

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002152.D
 Acq On : 01 Apr 2020 10:46
 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 02 06:19:07 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	158434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	84759	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.74	113	79084	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.19	98	331007	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.49	95	115205	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	46701	45.138	ug/l	95
3) Chloromethane	2.13	50	77782	42.010	ug/l	98
4) Vinyl Chloride	2.27	62	83274	44.223	ug/l	98
5) Bromomethane	2.67	94	59467	48.391	ug/l	98
6) Chloroethane	2.81	64	57209	47.314	ug/l	97
7) Trichlorofluoromethane	3.15	101	121616	47.129	ug/l	98
8) Diethyl Ether	3.55	74	50169	45.902	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	80661	47.643	ug/l	99
10) Methyl Iodide	4.12	142	95060	47.220	ug/l	100
11) Tert butyl alcohol	4.98	59	47685	231.035	ug/l	96
12) 1,1-Dichloroethene	3.90	96	81180	47.221	ug/l	97
13) Acrolein	3.76	56	74538	288.946	ug/l	98
14) Allyl chloride	4.51	41	149954	47.647	ug/l	99
15) Acrylonitrile	5.20	53	136201	237.756	ug/l	99
16) Acetone	3.97	43	134873	274.095	ug/l	97
17) Carbon Disulfide	4.22	76	268387	47.042	ug/l	99
18) Methyl Acetate	4.50	43	58159	45.516	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	225280	46.974	ug/l	99
20) Methylene Chloride	4.75	84	95700	46.630	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	94413	48.234	ug/l	99
22) Diisopropyl ether	6.14	45	312148	48.465	ug/l	97
23) Vinyl Acetate	6.09	43	1014995	240.329	ug/l	98
24) 1,1-Dichloroethane	6.05	63	165767	48.407	ug/l	99
25) 2-Butanone	7.01	43	190185	251.711	ug/l	99
26) 2,2-Dichloropropane	7.01	77	139155	49.340	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	103675	48.145	ug/l	99
28) Bromochloromethane	7.36	49	74526	47.670	ug/l	99
29) Tetrahydrofuran	7.38	42	114372	230.877	ug/l	100
30) Chloroform	7.53	83	157153	48.416	ug/l	99
31) Cyclohexane	7.80	56	166566	45.648	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	131953	48.690	ug/l	100
36) 1,1-Dichloropropene	7.94	75	131036	48.603	ug/l	99
37) Ethyl Acetate	7.10	43	75548	46.371	ug/l	99
38) Carbon Tetrachloride	7.93	117	115670	50.569	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	176351	49.868	ug/l	98
40) Benzene	8.18	78	391852	49.068	ug/l	98
41) Methacrylonitrile	7.37	41	101804	123.533	ug/l #	100
42) 1,2-Dichloroethane	8.26	62	103152	48.652	ug/l	99
43) Isopropyl Acetate	8.29	43	144272	47.711	ug/l	99
44) Trichloroethene	8.96	130	95809	49.770	ug/l	99
45) 1,2-Dichloropropane	9.23	63	100411	49.381	ug/l	99
46) Dibromomethane	9.32	93	52047	49.840	ug/l	99
47) Bromodichloromethane	9.51	83	122365	50.335	ug/l	98
48) Methyl methacrylate	9.31	41	63428	46.807	ug/l	99
49) 1,4-Dioxane	9.31	88	12764	890.723	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	381054	244.726	ug/l	99
52) Toluene	10.25	92	240384	49.767	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	136410	50.555	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	160107	50.398	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	76934	49.778	ug/l	99
56) Ethyl methacrylate	10.52	69	110357	48.886	ug/l	98
57) 1,3-Dichloropropane	10.80	76	134230	49.156	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	302016	260.369	ug/l	99
59) 2-Hexanone	10.85	43	275973	251.611	ug/l	98
60) Dibromochloromethane	11.00	129	82812	51.204	ug/l	100
61) 1,2-Dibromoethane	11.10	107	71448	49.389	ug/l	98
64) Tetrachloroethene	10.73	164	78606	49.485	ug/l	97
65) Chlorobenzene	11.53	112	247788	49.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	84657	50.491	ug/l	99
67) Ethyl Benzene	11.60	91	460711	49.496	ug/l	100
68) m/p-Xylenes	11.72	106	342116	99.408	ug/l	100
69) o-Xylene	12.04	106	160425	49.140	ug/l	99
70) Styrene	12.06	104	281836	49.820	ug/l	100
71) Bromoform	12.22	173	46774	50.934	ug/l #	99
73) Isopropylbenzene	12.34	105	437378	50.086	ug/l	100
74) N-amyl acetate	12.16	43	128679	46.721	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	91819	48.863	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	119887	91.044	ug/l #	100
77) Bromobenzene	12.62	156	93003	49.890	ug/l	99
78) n-propylbenzene	12.69	91	546781	50.456	ug/l	100
79) 2-Chlorotoluene	12.77	91	297316	49.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	363117	50.400	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	33776	49.693	ug/l	99
82) 4-Chlorotoluene	12.87	91	311057	49.610	ug/l	98
83) tert-Butylbenzene	13.09	119	307354	51.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	360462	50.146	ug/l	100
85) sec-Butylbenzene	13.27	105	447454	50.234	ug/l	99
86) p-Isopropyltoluene	13.38	119	388382	50.774	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	180179	49.407	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	181235	49.386	ug/l	99
89) n-Butylbenzene	13.71	91	397805	49.913	ug/l	100
90) Hexachloroethane	13.97	117	74820	51.909	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	163366	48.509	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13743	45.657	ug/l	96

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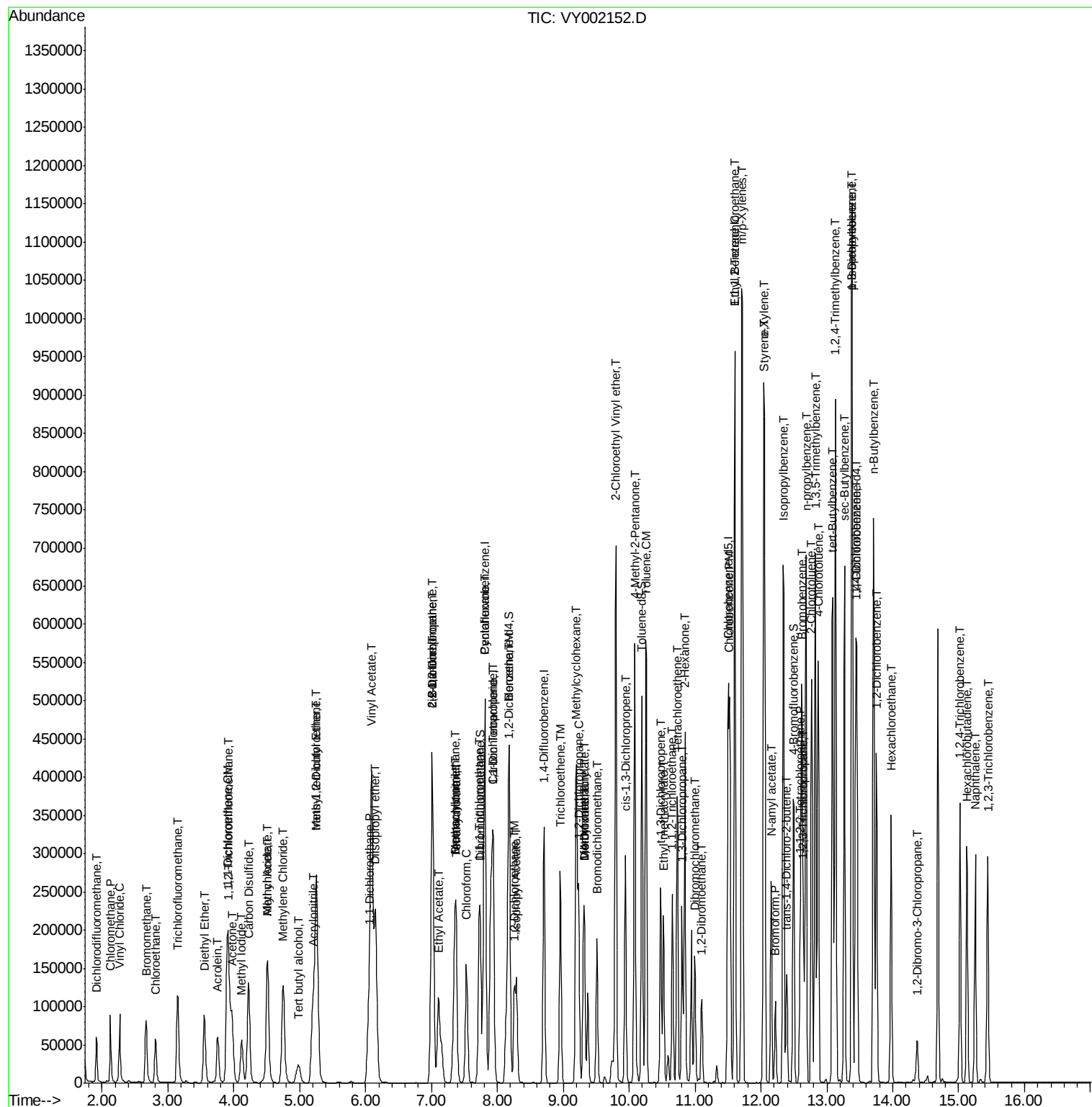
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104707	48.237	ug/l	98
94) Hexachlorobutadiene	15.13	225	51563	48.123	ug/l	100
95) Naphthalene	15.25	128	239063	46.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	92077	46.777	ug/l	100

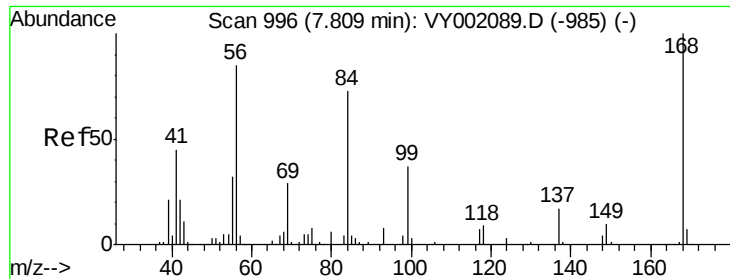
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002152.D

Acq: 01 Apr 2020 10:46

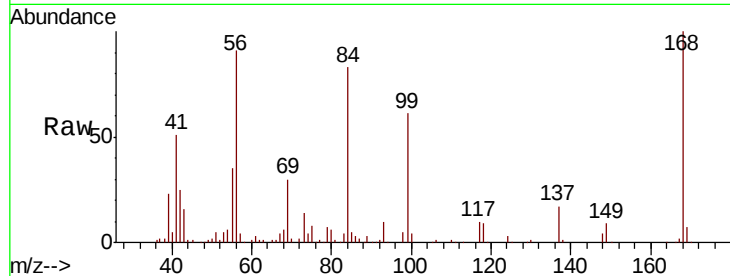
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 158434

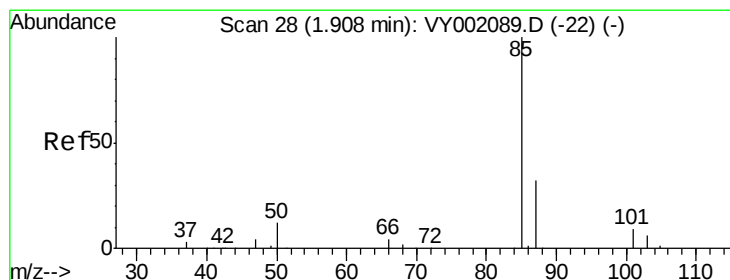
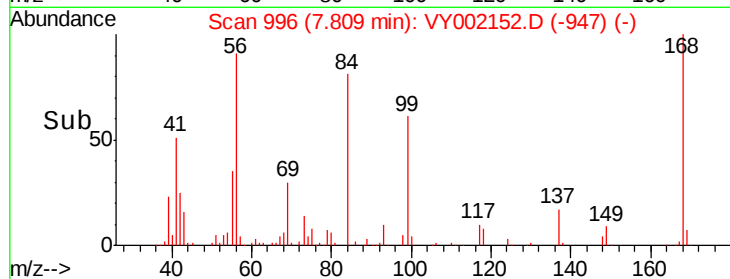
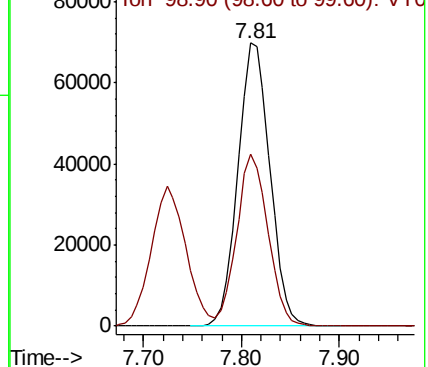
Ion Ratio Lower Upper

168 100

99 60.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002152.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 45.138 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002152.D

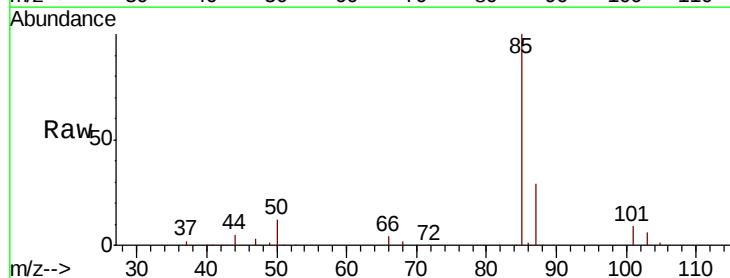
Acq: 01 Apr 2020 10:46

Tgt Ion: 85 Resp: 46701

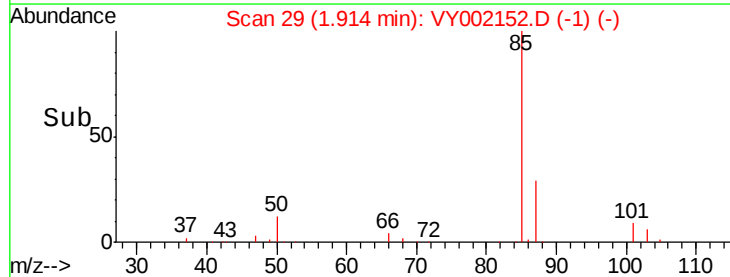
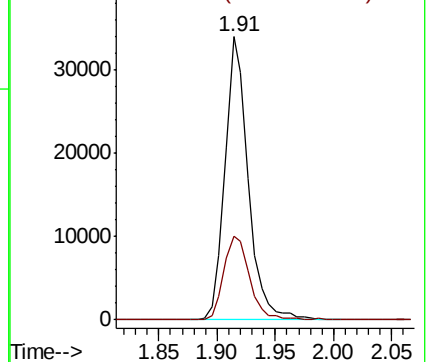
Ion Ratio Lower Upper

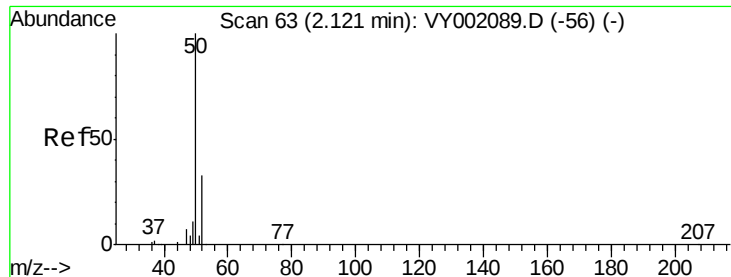
85 100

87 29.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002152.D (-1) (-)





#3

Chloromethane

Concen: 42.010 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

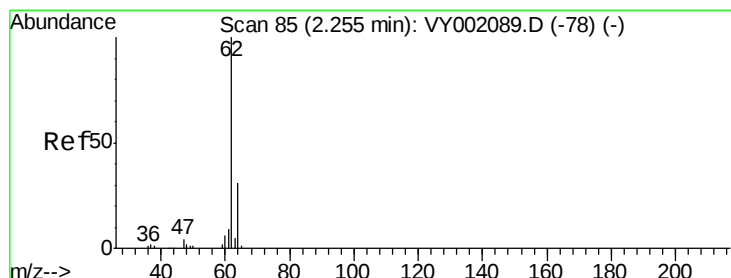
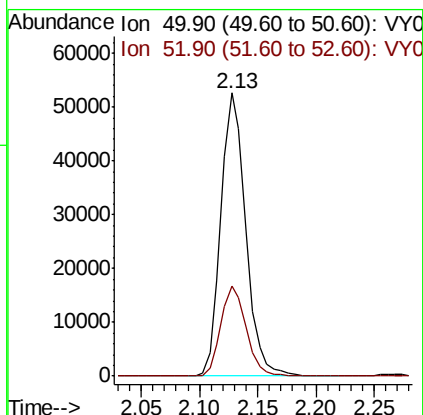
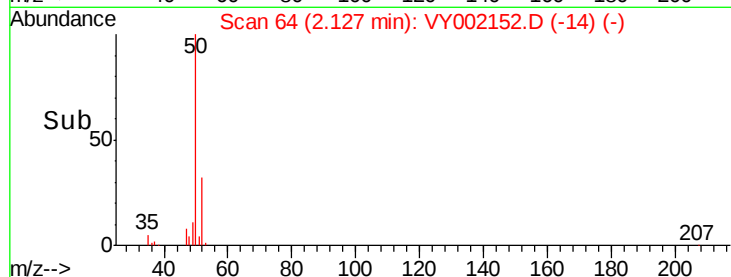
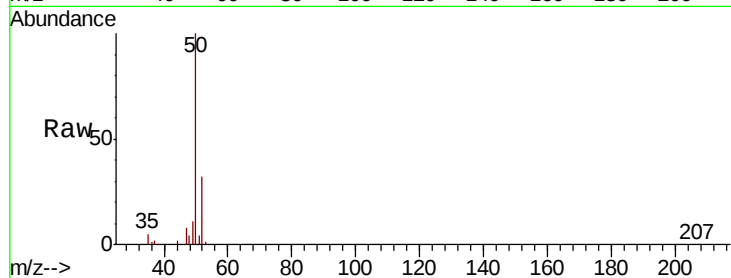
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 77782

Ion Ratio Lower Upper

50 100

52 31.7 26.1 39.1



#4

Vinyl Chloride

Concen: 44.223 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002152.D

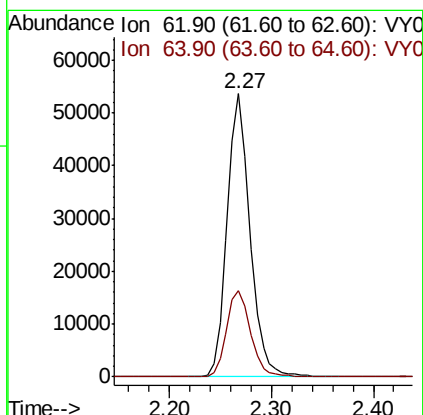
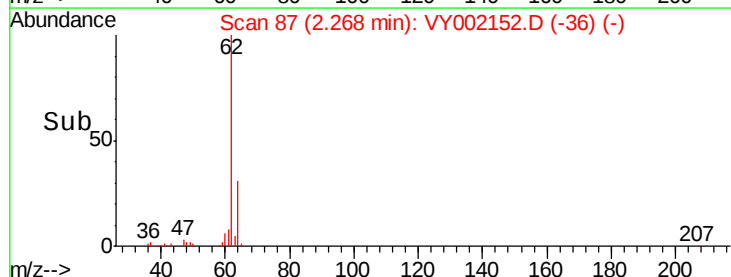
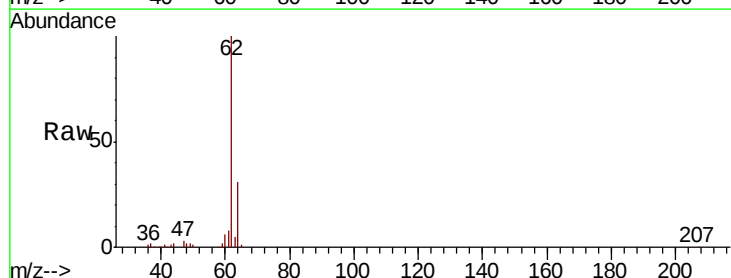
Acq: 01 Apr 2020 10:46

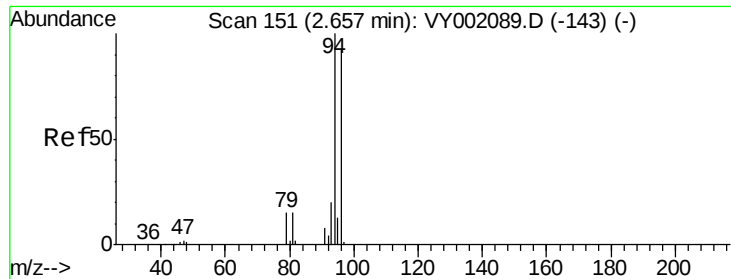
Tgt Ion: 62 Resp: 83274

Ion Ratio Lower Upper

62 100

64 30.6 25.2 37.8





#5

Bromomethane

Concen: 48.391 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

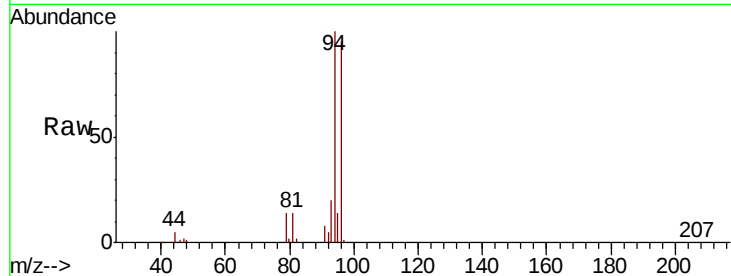
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 59467

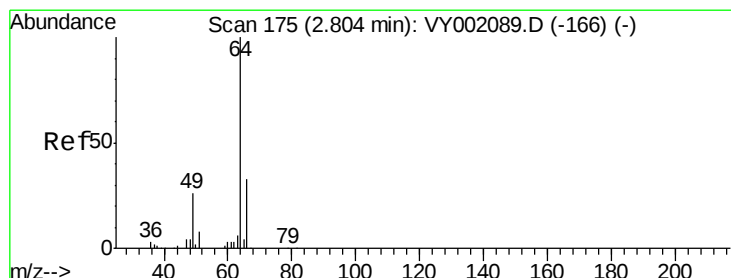
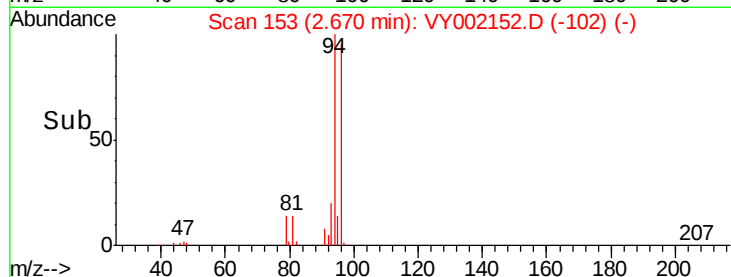
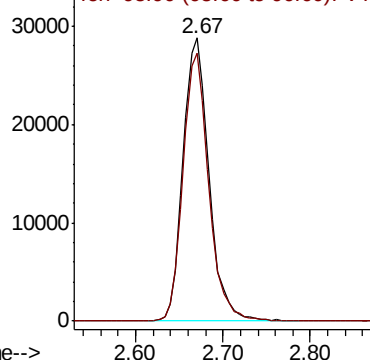
Ion Ratio Lower Upper

