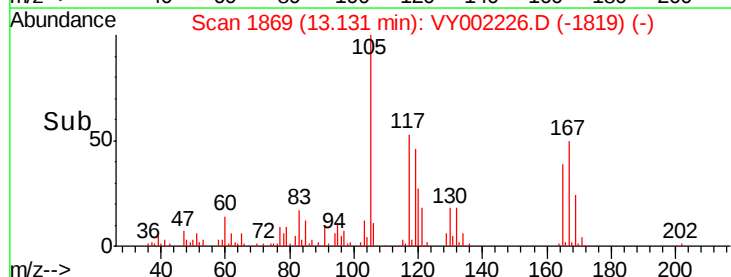
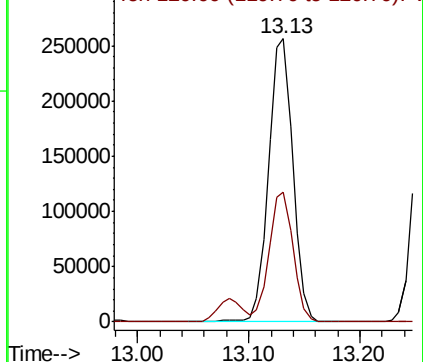


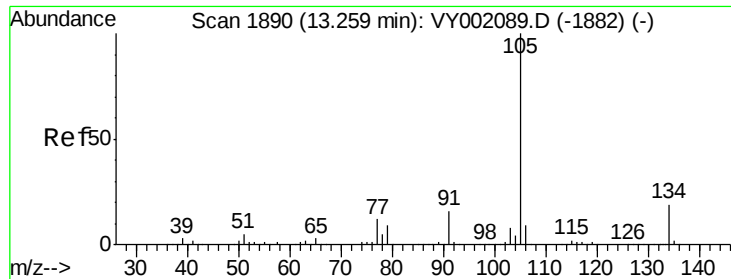
#84
1,2,4-Trimethylbenzene
Concen: 51.671 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion:105 Resp: 389847
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

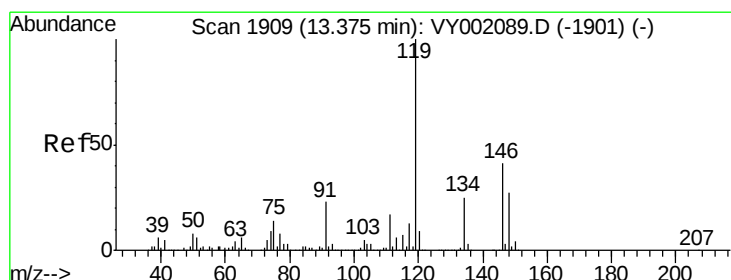
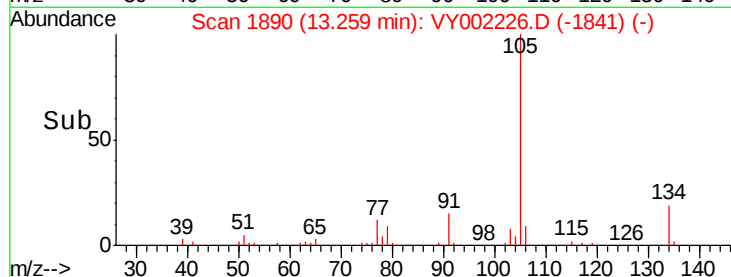
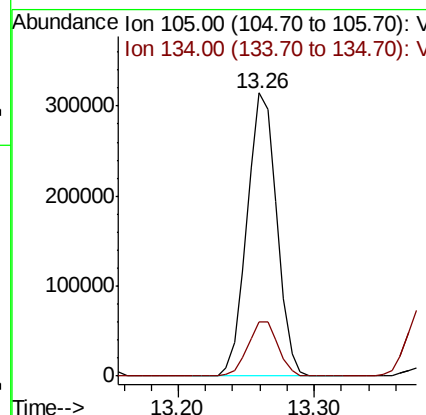
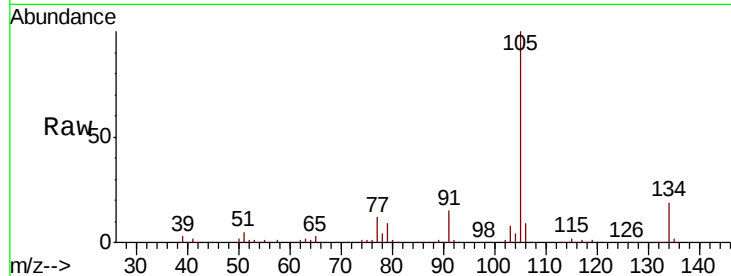