94 100

96 94.5 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: 47.314 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002152.D

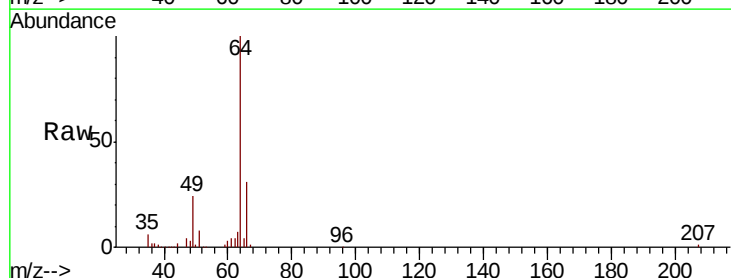
Acq: 01 Apr 2020 10:46

Tgt Ion: 64 Resp: 57209

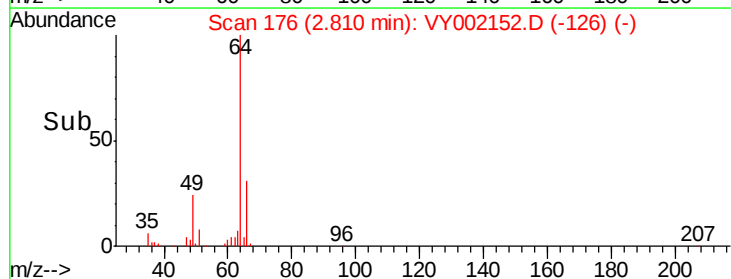
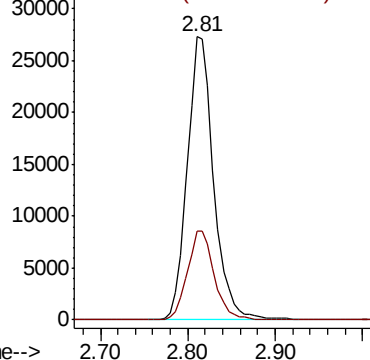
Ion Ratio Lower Upper

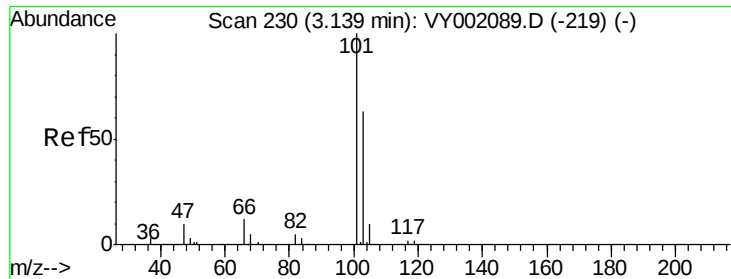
64 100

66 31.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



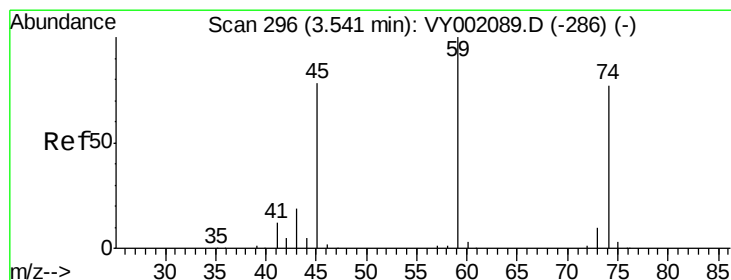
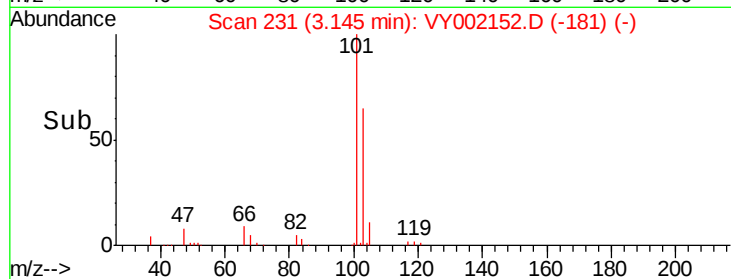
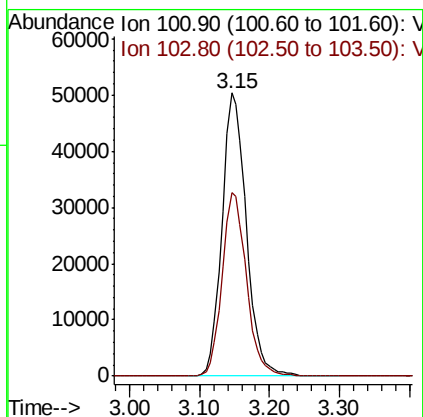
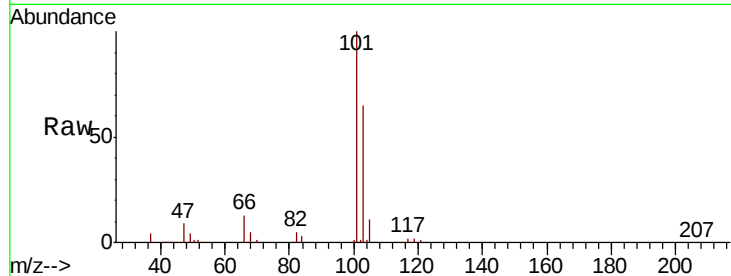


#7

Trichlorofluoromethane
 Concen: 47.129 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Instrument :
 MSVOA_Y
 ClientSampled :

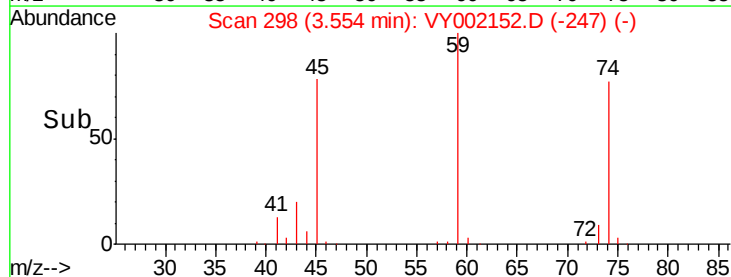
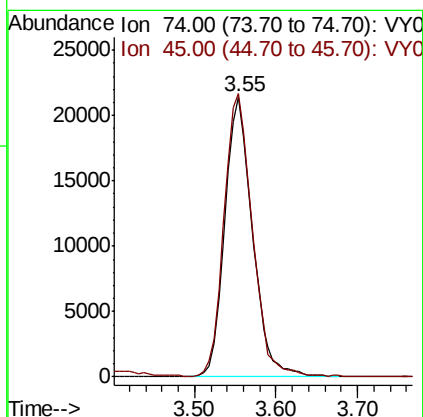
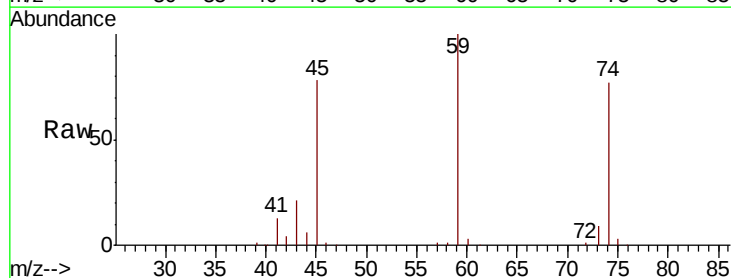
Tot Ion:101 Resp: 121616
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.6 76.0

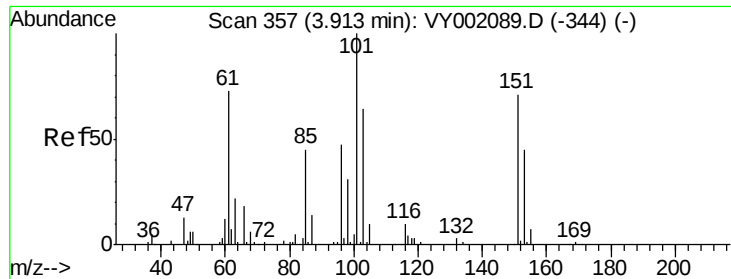


#8

Diethyl Ether
 Concen: 45.902 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 74 Resp: 50169
 Ion Ratio Lower Upper
 74 100
 45 103.4 51.0 153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.643 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

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ClientSampleId :

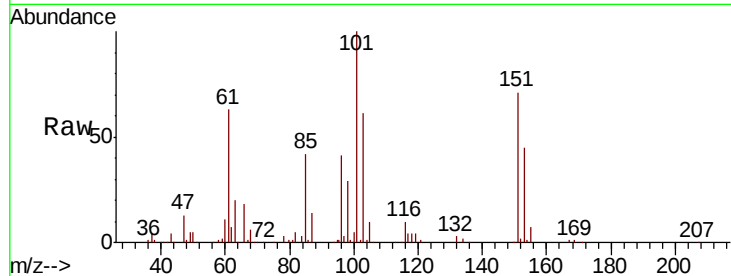
Tot Ion:101 Resp: 80661

Ion Ratio Lower Upper

101 100

85 44.3 35.9 53.9

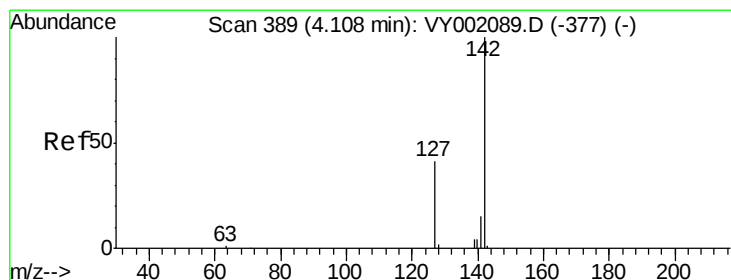
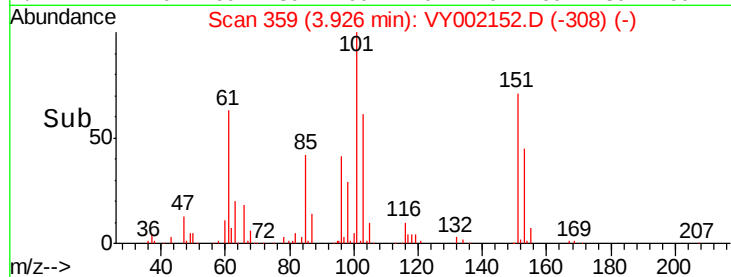
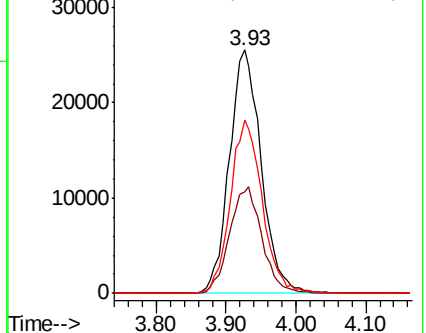
151 71.4 57.5 86.3



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: 47.220 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

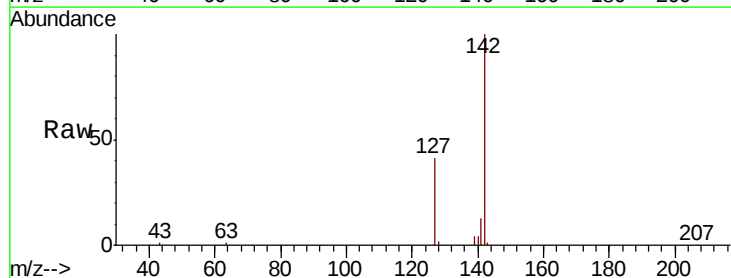
Tgt Ion:142 Resp: 95060

Ion Ratio Lower Upper

142 100

127 40.6 32.6 49.0

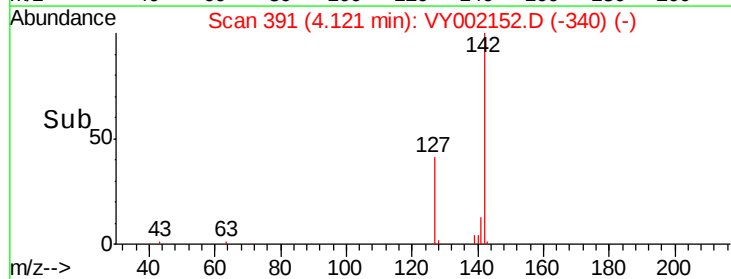
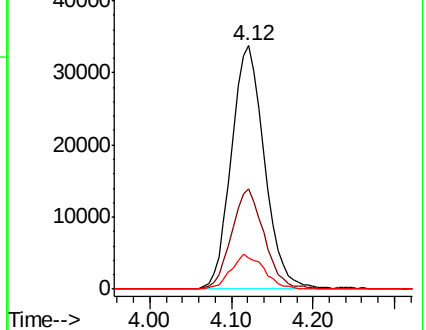
141 14.1 11.4 17.0

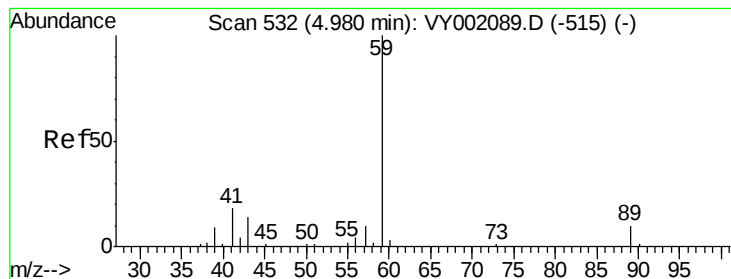


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



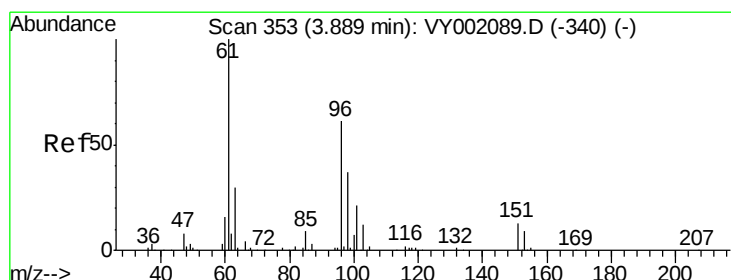
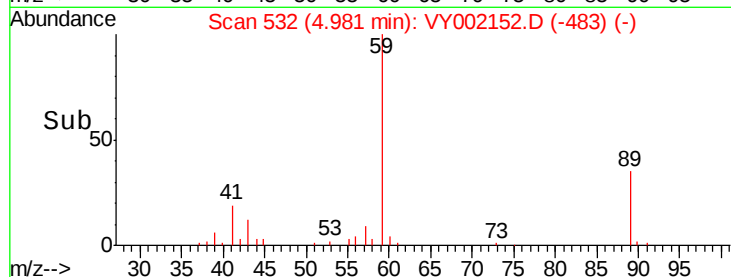
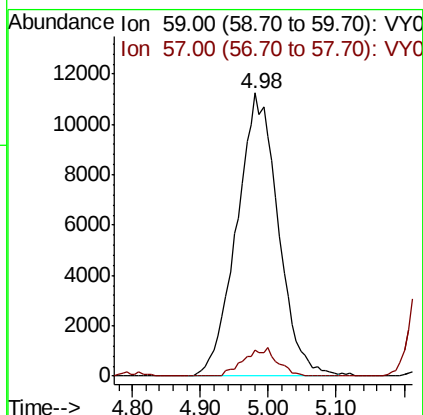
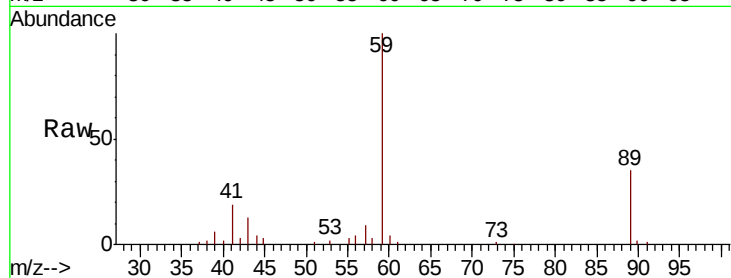


#11

Tert butyl alcohol
 Concen: 231.035 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Instrument :
 MSVOA_Y
 ClientSampleId :

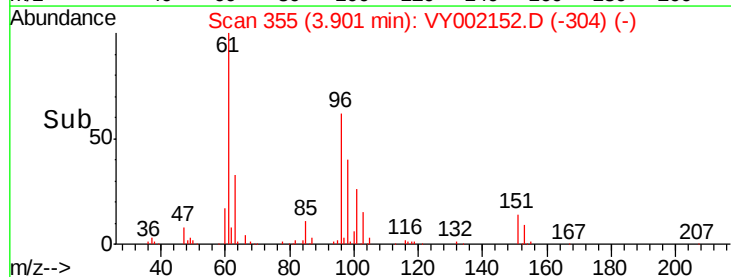
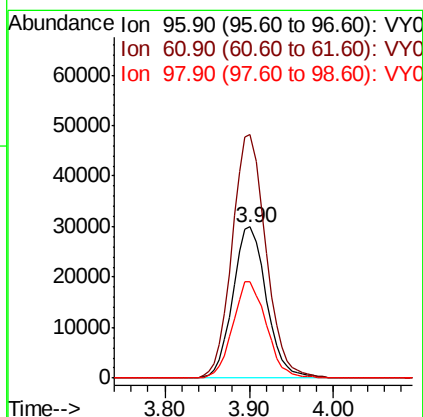
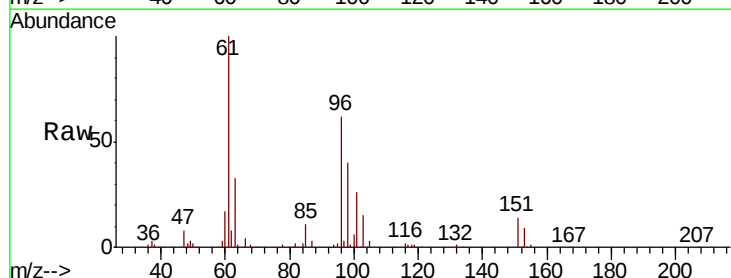
Tot Ion: 59 Resp: 47685
 Ion Ratio Lower Upper
 59 100
 57 8.0 7.7 11.5

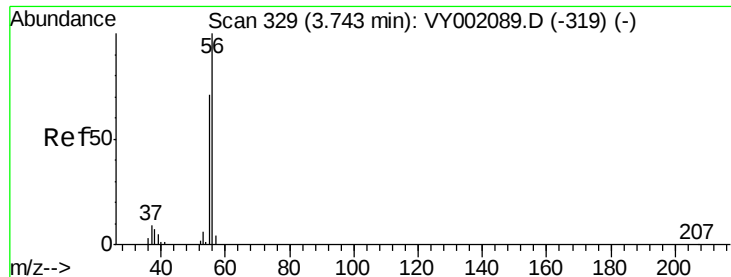


#12

1,1-Dichloroethene
 Concen: 47.221 ug/l
 RT: 3.90 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 96 Resp: 81180
 Ion Ratio Lower Upper
 96 100
 61 160.8 132.0 198.0
 98 63.7 49.4 74.0





#13

Acrolein

Concen: 288.946 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

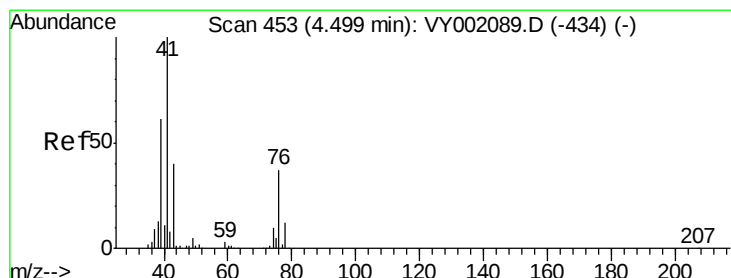
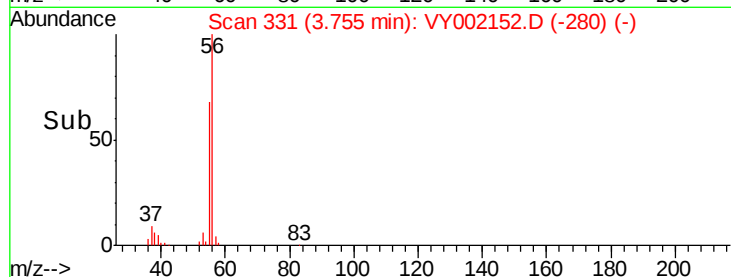
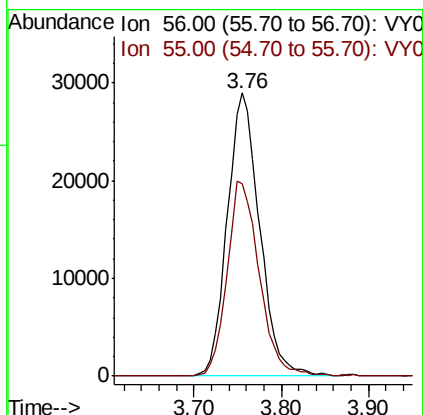
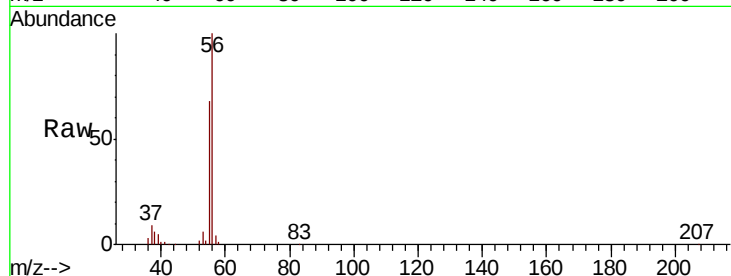
ClientSampleId :

Tot Ion: 56 Resp: 74538

Ion Ratio Lower Upper

56 100

55 68.6 56.5 84.7



#14

Allyl chloride

Concen: 47.647 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

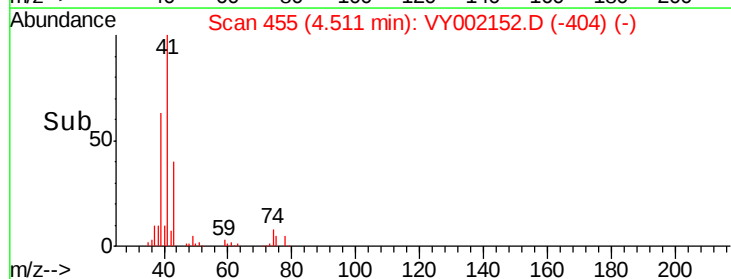
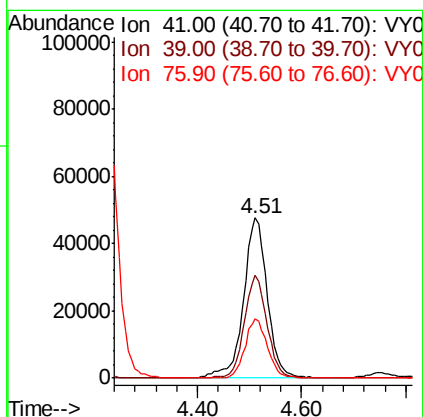
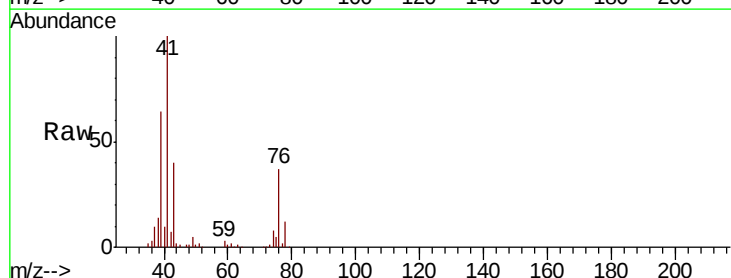
Tgt Ion: 41 Resp: 149954

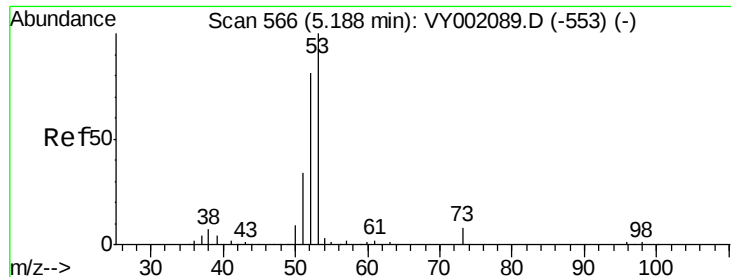
Ion Ratio Lower Upper

41 100

39 61.7 49.0 73.4

76 35.0 27.8 41.8





#15

Acrylonitrile

Concen: 237.756 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampled :

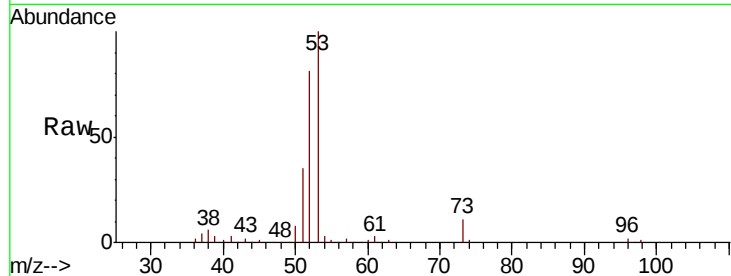
Tot Ion: 53 Resp: 136201

Ion Ratio Lower Upper

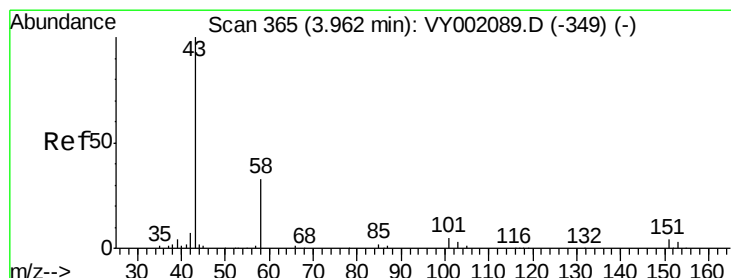
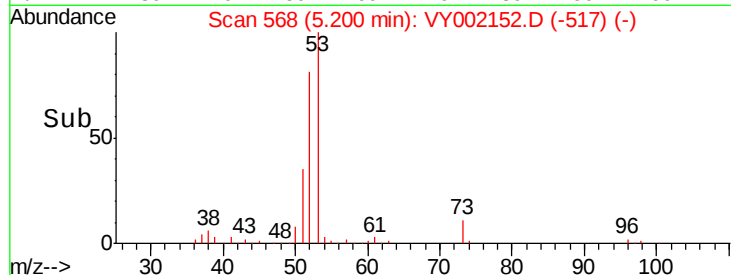
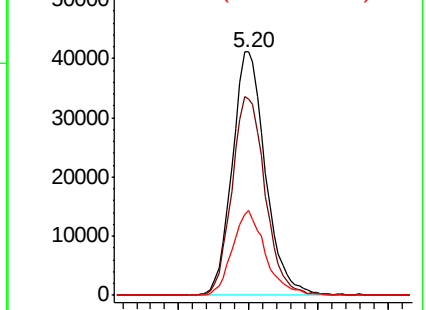
53 100

52 81.7 64.6 97.0

51 34.6 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: 274.095 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002152.D

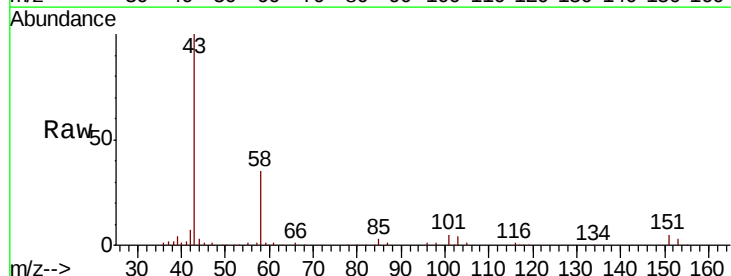
Acq: 01 Apr 2020 10:46

Tgt Ion: 43 Resp: 134873

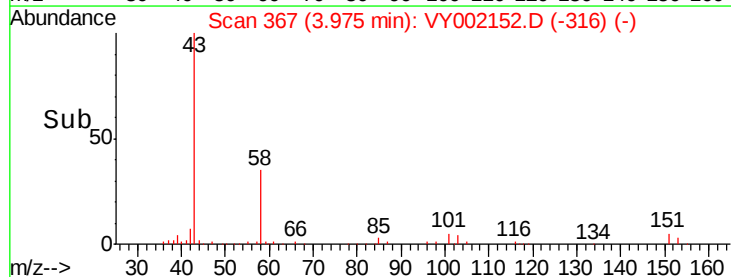
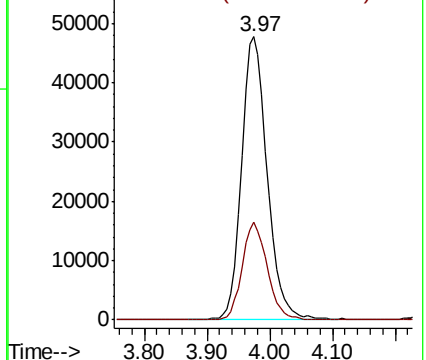
Ion Ratio Lower Upper

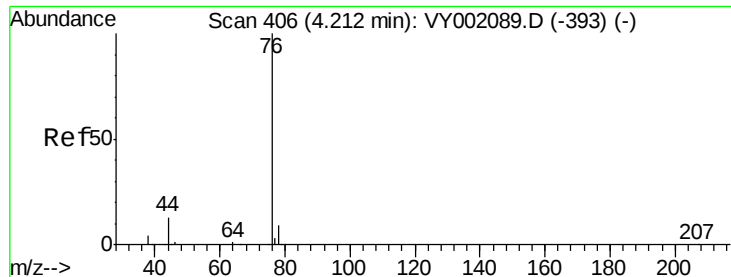
43 100

58 34.5 26.3 39.5



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

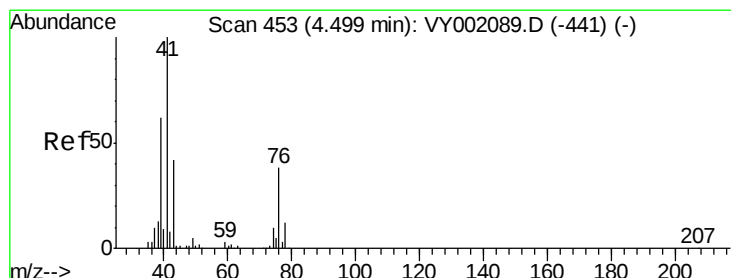
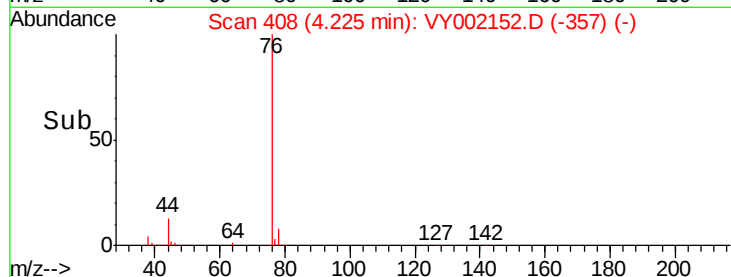
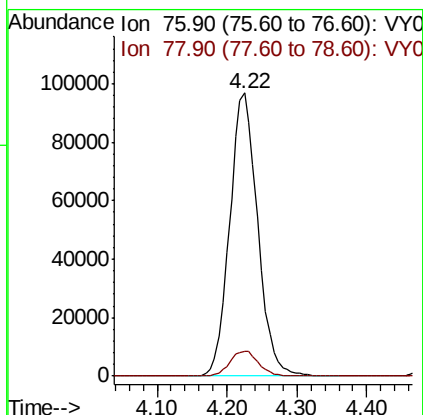
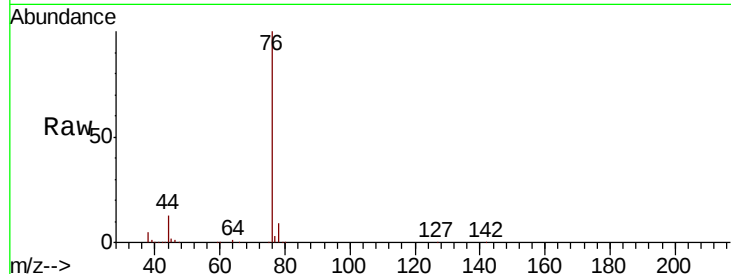




#17
Carbon Disulfide
Concen: 47.042 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

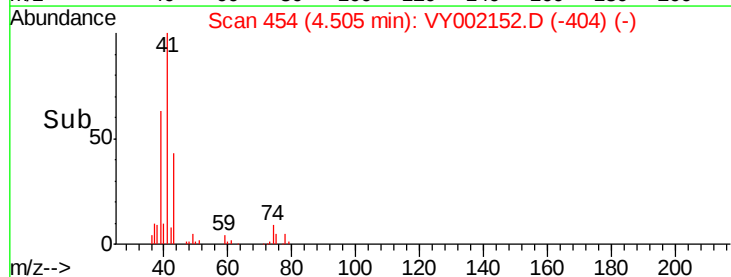
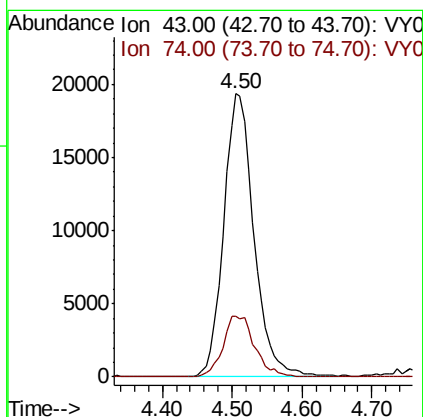
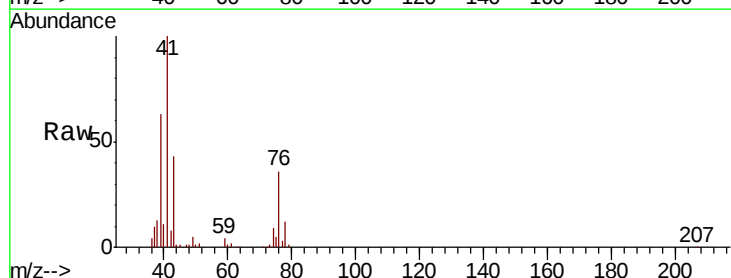
Instrument :
MSVOA_Y
ClientSampleId :

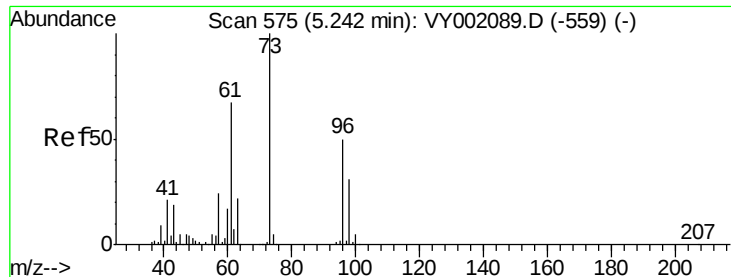
Tot Ion: 76 Resp: 268387
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 45.516 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 43 Resp: 58159
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5

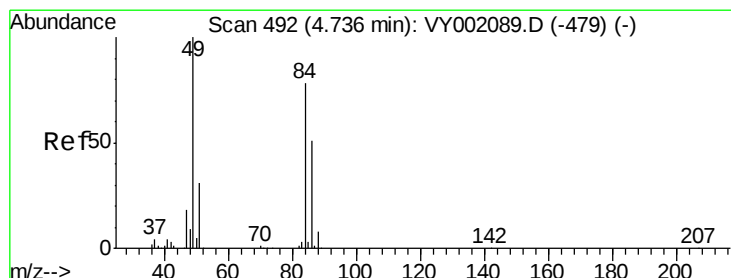
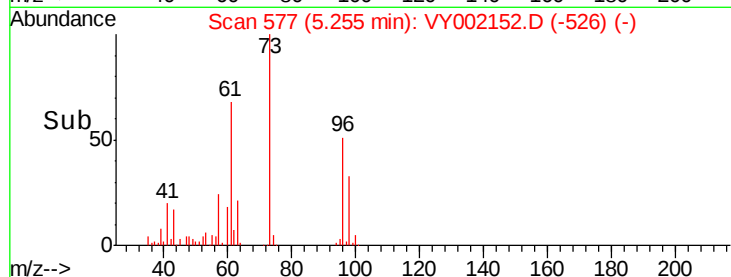
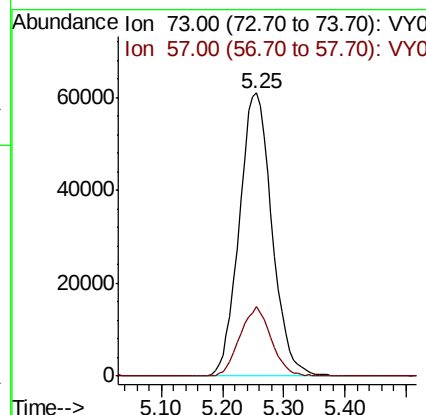
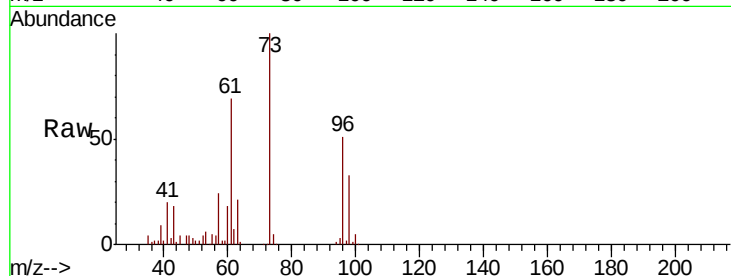




#19
Methvl tert-butvl Ether
Concen: 46.974 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

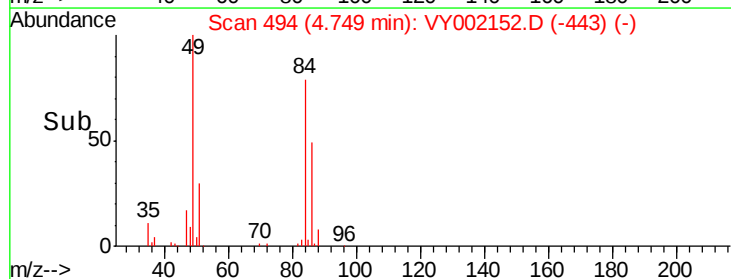
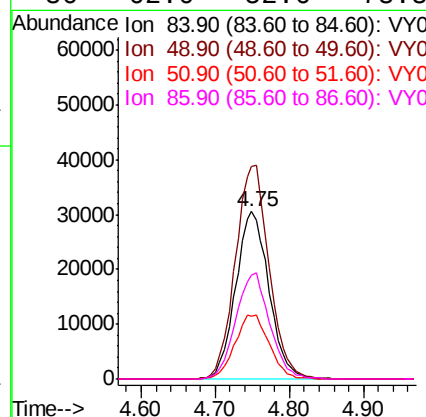
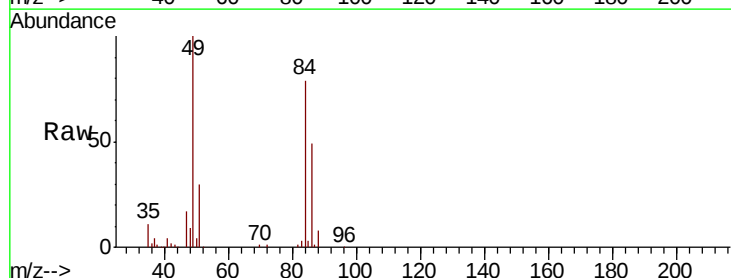
Instrument :
MSVOA_Y
ClientSampleId :

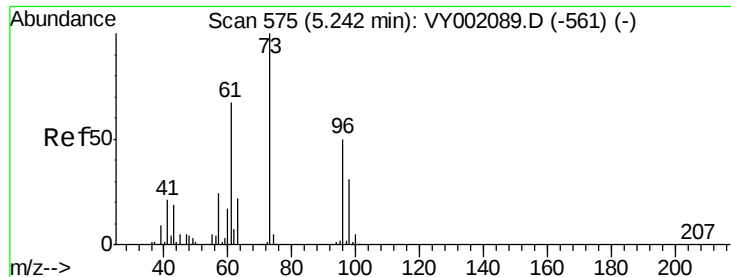
Tot Ion: 73 Resp: 225280
Ion Ratio Lower Upper
73 100
57 24.5 19.0 28.6



#20
Methylene Chloride
Concen: 46.630 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 84 Resp: 95700
Ion Ratio Lower Upper
84 100
49 126.8 102.2 153.4
51 37.7 31.2 46.8
86 62.0 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.234 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

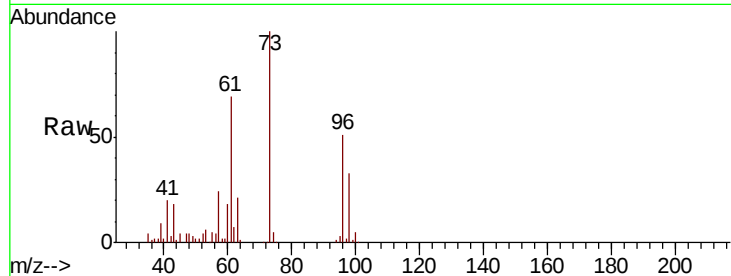
Tot Ion: 96 Resp: 94413

Ion Ratio Lower Upper

96 100

61 135.6 107.7 161.5

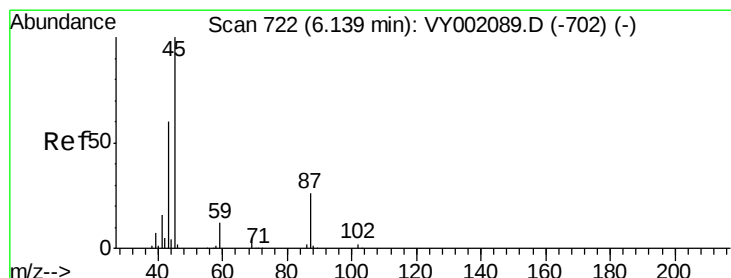
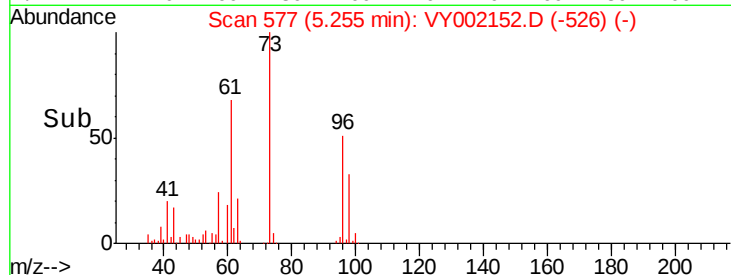
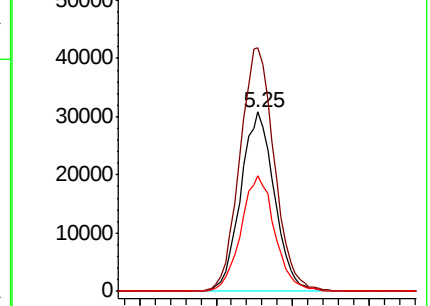
98 64.4 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VY002152.D (-526) (-)

Ion 60.90 (60.60 to 61.60): VY002152.D (-526) (-)

Ion 97.90 (97.60 to 98.60): VY002152.D (-526) (-)



#22

Diisopropyl ether

Concen: 48.465 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Tgt Ion: 45 Resp: 312148

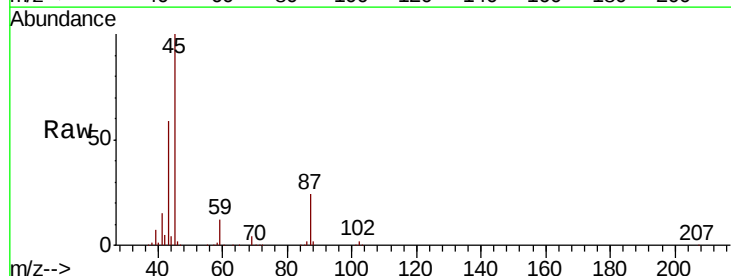
Ion Ratio Lower Upper

45 100

43 58.6 48.1 72.1

87 24.5 21.1 31.7

59 12.5 9.2 13.8

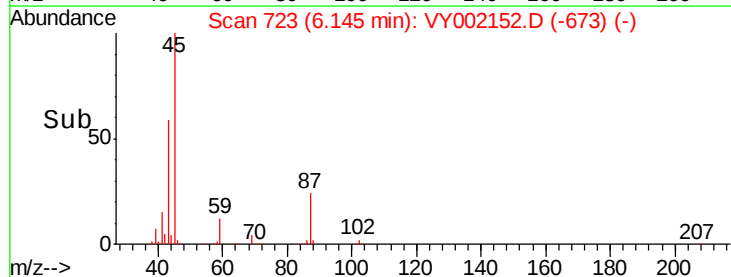
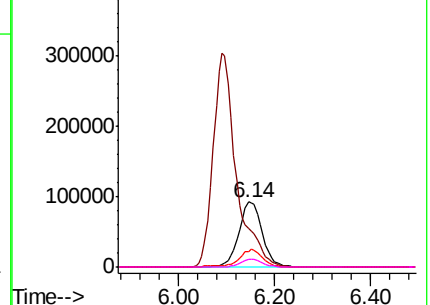