#85
 sec-Butylbenzene
 Concen: 51.642 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

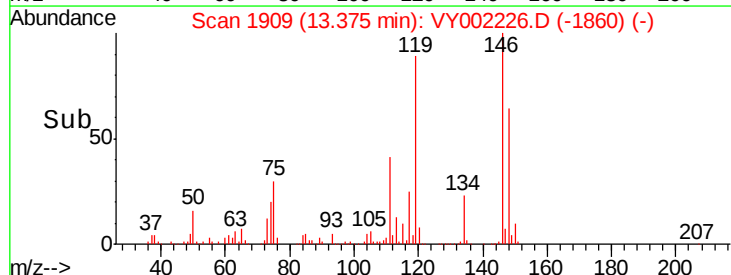
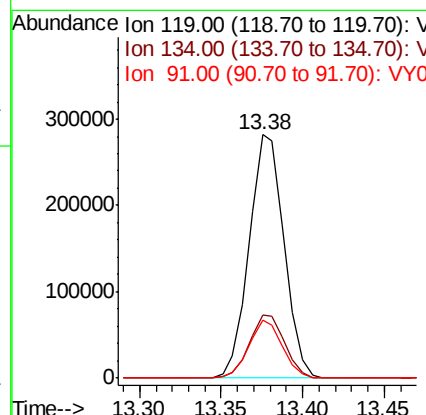
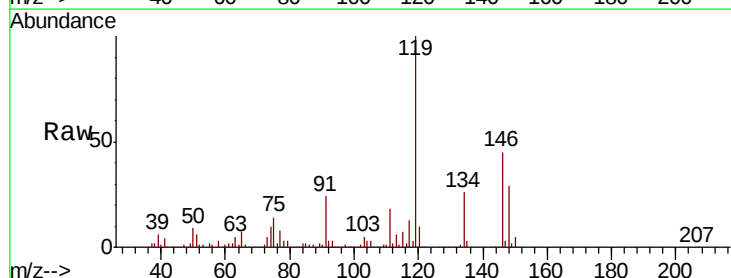
Instrument :
 MSVOA_Y
 ClientSampleId :

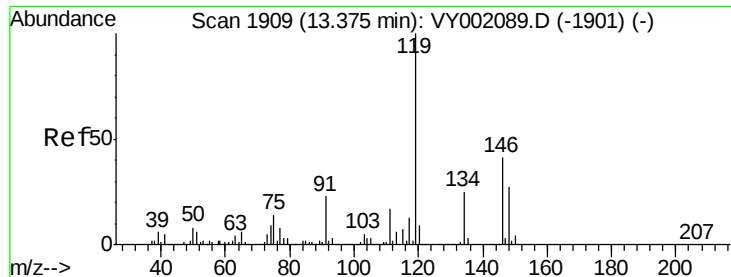
Tot Ion:105 Resp: 482814
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.292 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion:119 Resp: 419832
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.9 11.8 35.3