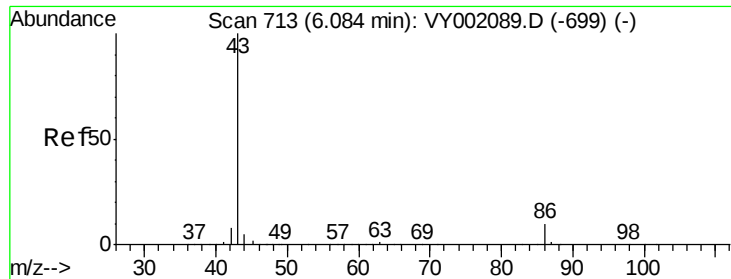
Abundance Ion 45.00 (44.70 to 45.70): VY002152.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VY002152.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VY002152.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VY002152.D (-673) (-)





#23

Vinyl Acetate

Concen: 240.329 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

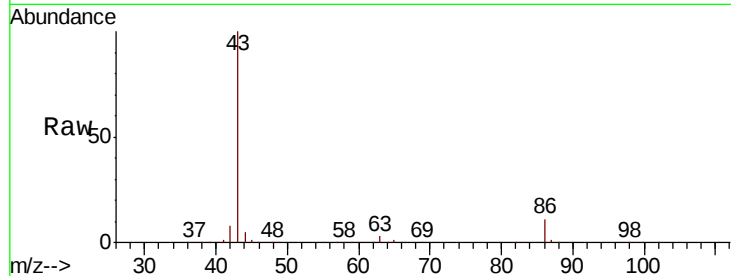
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1014995

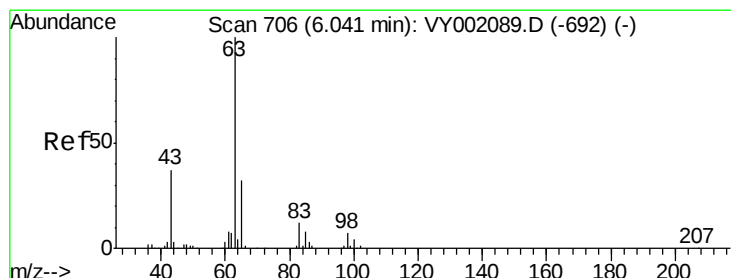
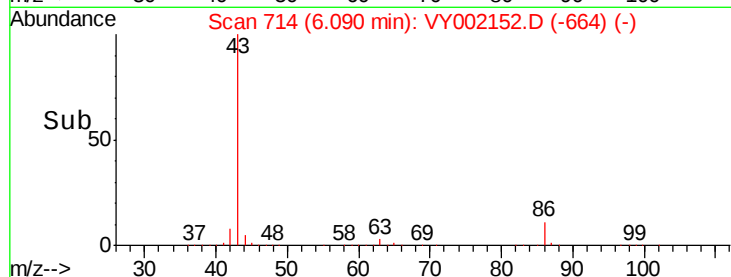
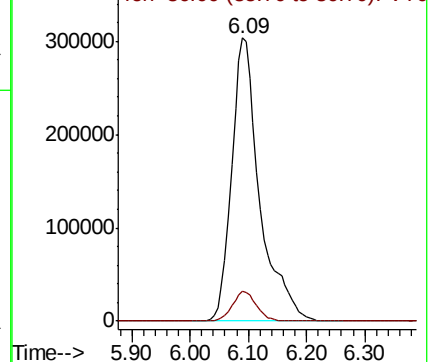
Ion Ratio Lower Upper

43 100

86 10.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.407 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

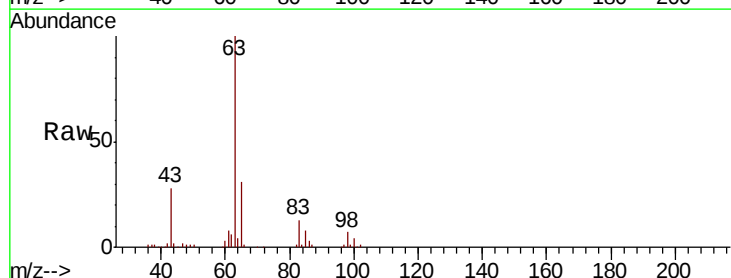
Tgt Ion: 63 Resp: 165767

Ion Ratio Lower Upper

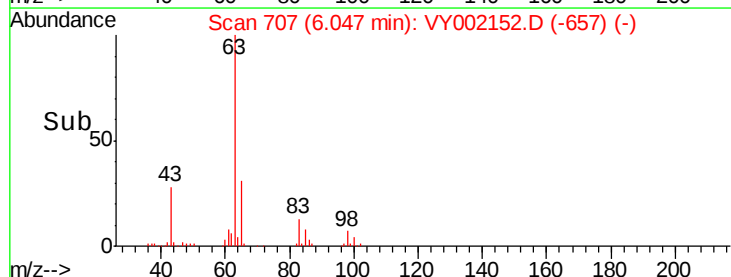
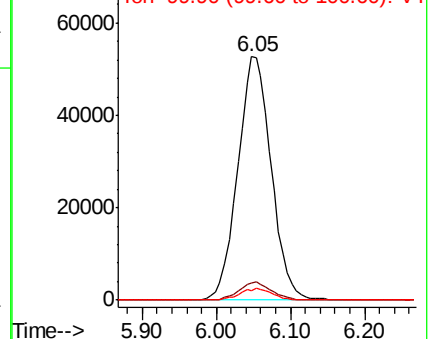
63 100

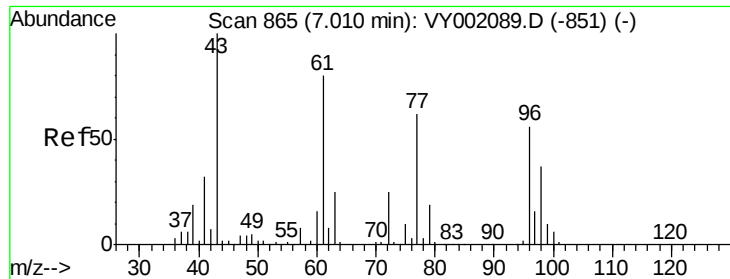
98 7.1 3.3 9.9

100 4.0 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: 251.711 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

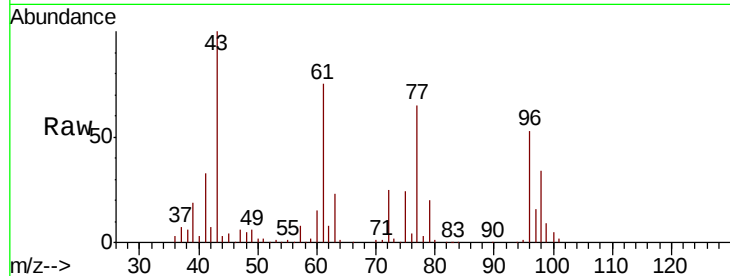
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 190185

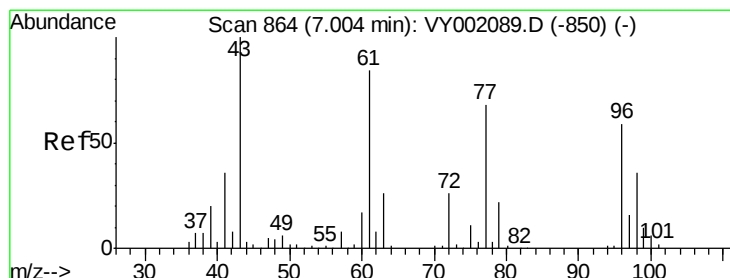
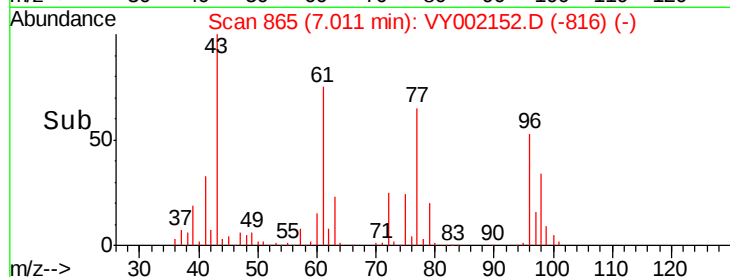
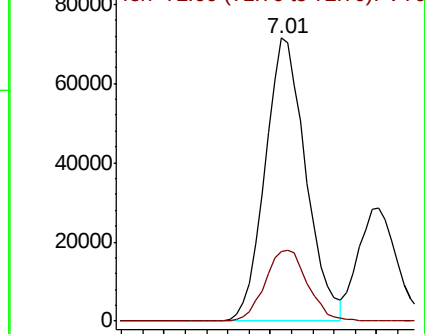
Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 49.340 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002152.D

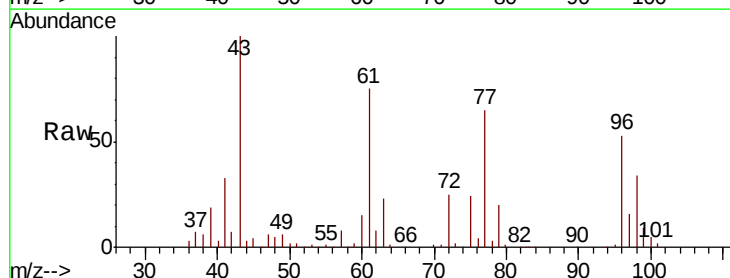
Acq: 01 Apr 2020 10:46

Tgt Ion: 77 Resp: 139155

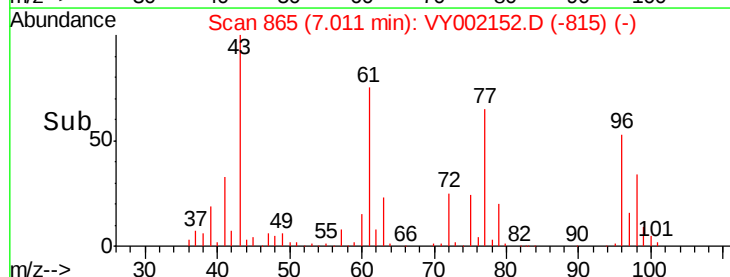
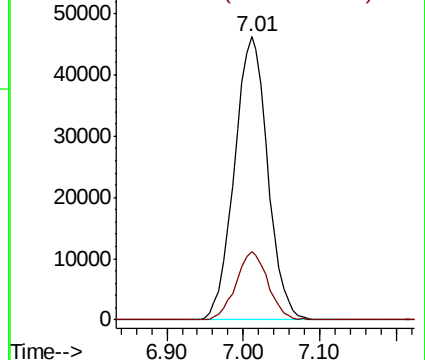
Ion Ratio Lower Upper

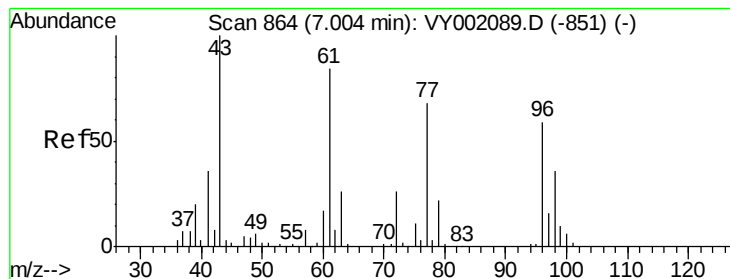
77 100

97 23.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



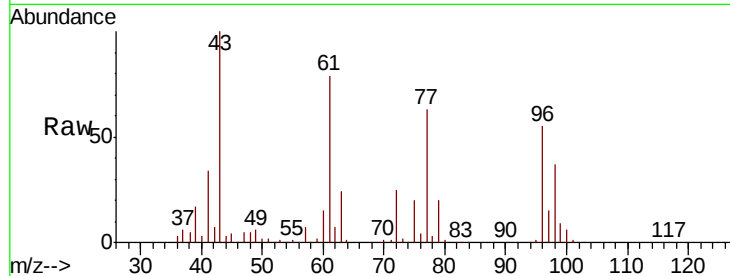


#27

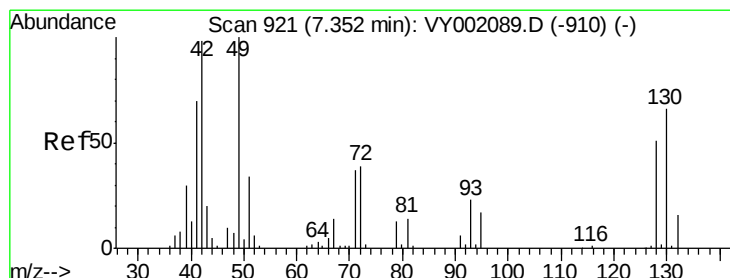
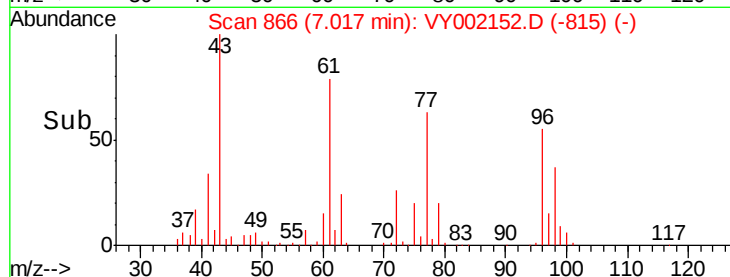
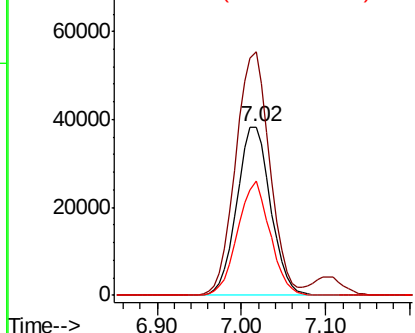
cis-1,2-Dichloroethene
Concen: 48.145 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 103675
Ion Ratio Lower Upper
96 100
61 146.3 0.0 290.6
98 64.9 0.0 128.0



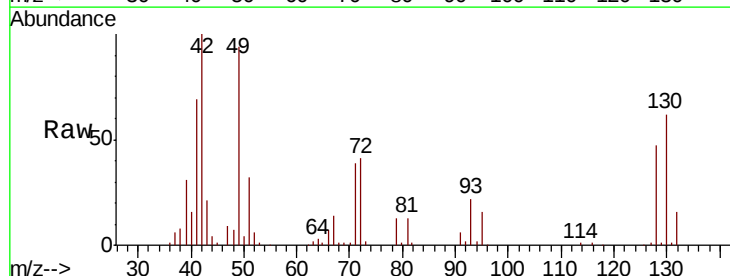
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



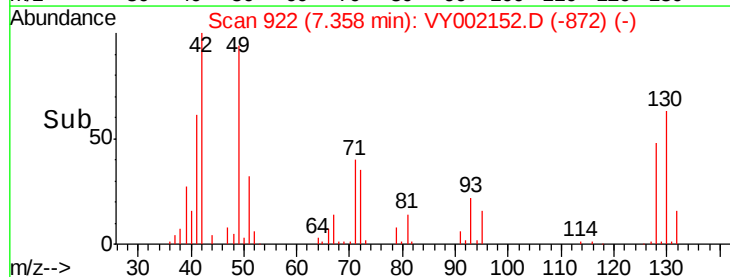
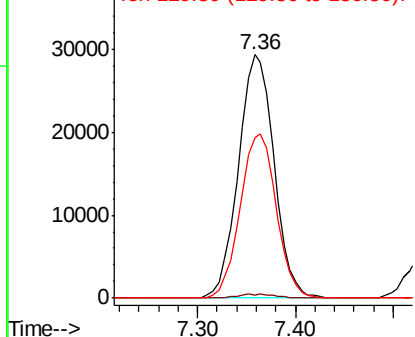
#28

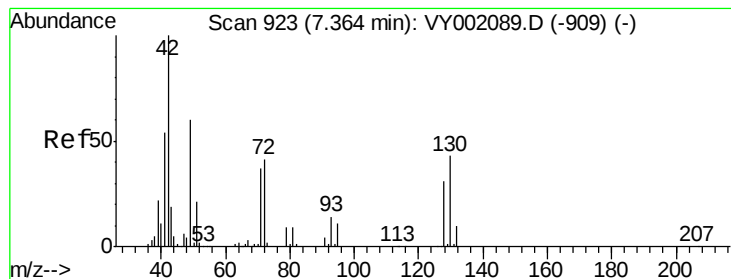
Bromochloromethane
Concen: 47.670 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 49 Resp: 74526
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 68.4 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: 230.877 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampled :

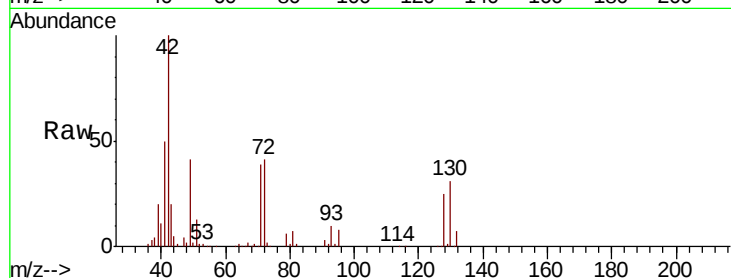
Tot Ion: 42 Resp: 114372

Ion Ratio Lower Upper

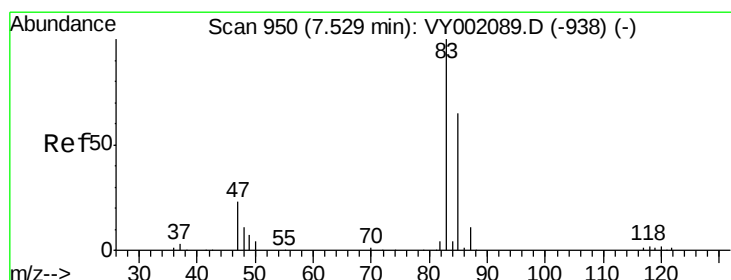
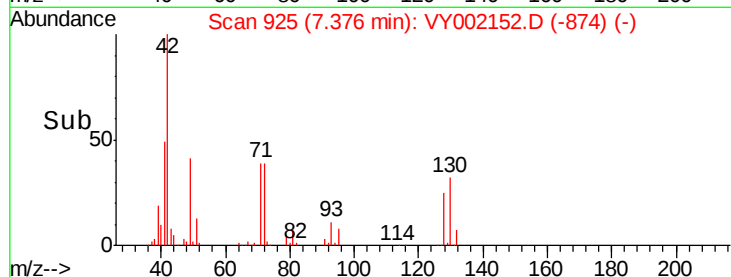
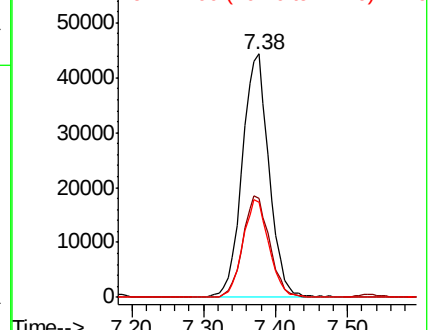
42 100

72 41.4 33.0 49.4

71 39.1 31.2 46.8



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



#30

Chloroform

Concen: 48.416 ug/l

RT: 7.53 min Scan# 950

Delta R.T. 0.00 min

Lab File: VY002152.D

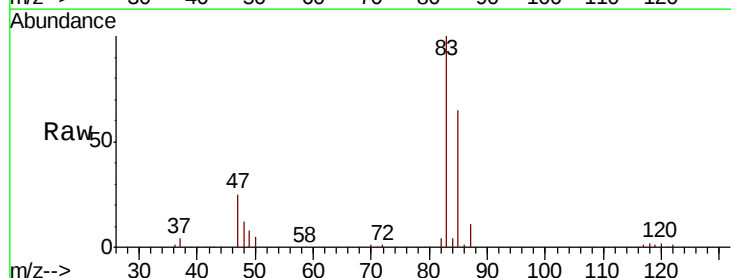
Acq: 01 Apr 2020 10:46

Tgt Ion: 83 Resp: 157153

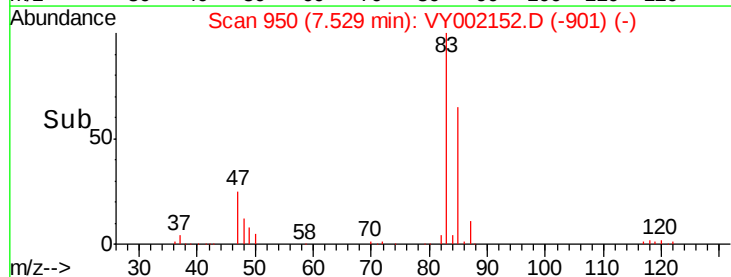
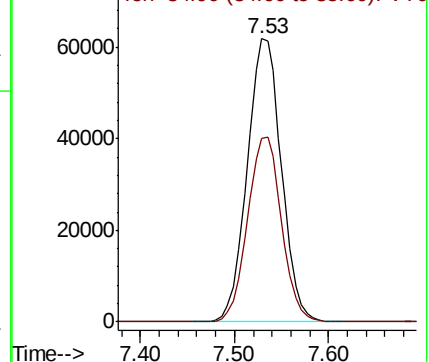
Ion Ratio Lower Upper

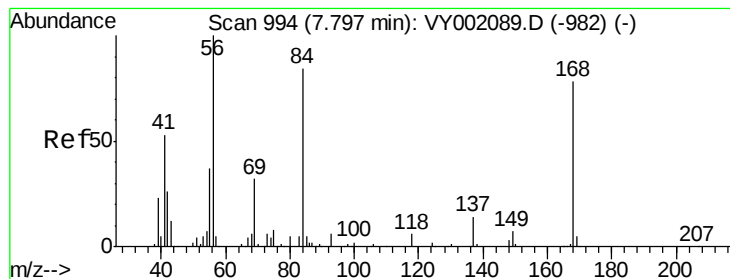
83 100

85 64.7 52.4 78.6



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





#31

Cyclohexane

Concen: 45.648 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampled :

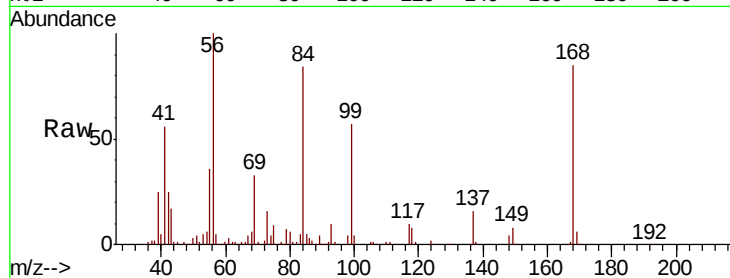
Tot Ion: 56 Resp: 166566

Ion Ratio Lower Upper

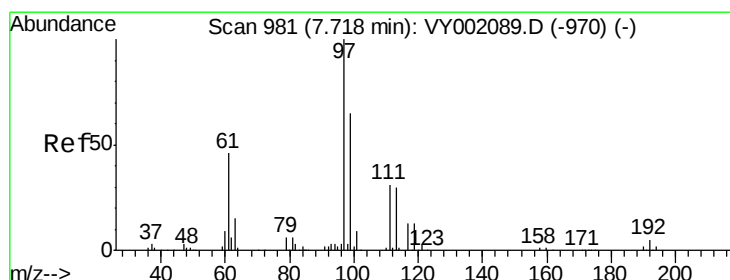
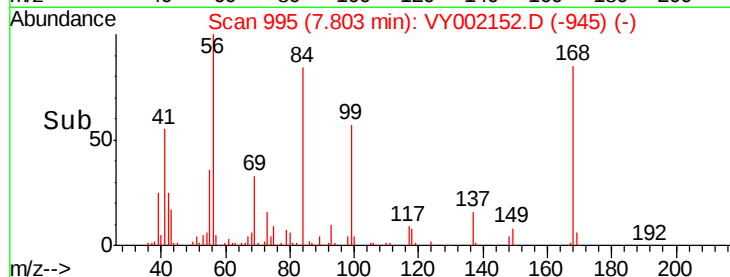
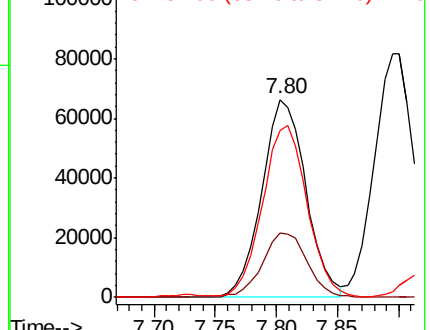
56 100

69 32.5 25.8 38.8

84 83.1 67.1 100.7



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



#32

1,1,1-Trichloroethane

Concen: 48.690 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

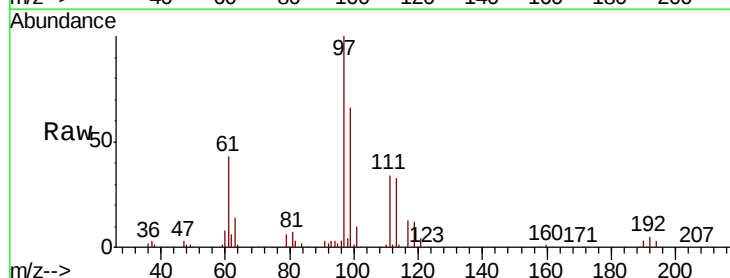
Tgt Ion: 97 Resp: 131953

Ion Ratio Lower Upper

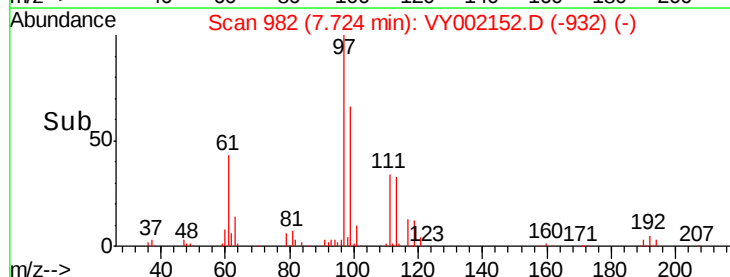
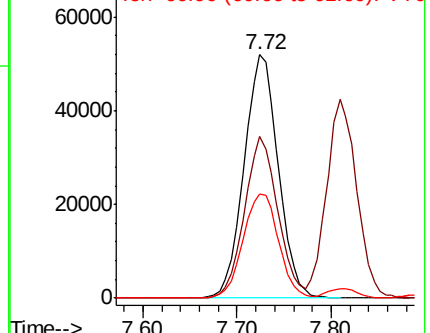
97 100

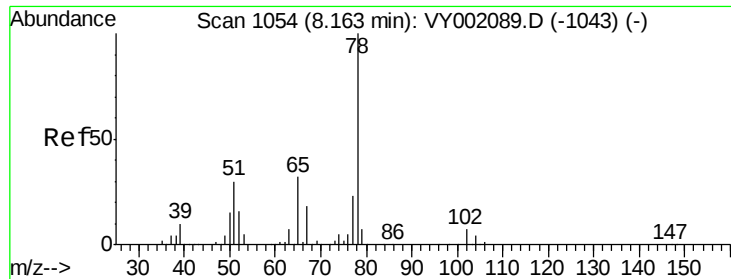
99 64.8 52.0 78.0

61 44.5 35.7 53.5



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

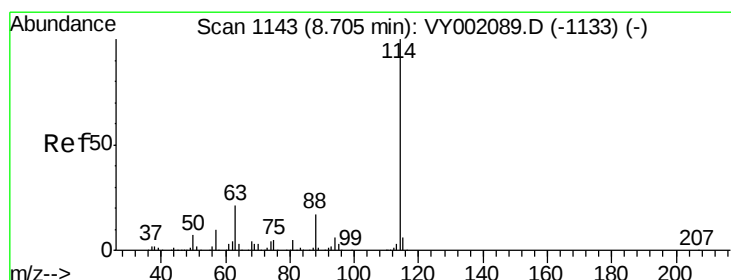
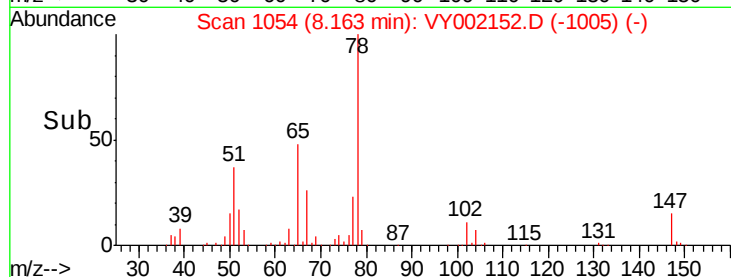
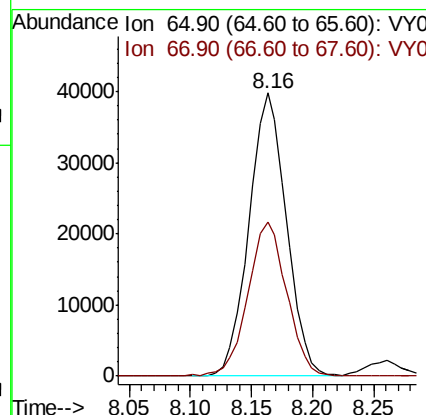
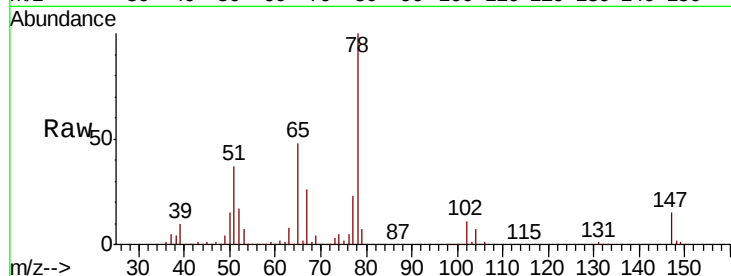




#33
 1,2-Dichloroethane-d4
 Concen: 48.394 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

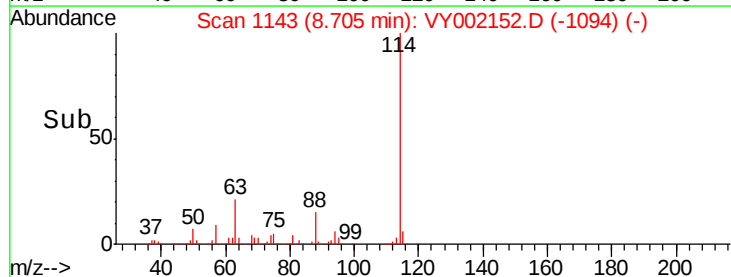
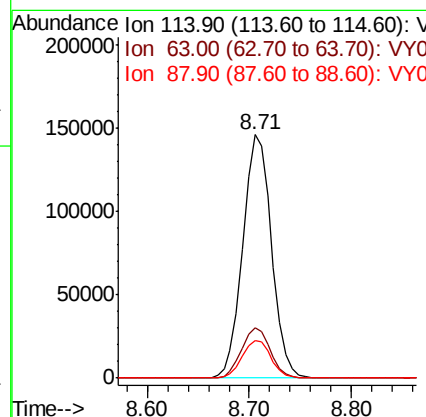
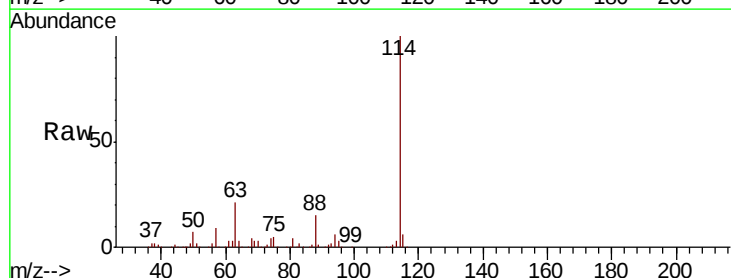
Instrument :
 MSVOA_Y
 ClientSampled :

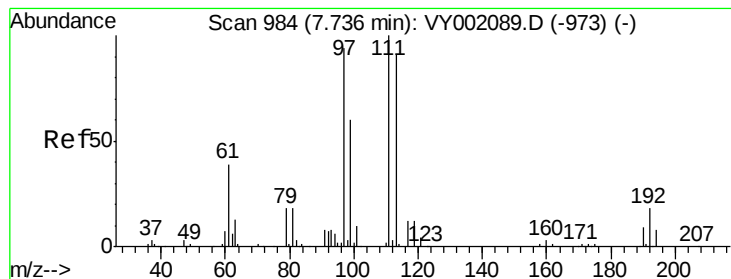
Tot Ion: 65 Resp: 84759
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 114 Resp: 285034
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

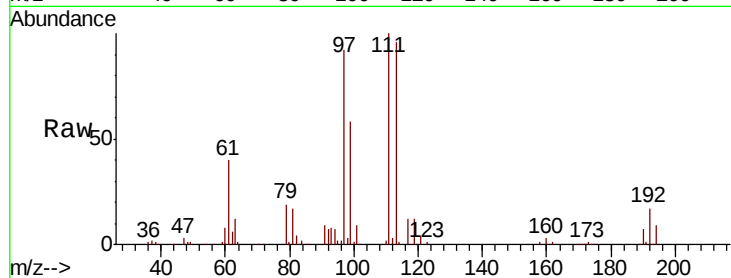
Tot Ion:113 Resp: 79084

Ion Ratio Lower Upper

113 100

111 103.7 84.4 126.6

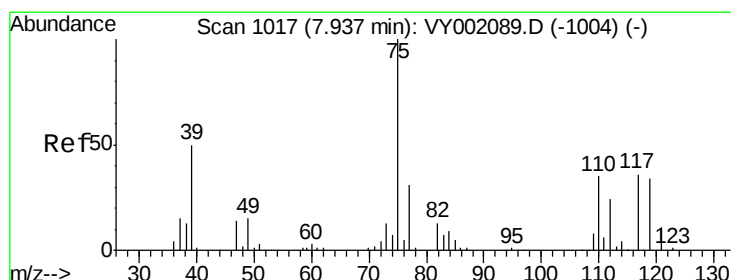
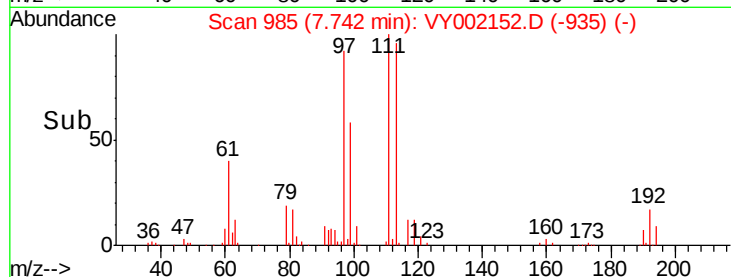
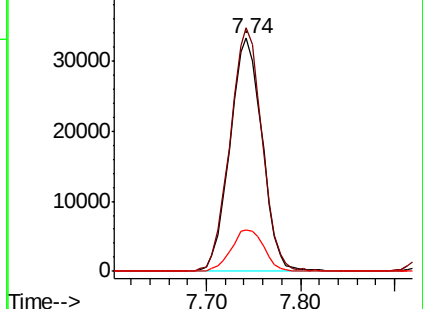
192 18.1 14.6 21.8



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: 48.603 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

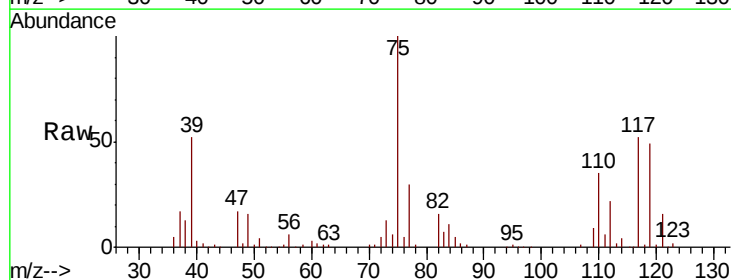
Tgt Ion: 75 Resp: 131036

Ion Ratio Lower Upper

75 100

110 35.4 17.2 51.6

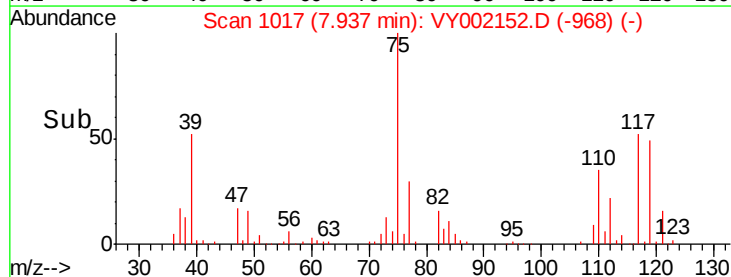
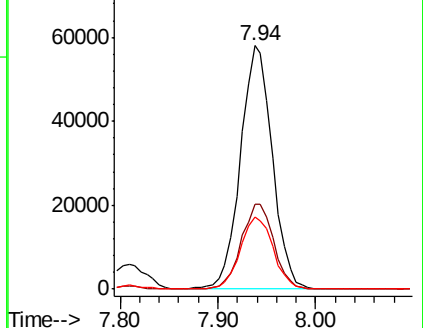
77 30.6 24.7 37.1

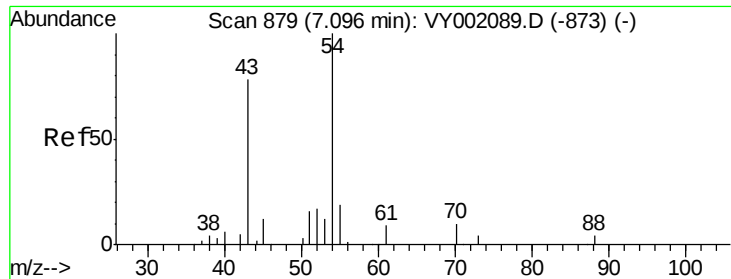


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

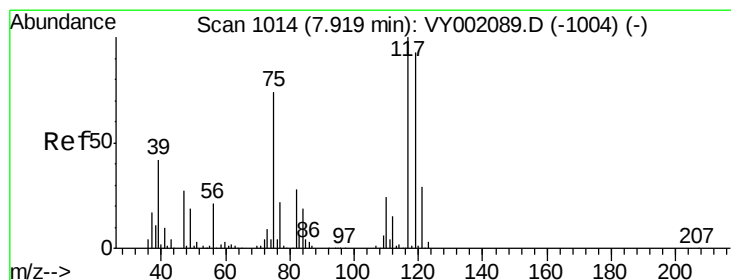
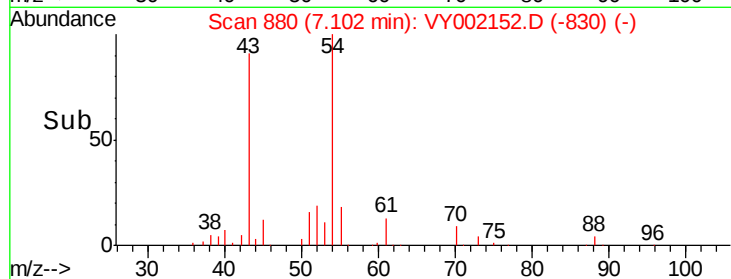
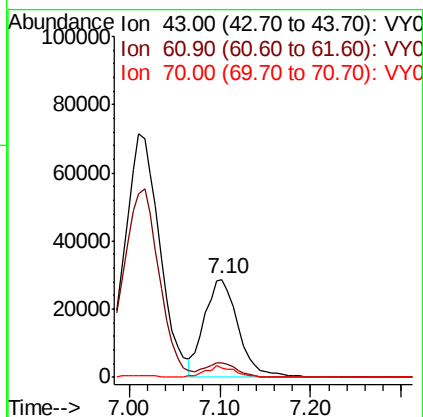
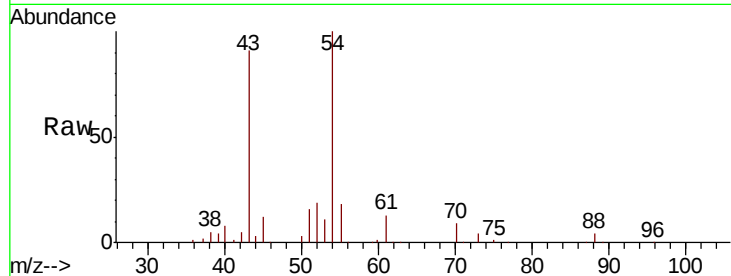




#37
Ethyl Acetate
Concen: 46.371 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

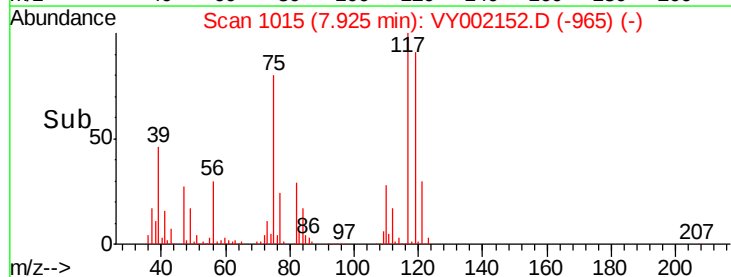
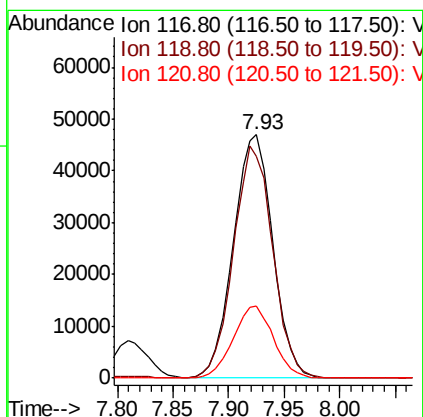
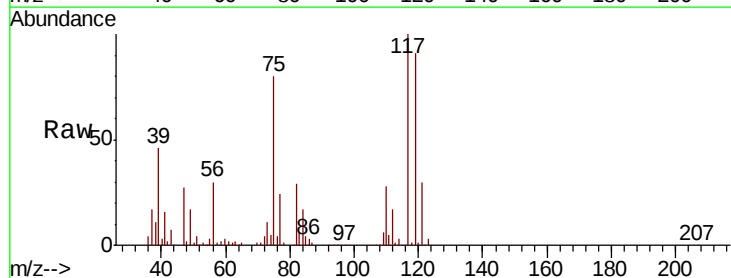
Instrument :
MSVOA_Y
ClientSampled :

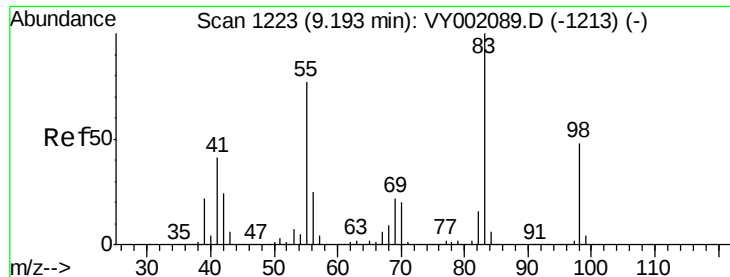
Tot Ion: 43 Resp: 75548
Ion Ratio Lower Upper
43 100
61 14.2 11.2 16.8
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 50.569 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 117 Resp: 115670
Ion Ratio Lower Upper
117 100
119 91.3 74.3 111.5
121 29.6 23.3 34.9

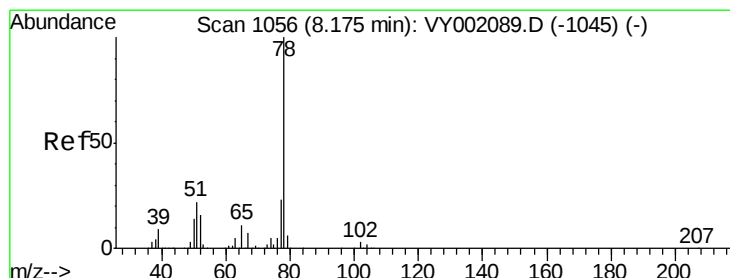
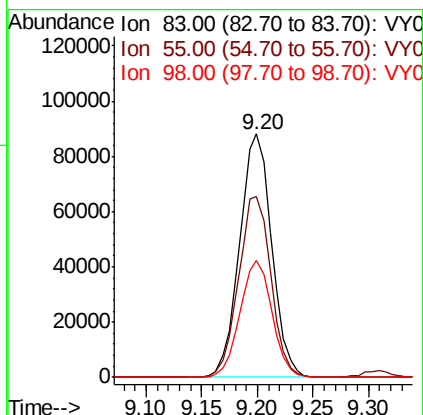
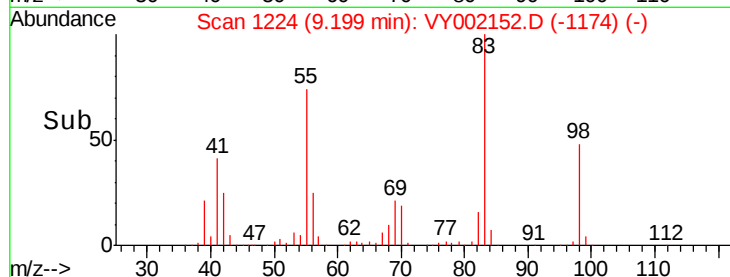
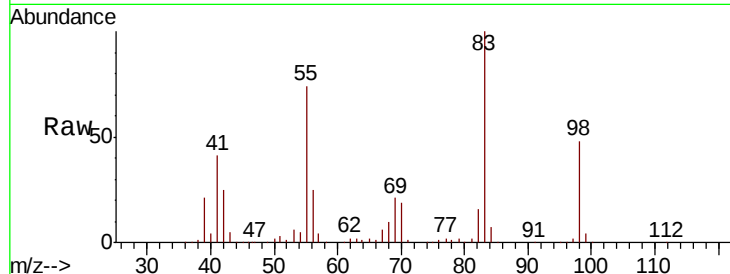




#39
Methvlcvclohexane
Concen: 49.868 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