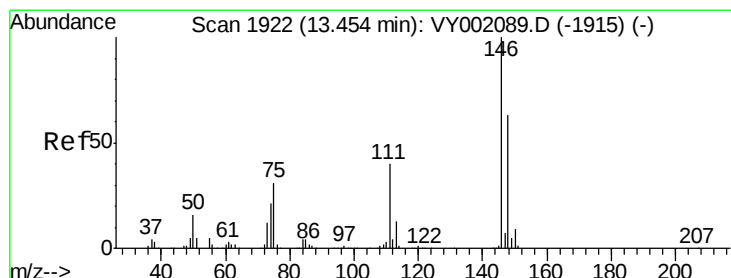
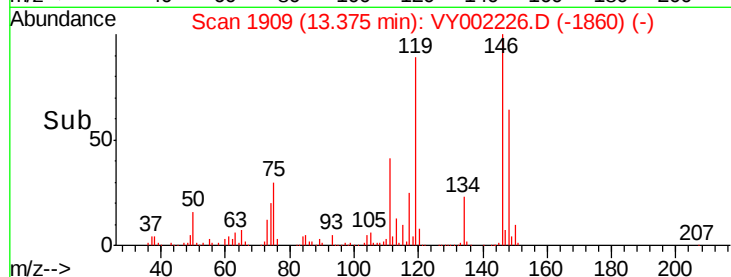
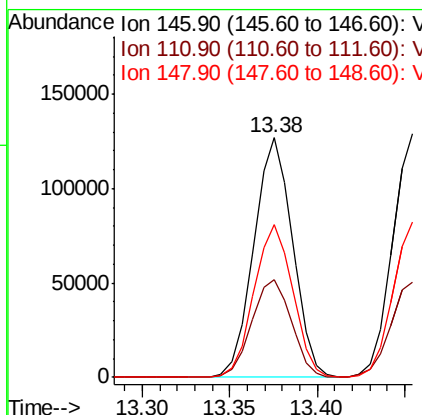
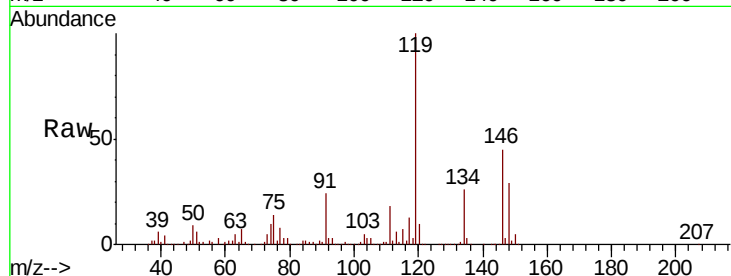




#87
 1,3-Dichlorobenzene
 Concen: 51.182 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

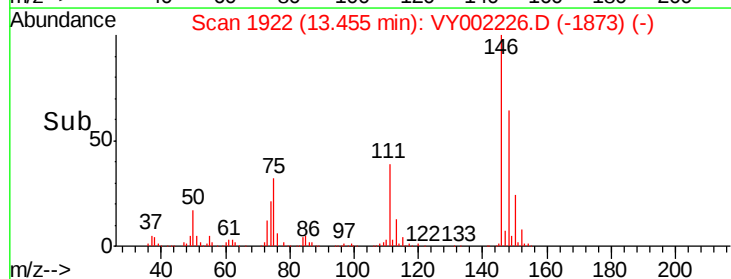
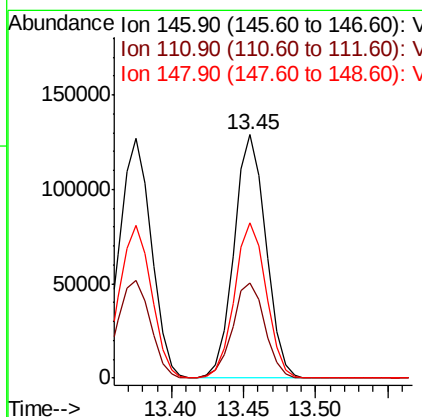
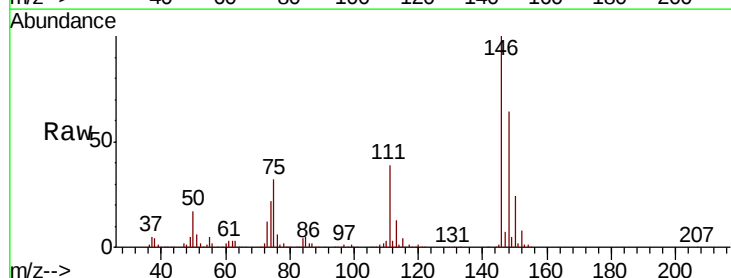
Instrument :
 MSVOA_Y
 ClientSampleId :