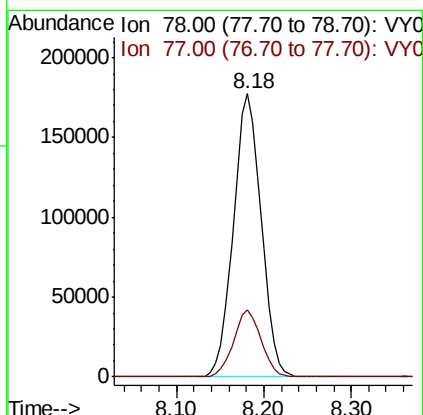
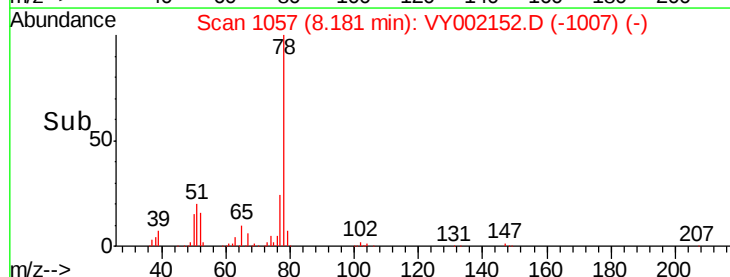
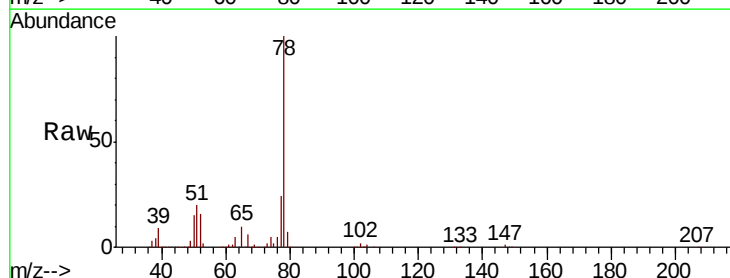
Instrument :
MSVOA_Y
ClientSampled :

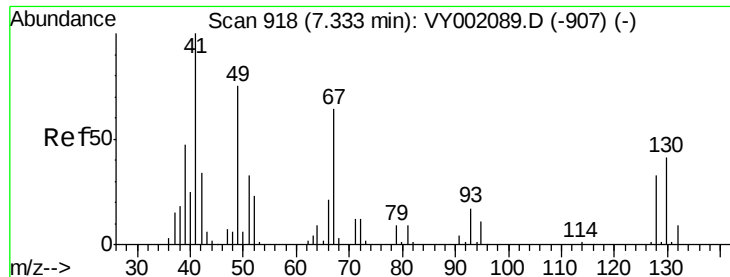
Tot Ion: 83 Resp: 176351
Ion Ratio Lower Upper
83 100
55 74.5 61.2 91.8
98 48.0 38.2 57.2



#40
Benzene
Concen: 49.068 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 78 Resp: 391852
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.4

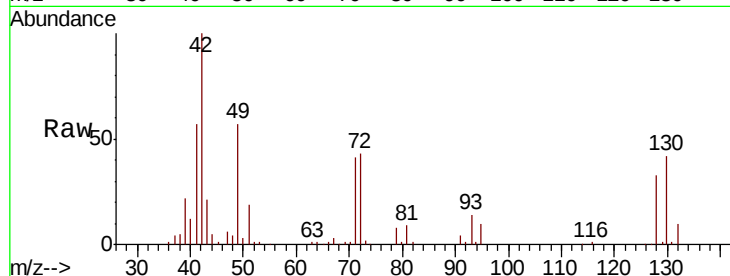




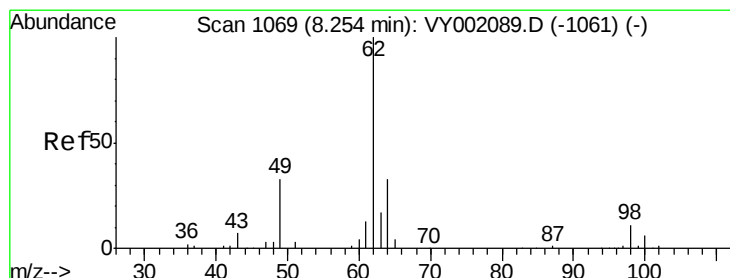
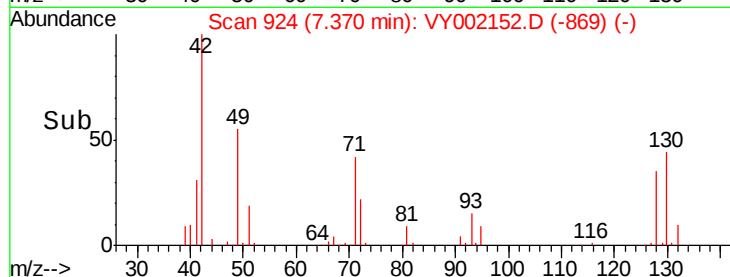
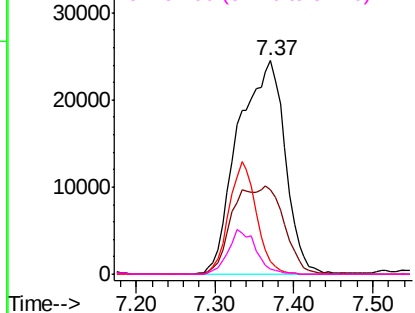
#41
Methacrylonitrile
Concen: 123.533 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.04 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	101804
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

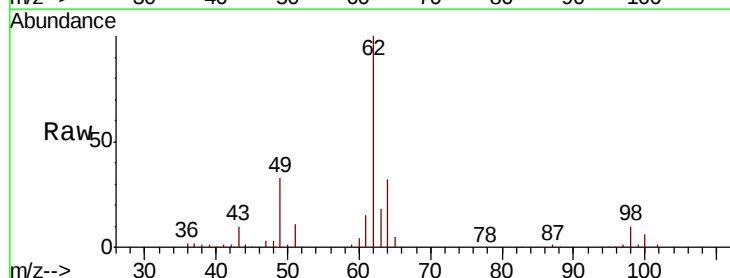


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

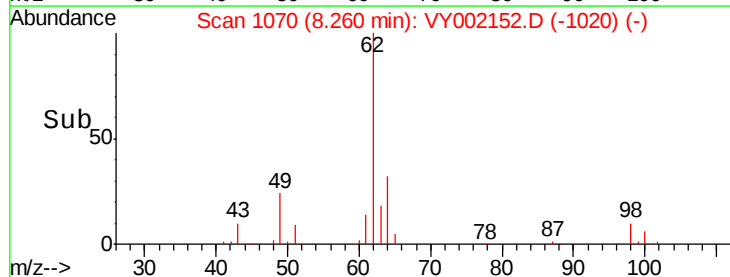
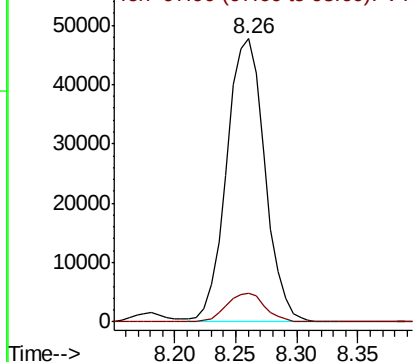


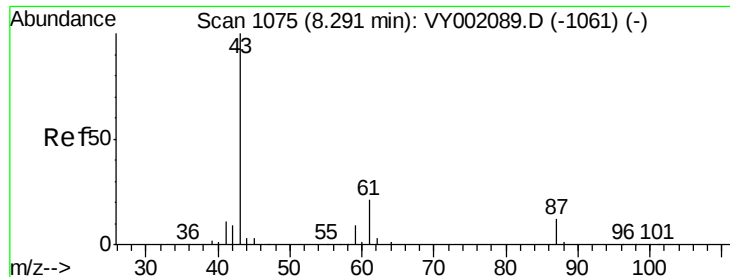
#42
1,2-Dichloroethane
Concen: 48.652 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion:	62	Resp:	103152
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 47.711 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

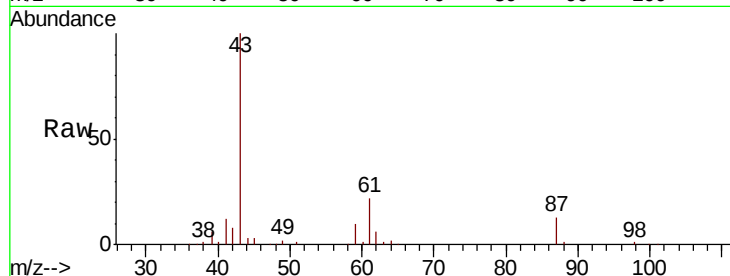
Tot Ion: 43 Resp: 144272

Ion Ratio Lower Upper

43 100

61 29.5 23.4 35.2

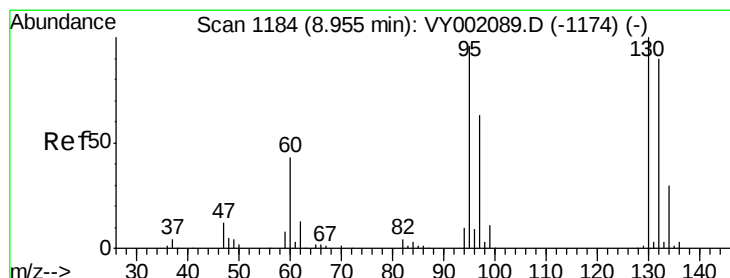
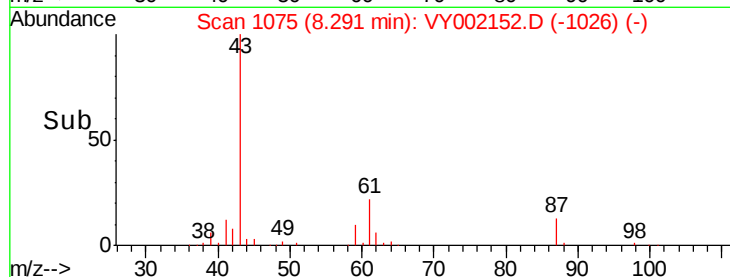
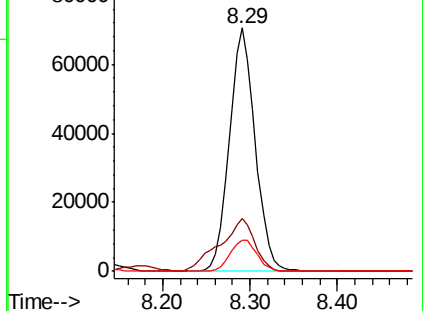
87 13.5 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY002152.D (-1026) (-)

Ion 61.00 (60.70 to 61.70): VY002152.D (-1026) (-)

Ion 87.00 (86.70 to 87.70): VY002152.D (-1026) (-)



#44

Trichloroethene

Concen: 49.770 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VY002152.D

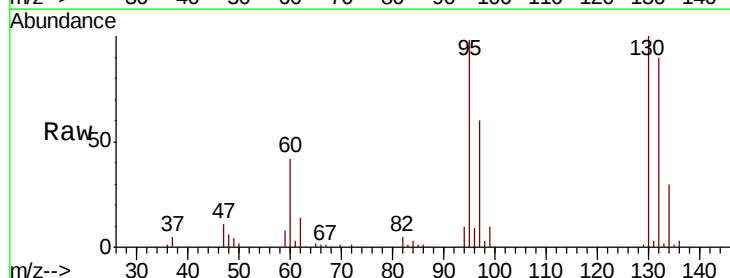
Acq: 01 Apr 2020 10:46

Tgt Ion: 130 Resp: 95809

Ion Ratio Lower Upper

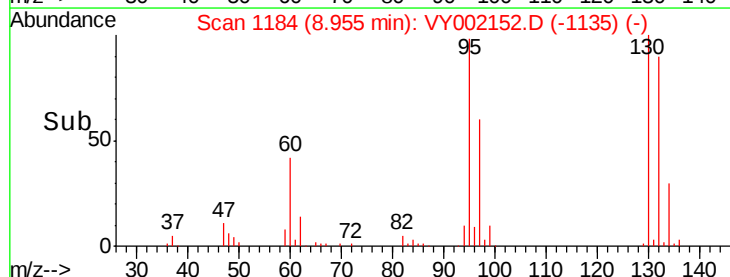
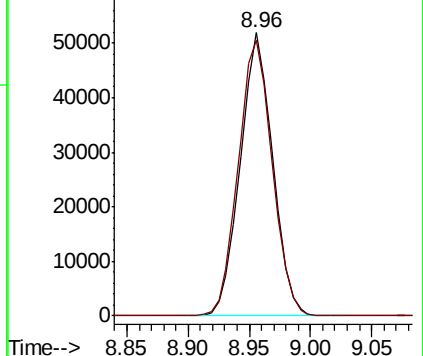
130 100

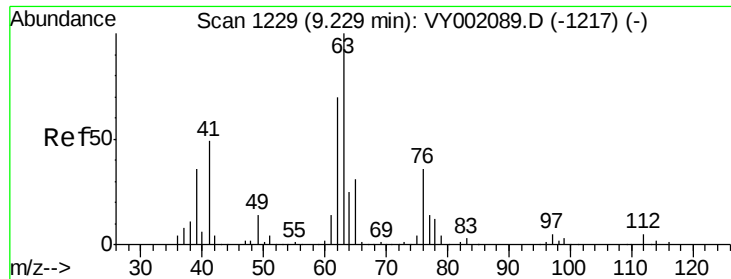
95 97.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VY002152.D (-1135) (-)

Ion 94.90 (94.60 to 95.60): VY002152.D (-1135) (-)

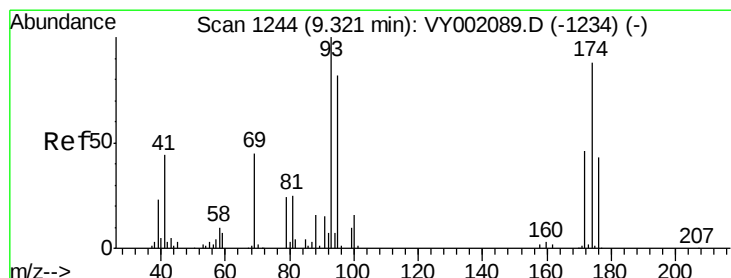
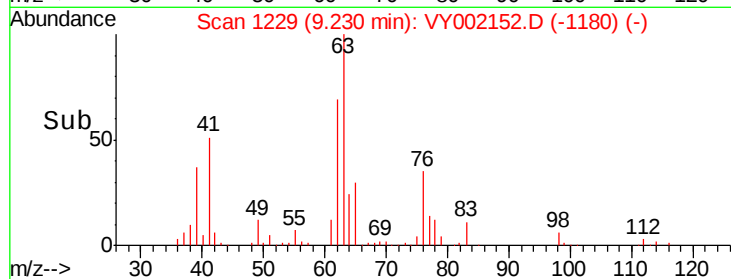
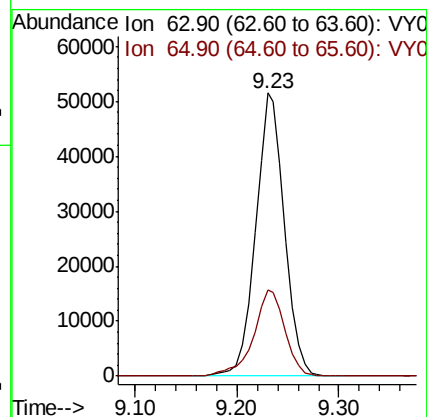
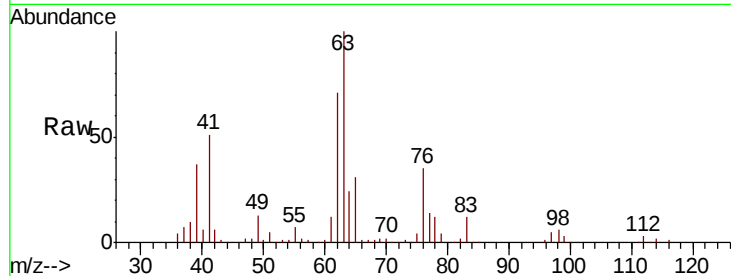




#45
 1,2-Dichloropropane
 Concen: 49.381 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

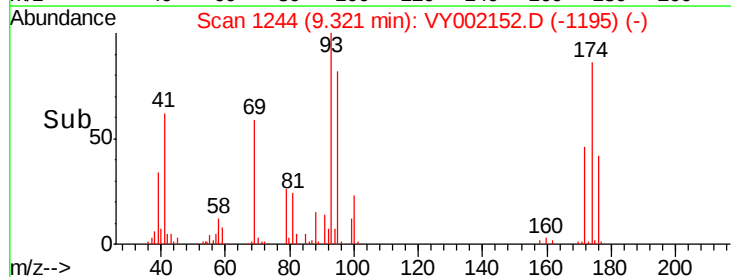
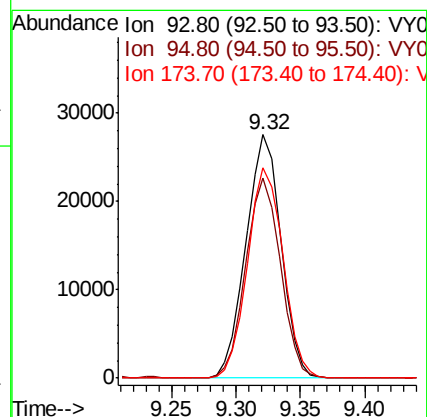
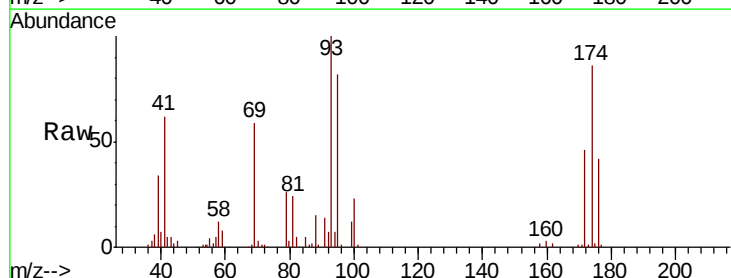
Instrument :
 MSVOA_Y
 ClientSampleId :

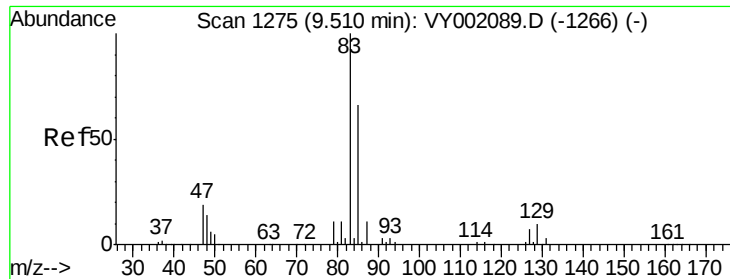
Tot Ion: 63 Resp: 100411
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6



#46
 Dibromomethane
 Concen: 49.840 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 93 Resp: 52047
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.0 99.0
 174 87.2 69.8 104.8

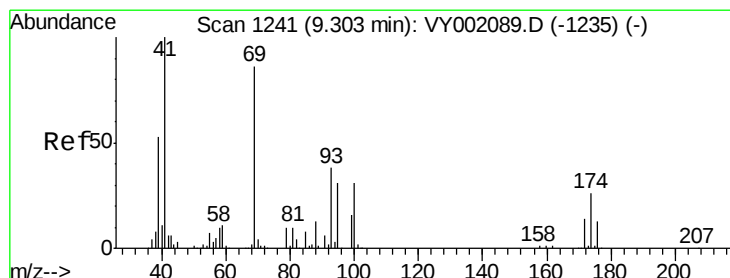
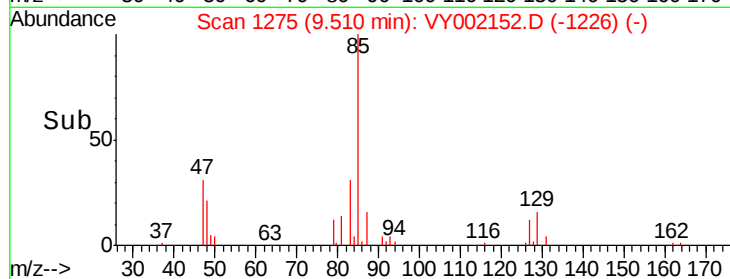
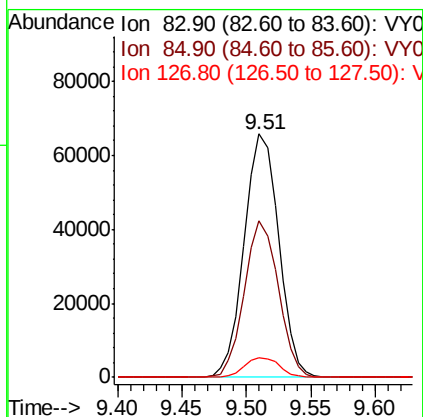
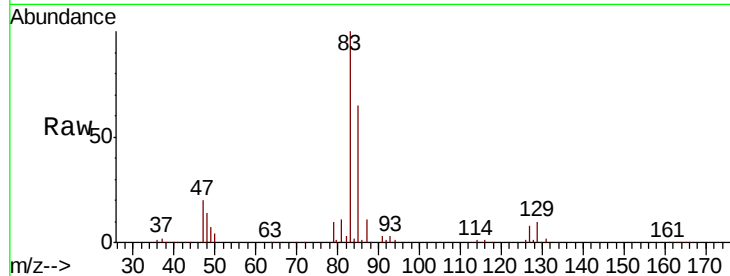




#47
 Bromodichloromethane
 Concen: 50.335 ug/l
 RT: 9.51 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

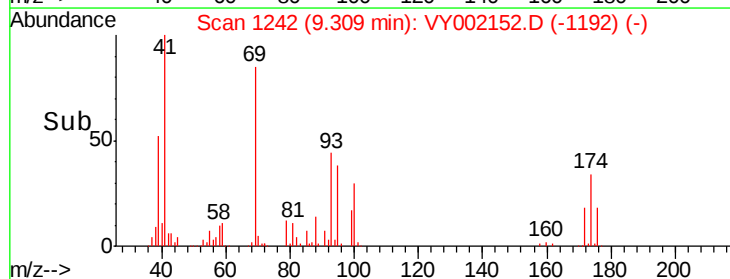
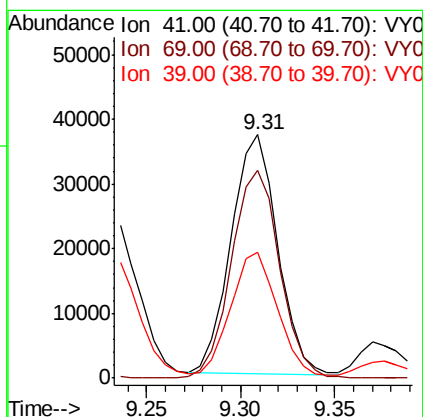
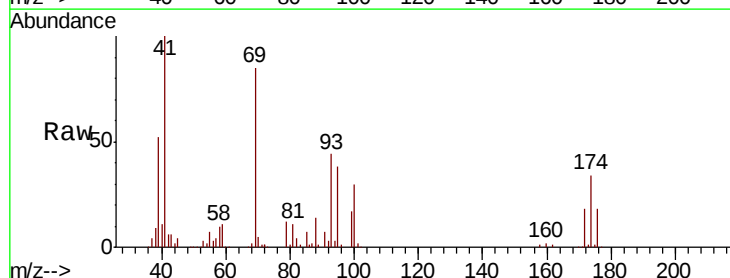
Instrument :
 MSVOA_Y
 ClientSampled :