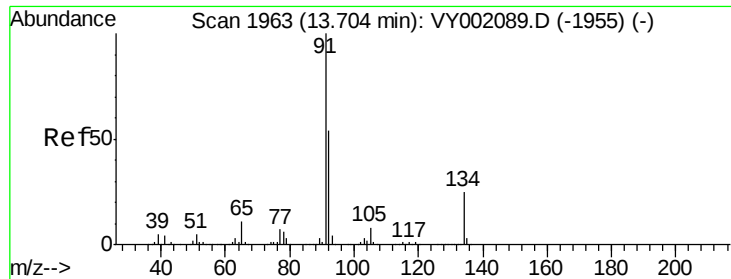
Tot Ion:146 Resp: 195907
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.9 62.8
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.622 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion:146 Resp: 198833
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.9
 148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 50.632 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

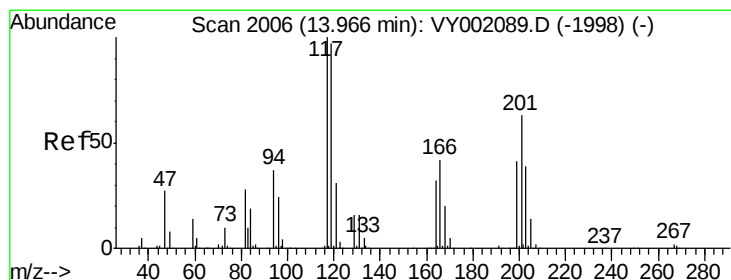
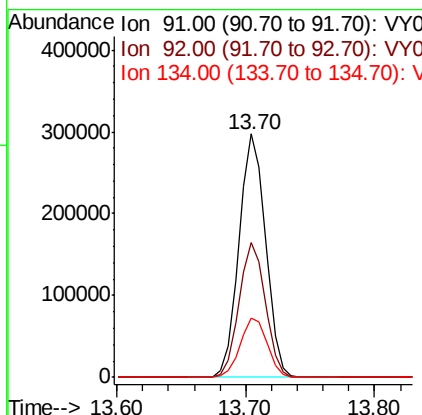
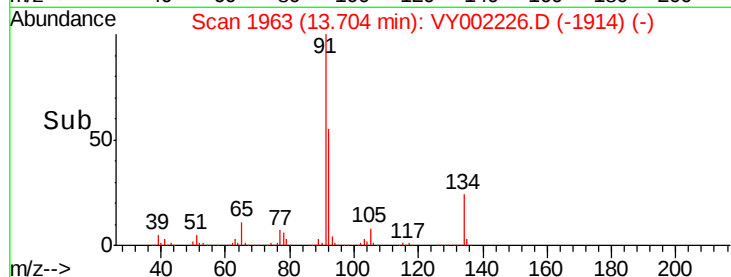
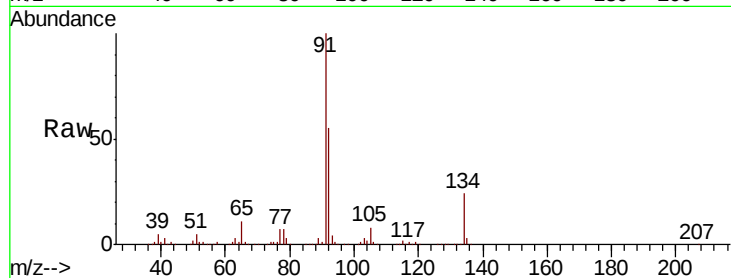
Tot Ion: 91 Resp: 423544

Ion Ratio Lower Upper

91 100

92 54.8 27.0 81.0

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 53.762 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY002226.D

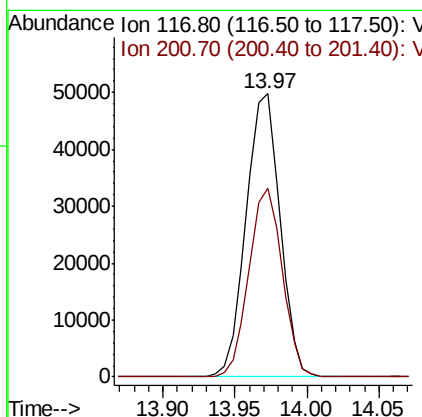
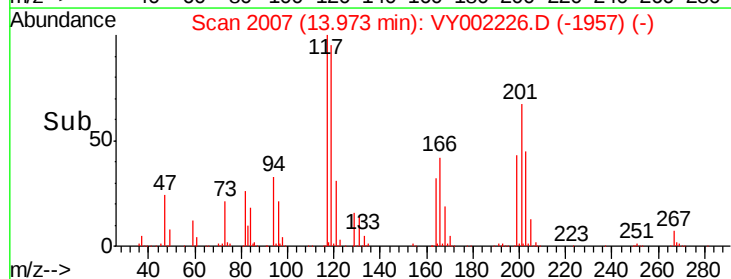
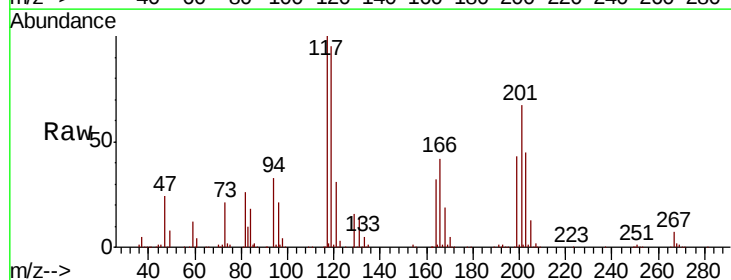
Acq: 06 Apr 2020 10:10

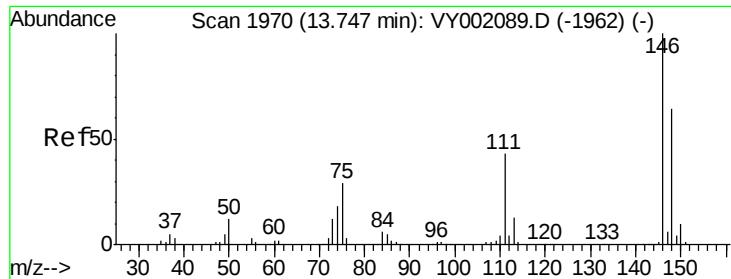
Tgt Ion: 117 Resp: 81333

Ion Ratio Lower Upper

117 100

201 65.3 31.6 94.8





#91

1,2-Dichlorobenzene

Concen: 51.335 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

Instrument :

MSVOA_Y

ClientSampleId :