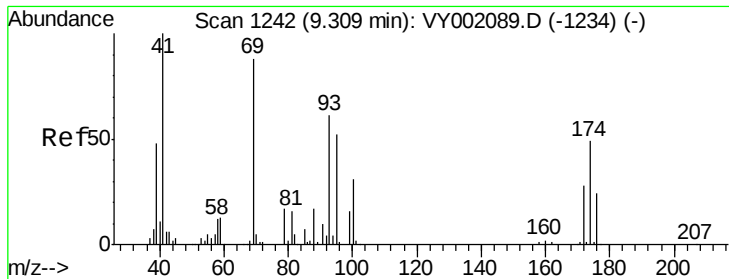
Tot Ion	83	Resp	122365
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.6	79.0
127	8.0	5.9	8.9



#48
 Methyl methacrylate
 Concen: 46.807 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion	41	Resp	63428
Ion Ratio	Lower	Upper	
41	100		
69	90.1	71.4	107.0
39	50.8	41.0	61.4

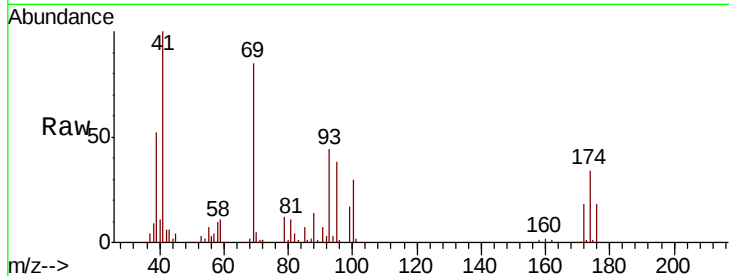




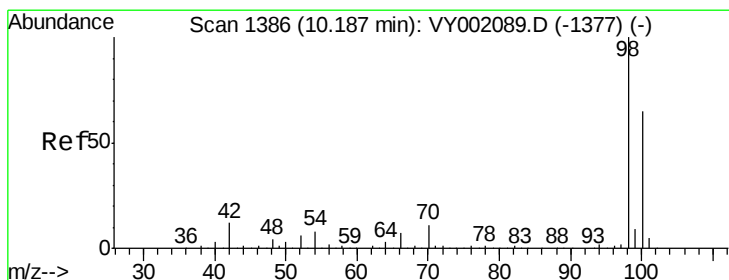
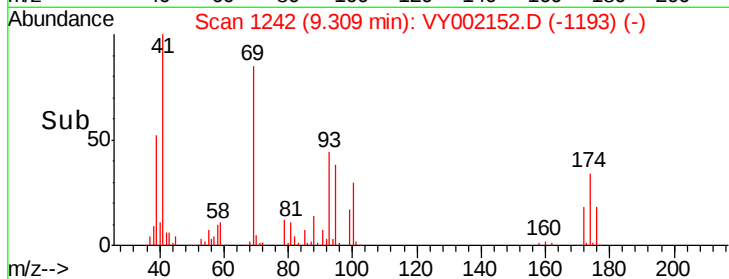
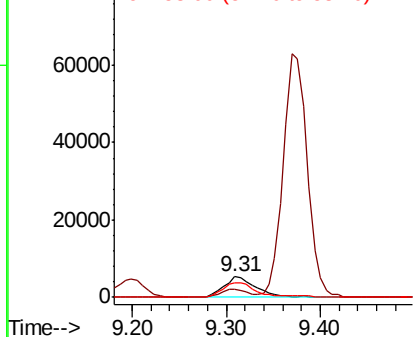
#49
1,4-Dioxane
Concen: 890.723 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 12764
Ion Ratio Lower Upper
88 100
43 34.2 27.2 40.8
58 70.6 59.8 89.8

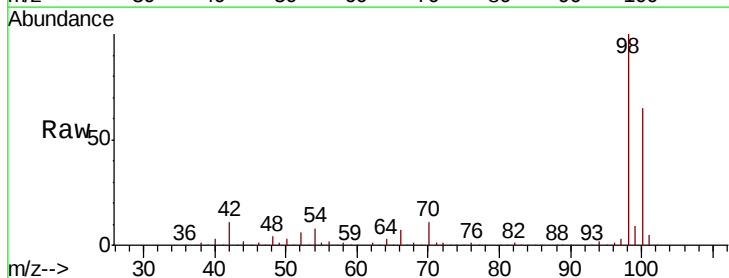


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

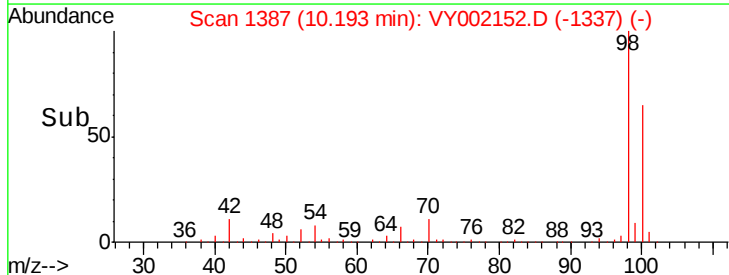
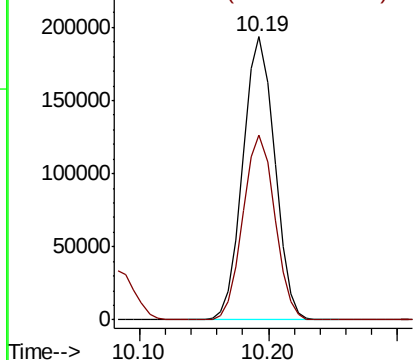


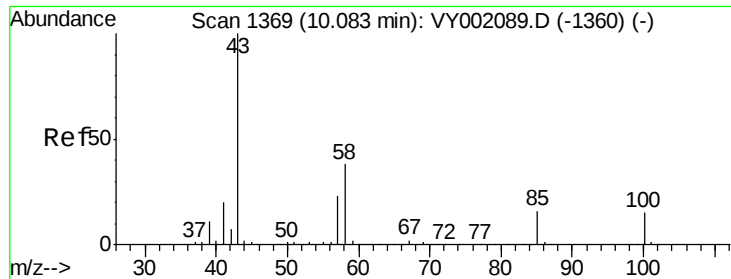
#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 98 Resp: 331007
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



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

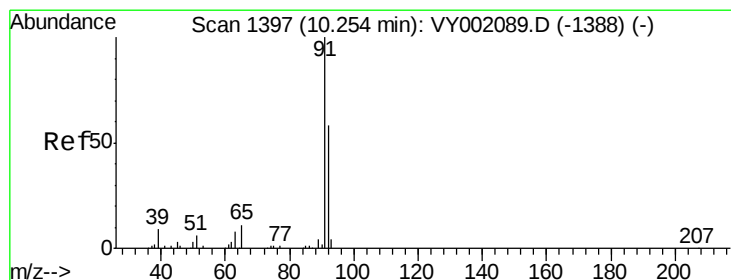
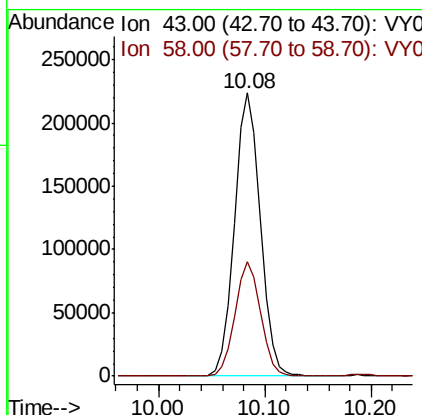
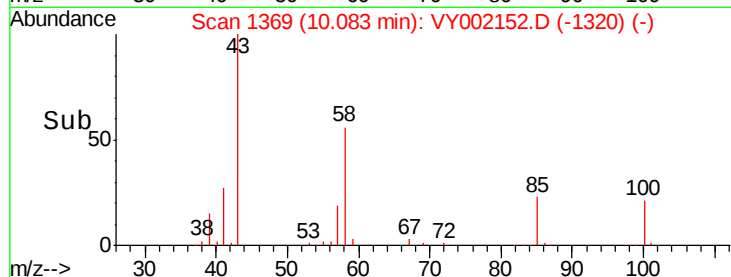
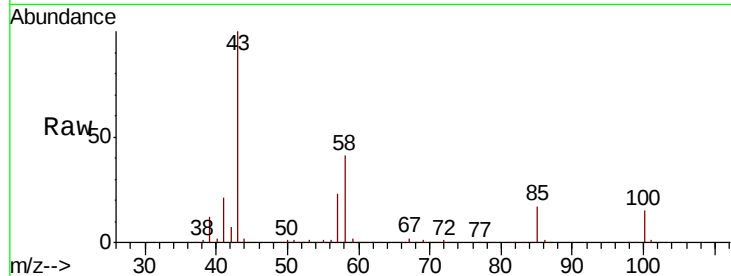




#51
4-Methyl-2-Pentanone
Concen: 244.726 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

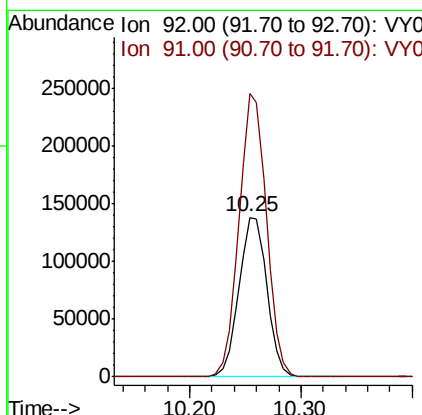
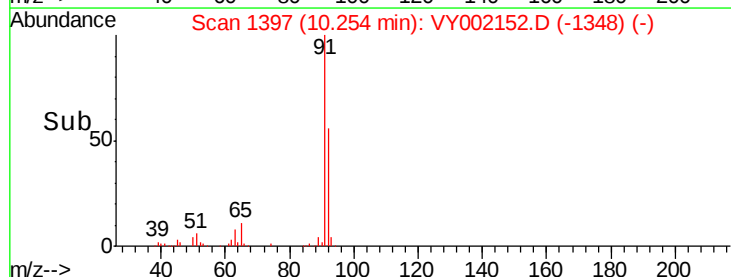
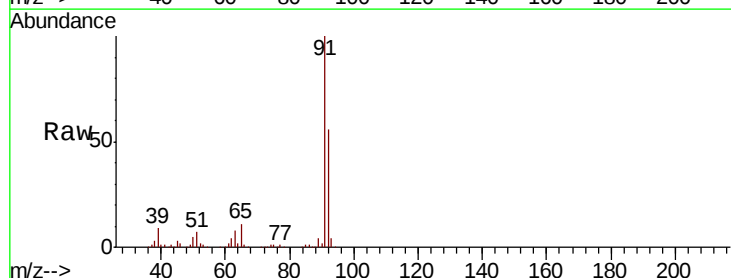
Instrument :
MSVOA_Y
ClientSampled :

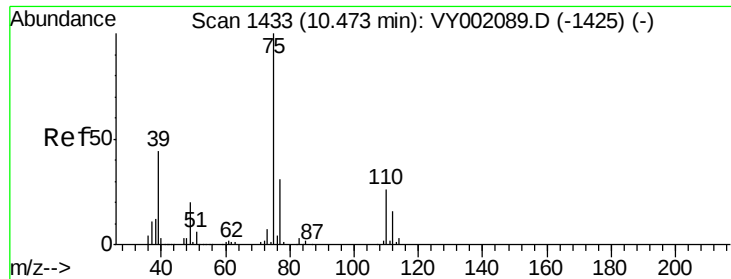
Tot Ion: 43 Resp: 381054
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4



#52
Toluene
Concen: 49.767 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 92 Resp: 240384
Ion Ratio Lower Upper
92 100
91 174.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 50.555 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

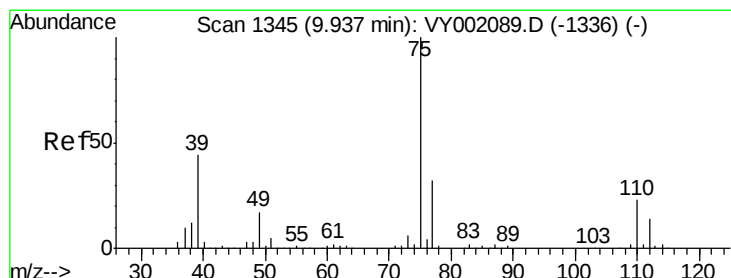
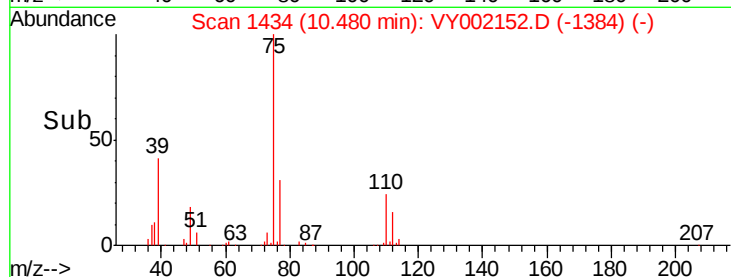
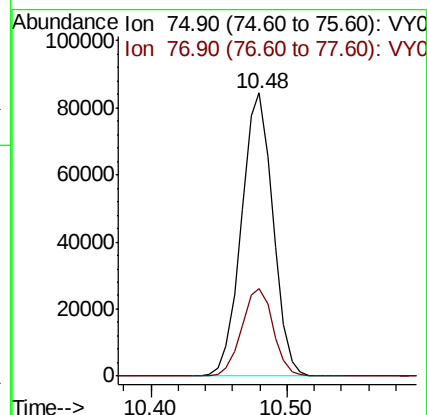
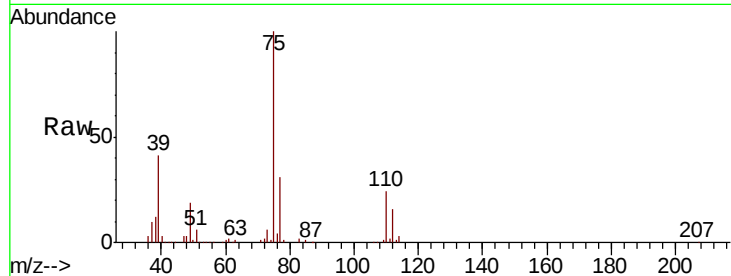
ClientSampleId :

Tot Ion: 75 Resp: 136410

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.398 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

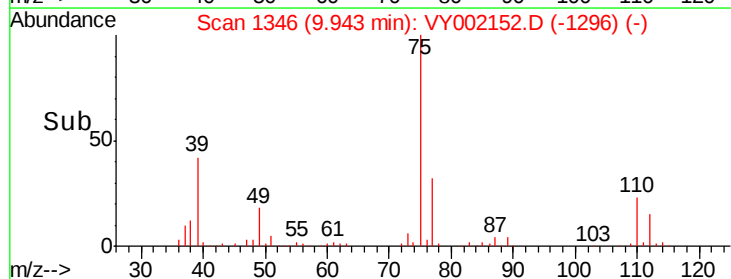
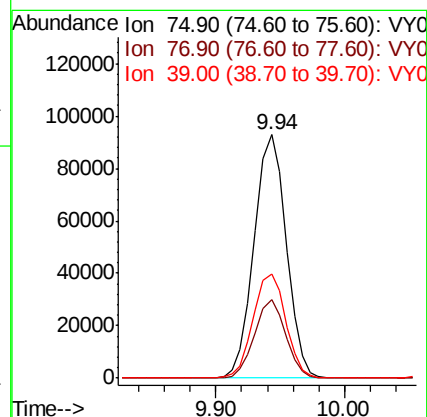
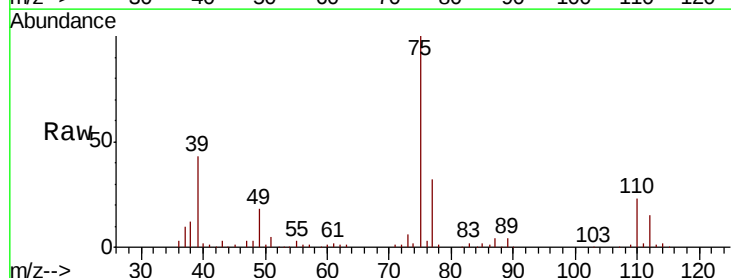
Tgt Ion: 75 Resp: 160107

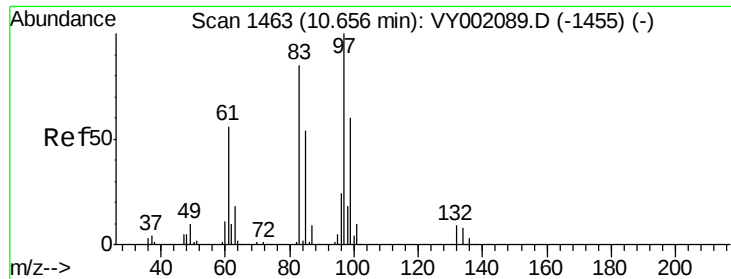
Ion Ratio Lower Upper

75 100

77 32.4 25.6 38.4

39 42.5 35.2 52.8



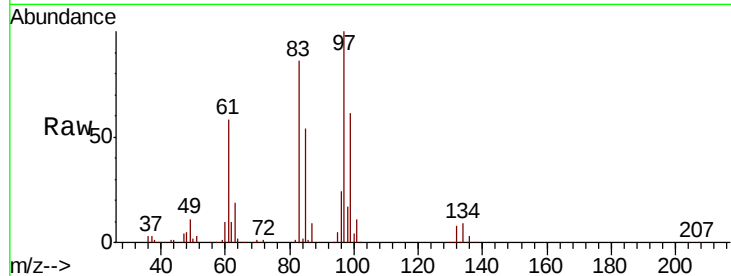


#55
 1,1,2-Trichloroethane
 Concen: 49.778 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

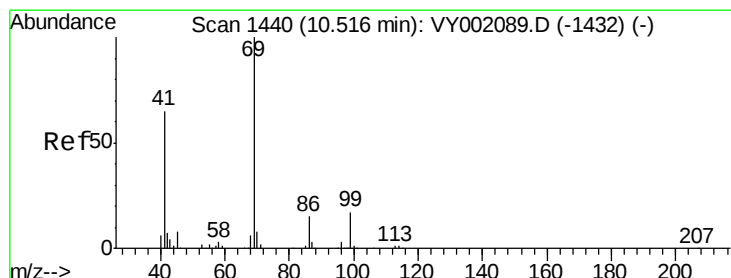
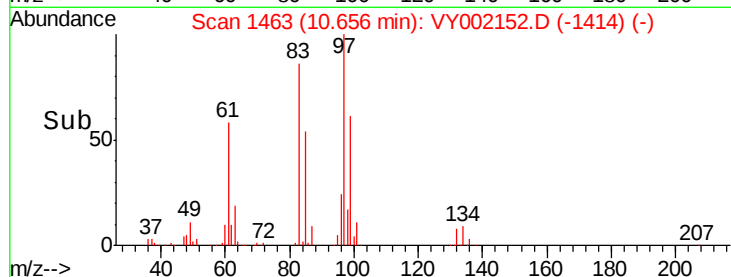
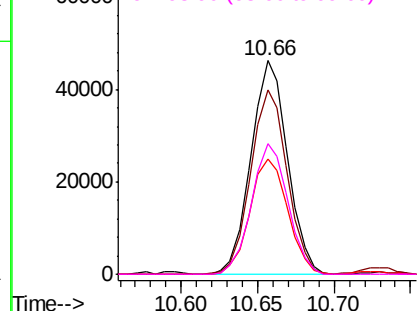
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 76934

Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.2	102.2
85	54.1	42.9	64.3
99	61.4	47.9	71.9



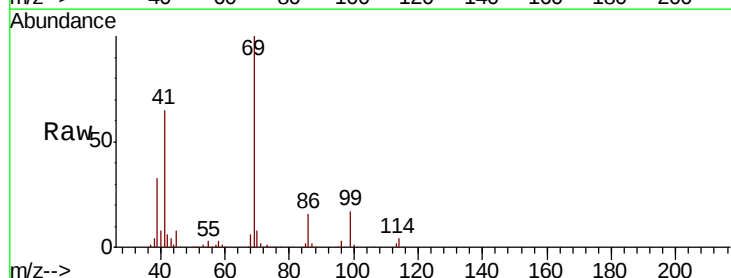
Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0



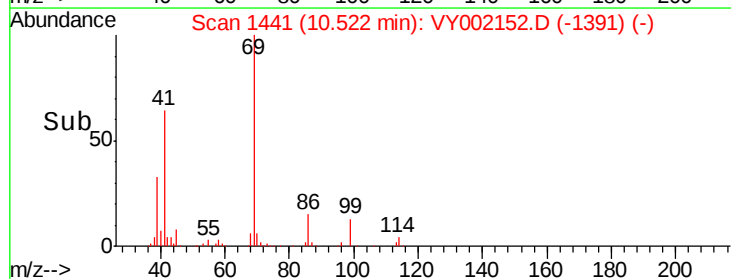
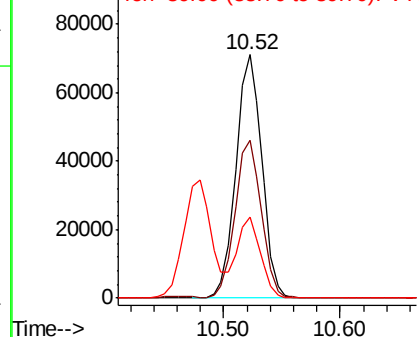
#56
 Ethyl methacrylate
 Concen: 48.886 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

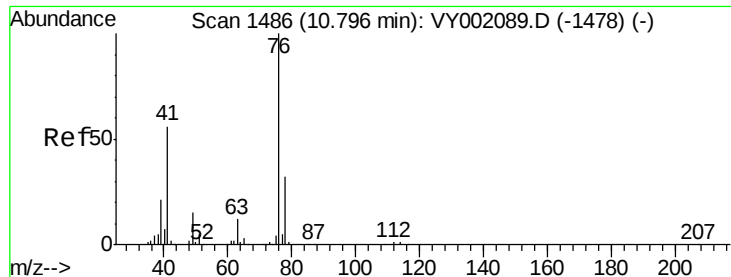
Tgt Ion: 69 Resp: 110357

Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.8	79.2
39	29.6	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: 49.156 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

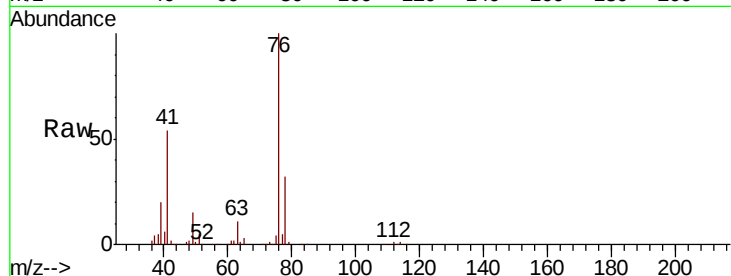
ClientSampleId :