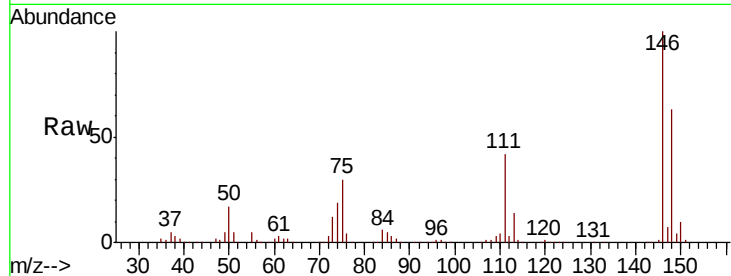
Tot Ion:146 Resp: 181457

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

148 62.7 31.8 95.4

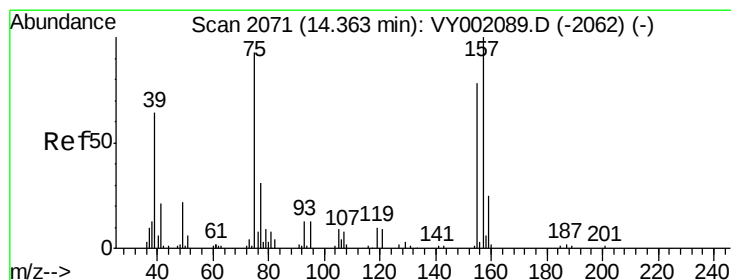
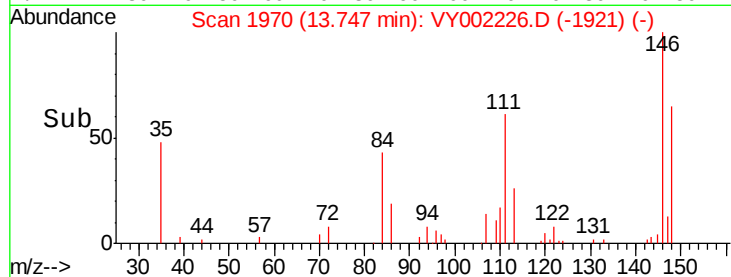
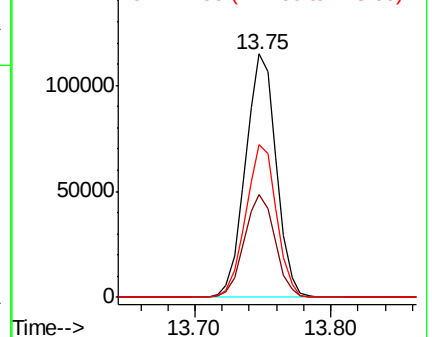


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.302 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VY002226.D

Acq: 06 Apr 2020 10:10

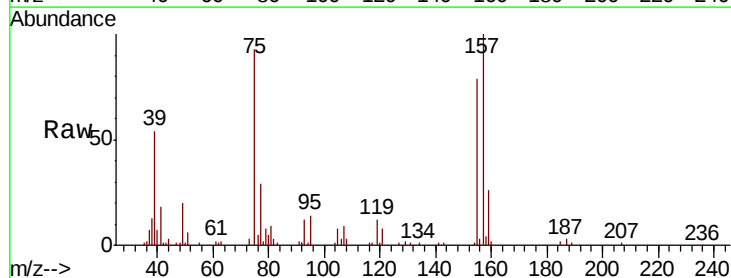
Tgt Ion: 75 Resp: 15576

Ion Ratio Lower Upper

75 100

155 86.2 41.6 124.9

157 110.4 53.4 160.3

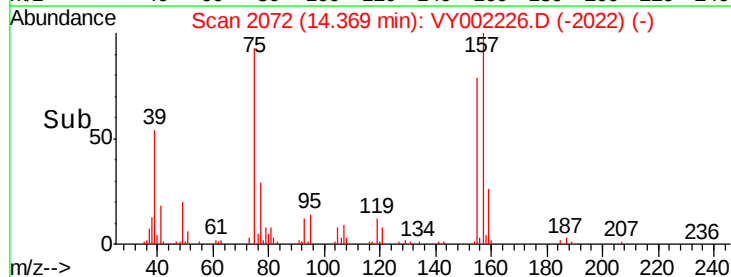
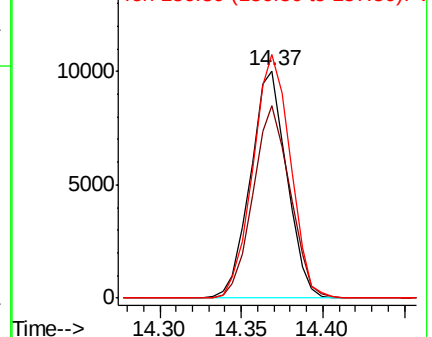


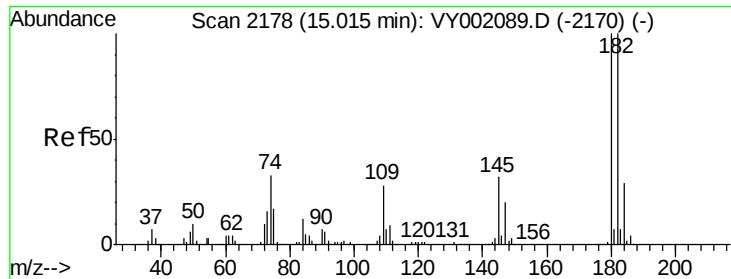
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

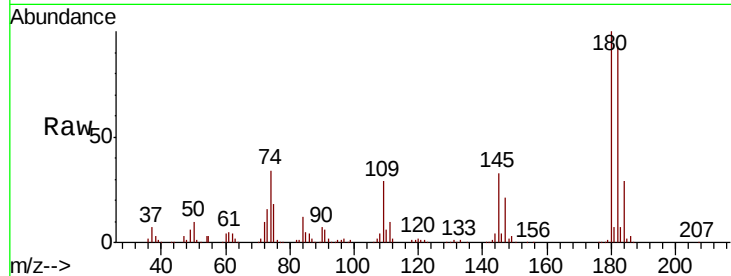




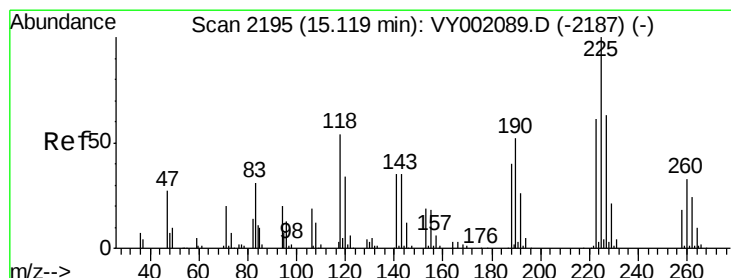
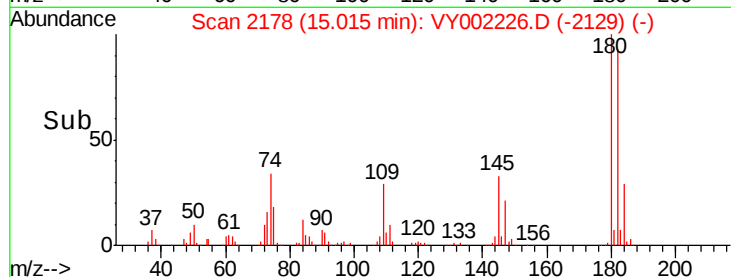
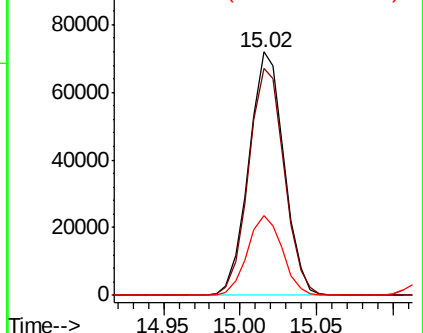
#93
 1,2,4-Trichlorobenzene
 Concen: 50.375 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 114771
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.1 144.3
 145 32.5 15.9 47.6

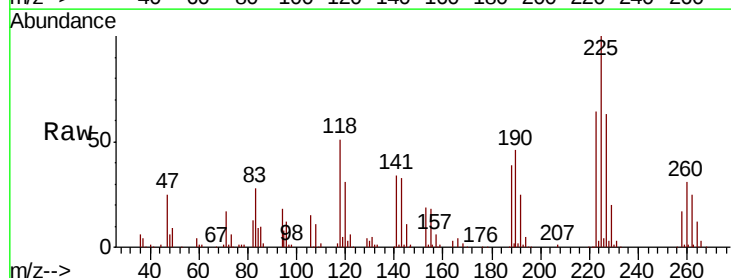


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

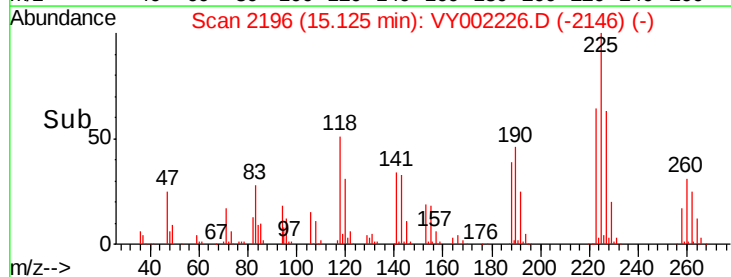
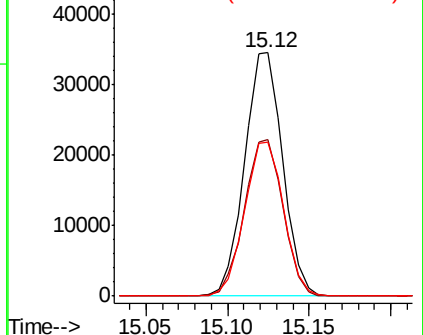


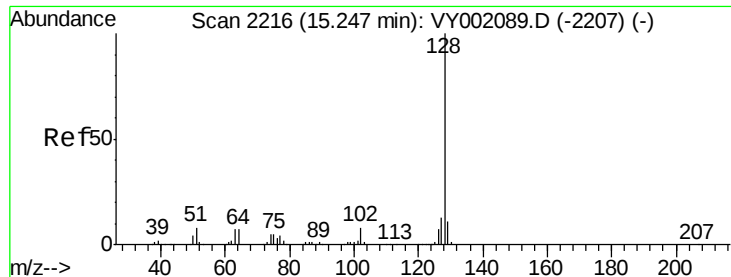
#94
 Hexachlorobutadiene
 Concen: 49.888 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002226.D
 Acq: 06 Apr 2020 10:10

Tgt Ion:225 Resp: 56105
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.1 93.3
 227 64.5 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

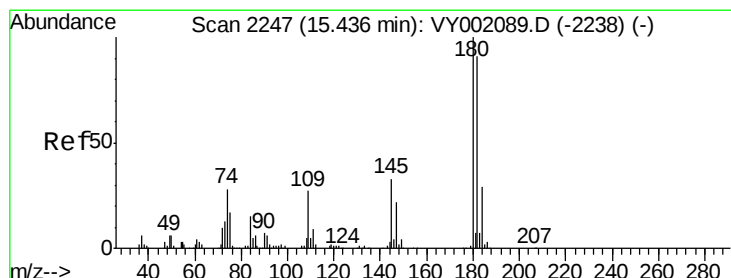
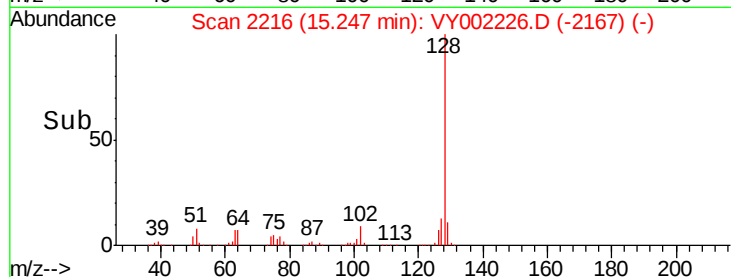
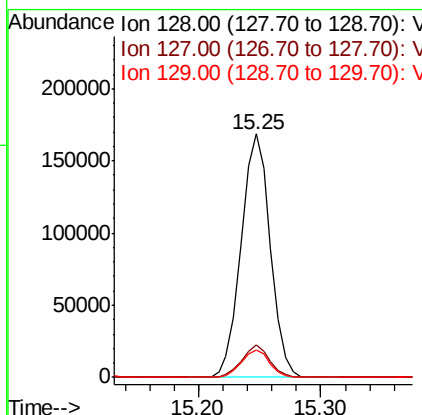
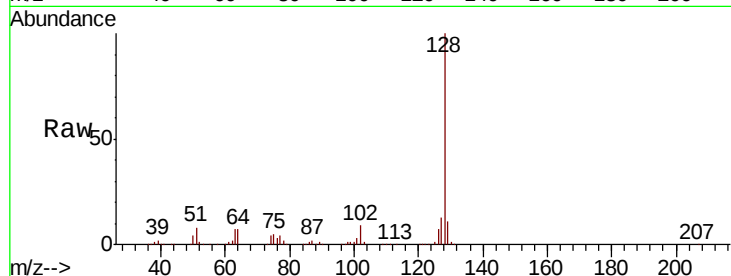




#95
Naphthalene
Concen: 51.349 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.8	14.8
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.353 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002226.D
Acq: 06 Apr 2020 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.8	140.3
145	35.1	16.7	50.1