Tot Ion: 76 Resp: 134230

Ion Ratio Lower Upper

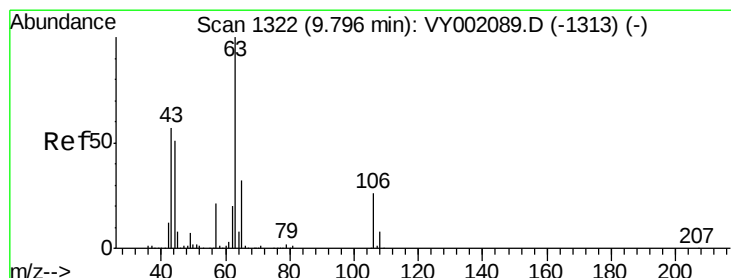
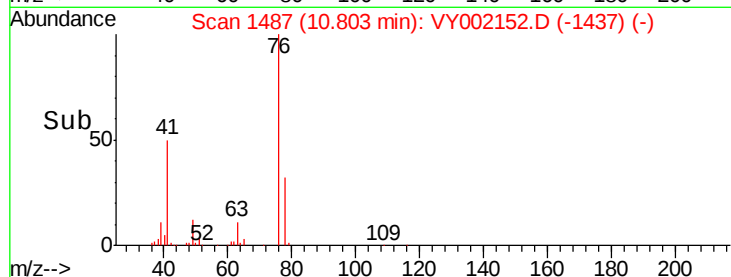
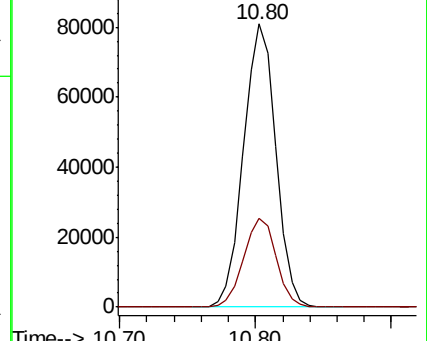
76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.369 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002152.D

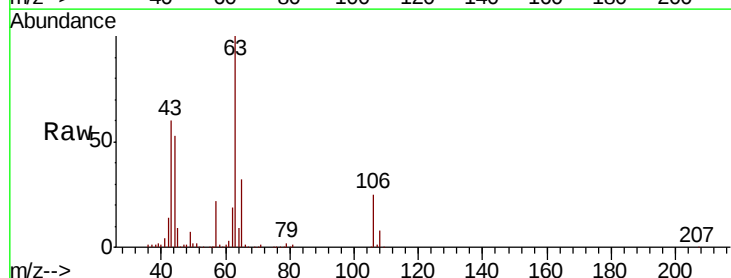
Acq: 01 Apr 2020 10:46

Tgt Ion: 63 Resp: 302016

Ion Ratio Lower Upper

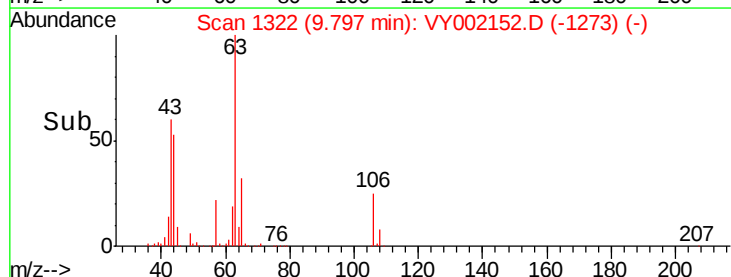
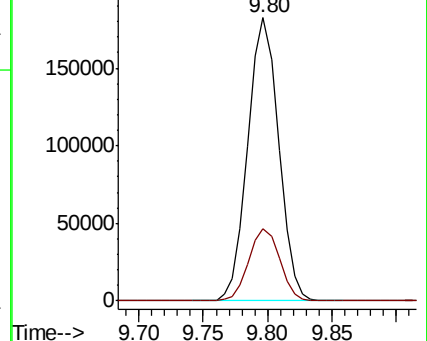
63 100

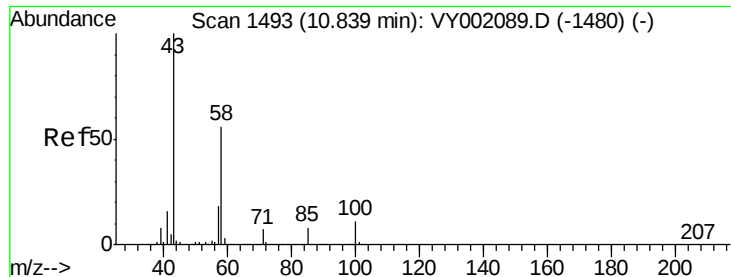
106 25.7 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

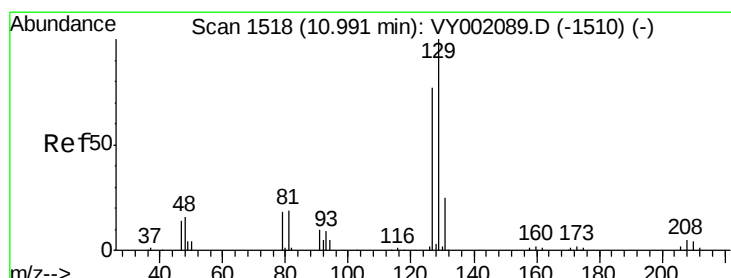
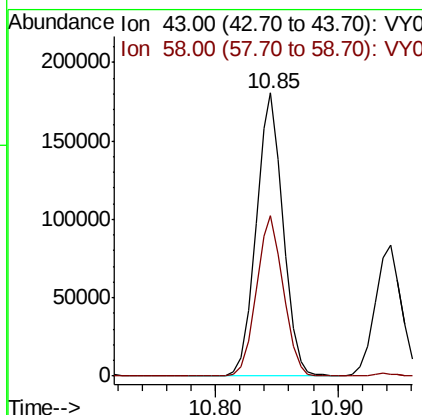
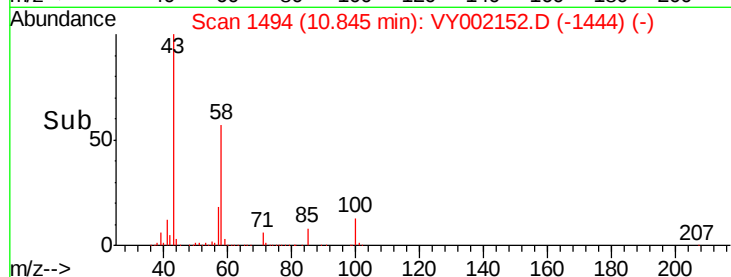
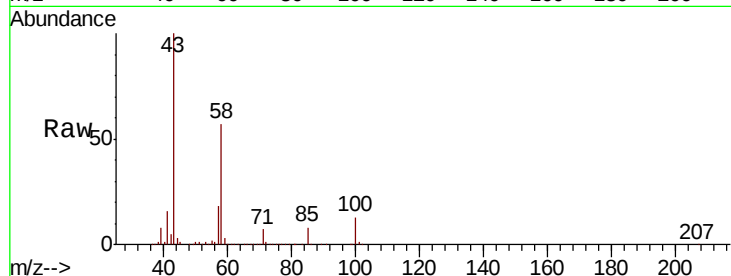




#59
2-Hexanone
Concen: 251.611 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

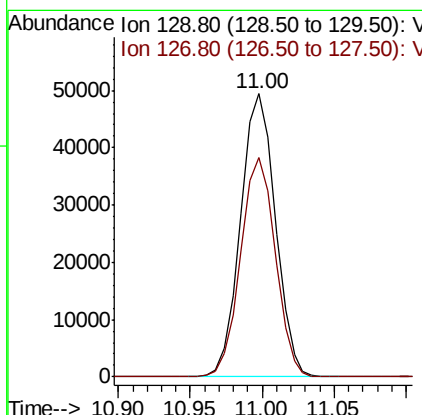
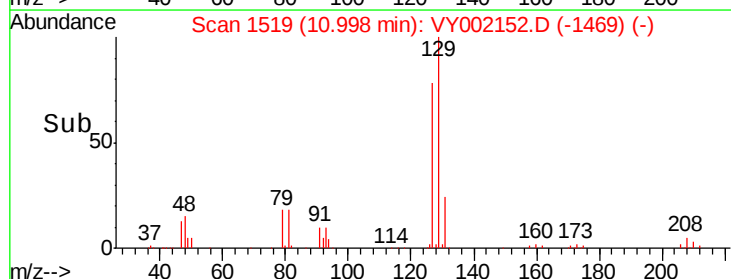
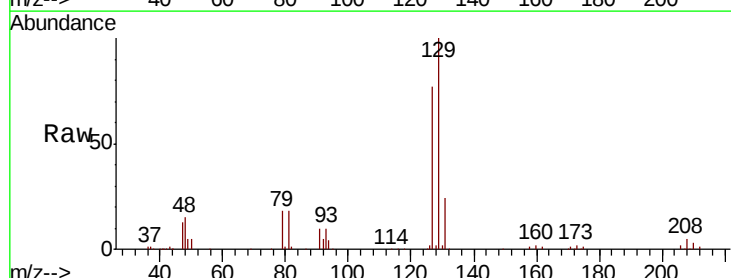
Instrument :
MSVOA_Y
ClientSampleId :

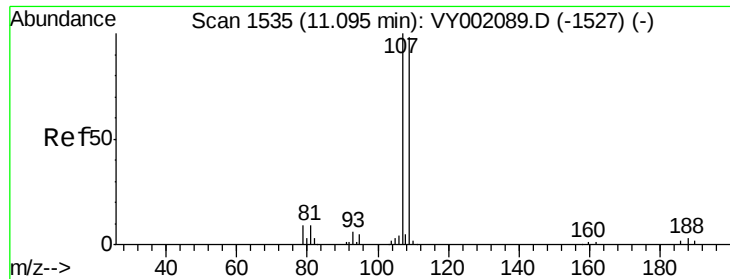
Tot Ion: 43 Resp: 275973
Ion Ratio Lower Upper
43 100
58 56.9 27.9 83.6



#60
Dibromochloromethane
Concen: 51.204 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 129 Resp: 82812
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

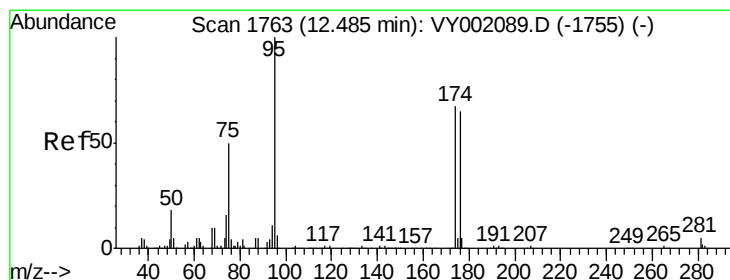
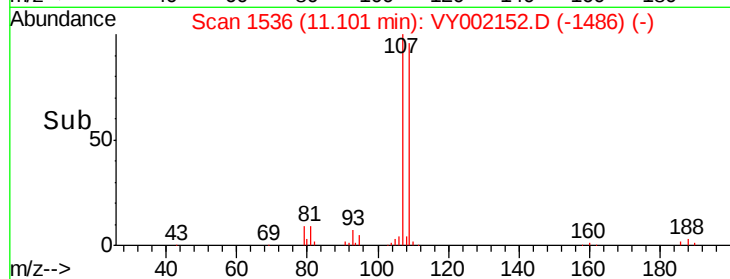
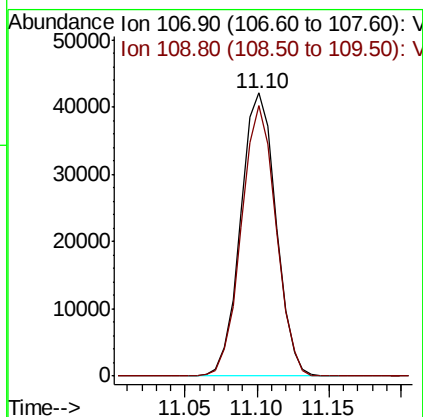
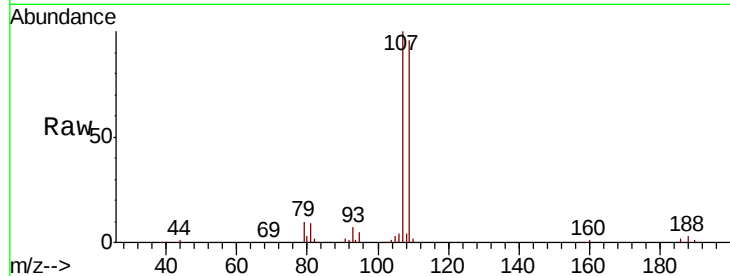




#61
 1,2-Dibromoethane
 Concen: 49.389 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

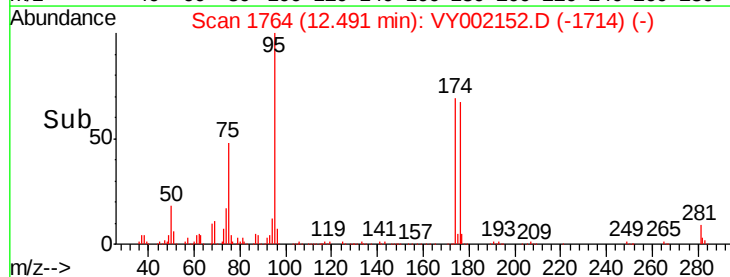
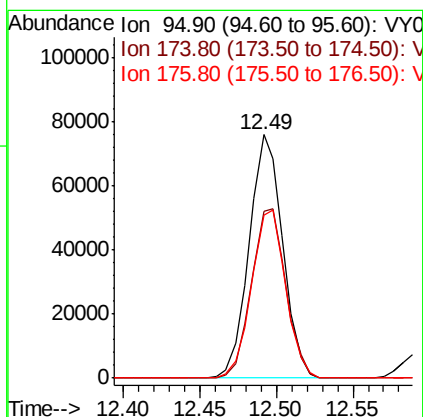
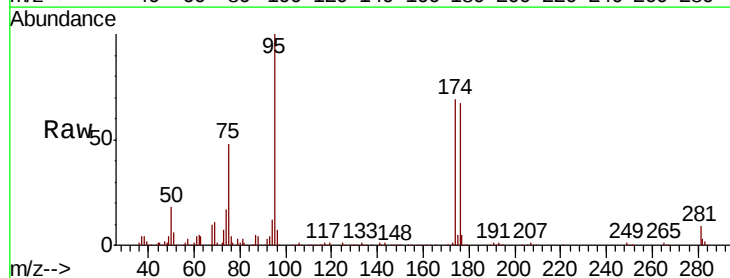
Instrument :
 MSVOA_Y
 ClientSampleId :

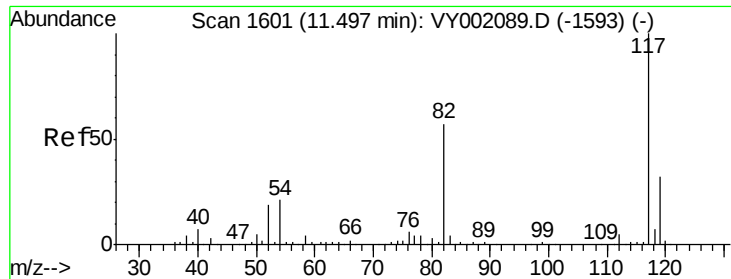
Tot Ion: 107 Resp: 71448
 Ion Ratio Lower Upper
 107 100
 109 93.5 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.649 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 95 Resp: 115205
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 143.4
 176 70.5 0.0 137.0

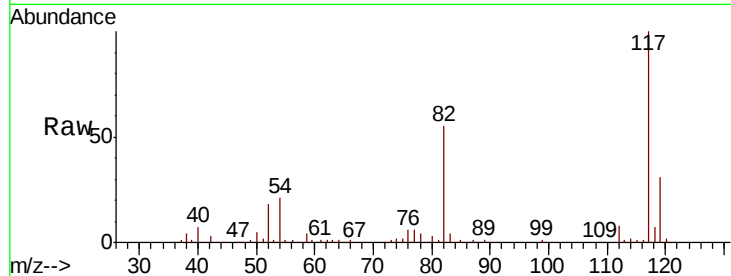




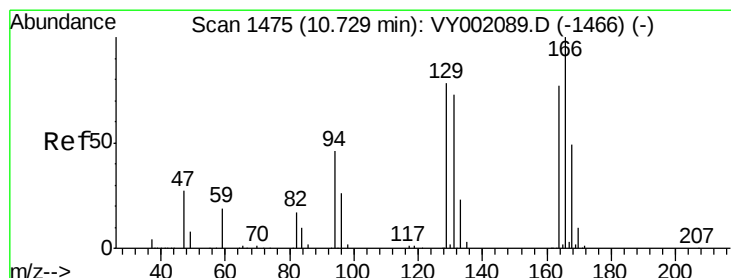
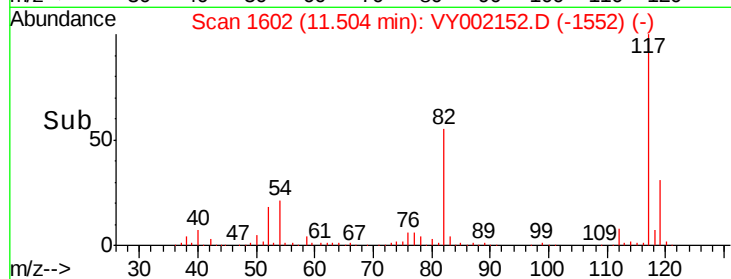
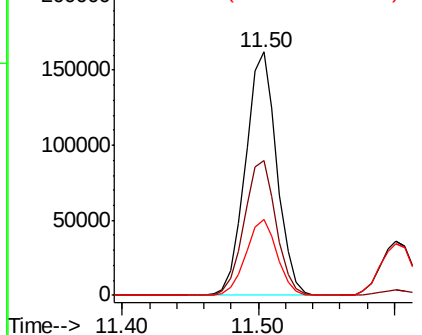
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 259629
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 31.4 25.3 37.9

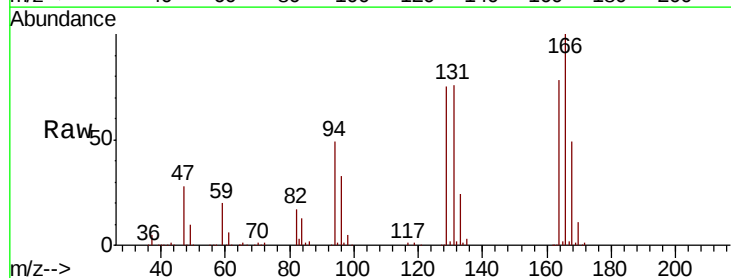


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

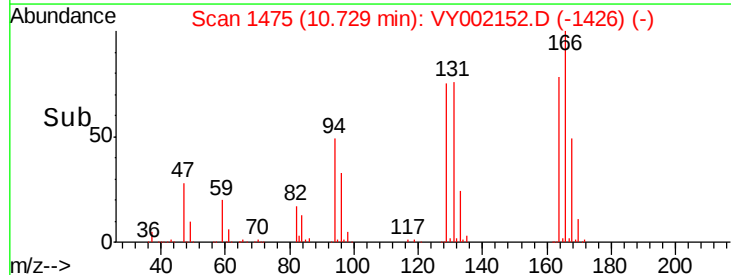
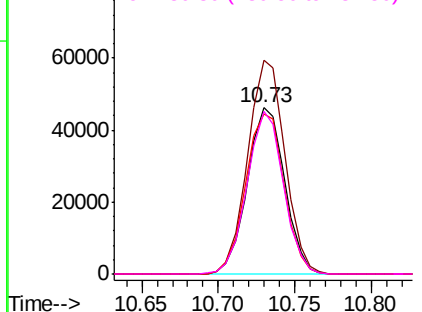


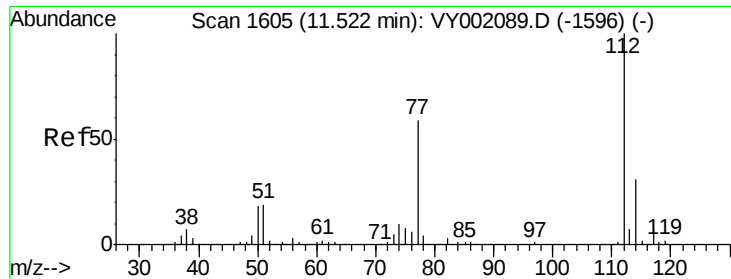
#64
Tetrachloroethene
Concen: 49.485 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion:164 Resp: 78606
Ion Ratio Lower Upper
164 100
166 128.6 104.0 156.0
129 96.3 81.2 121.8
131 97.8 75.8 113.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

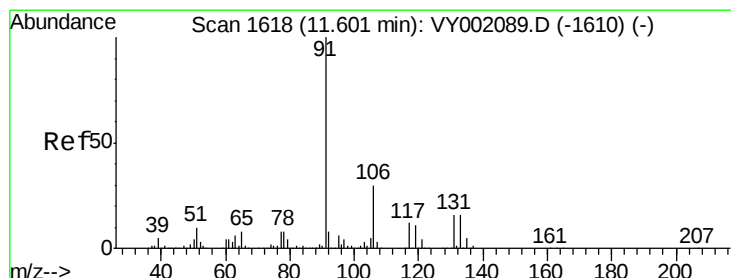
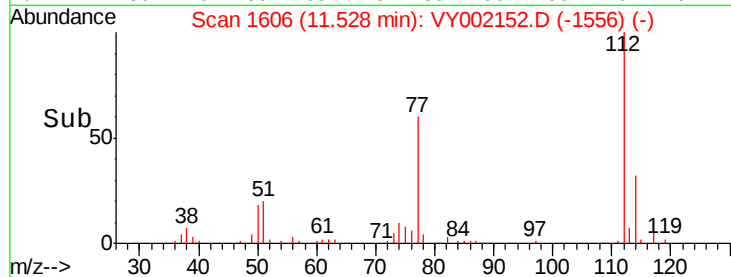
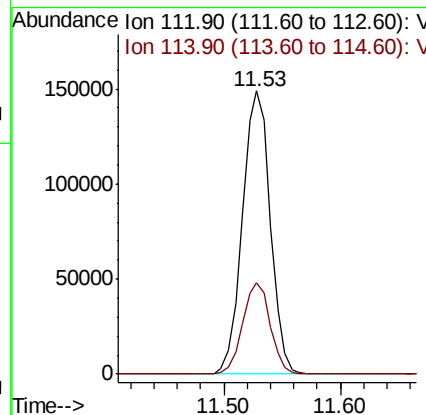
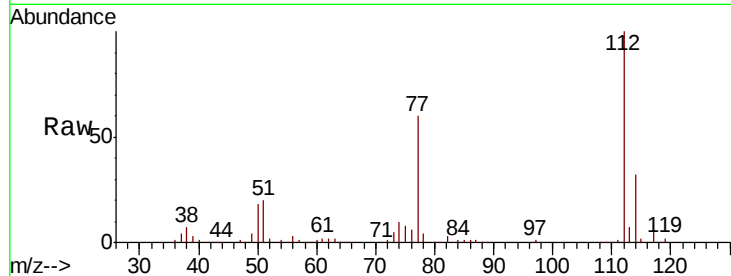




#65
Chlorobenzene
Concen: 49.442 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

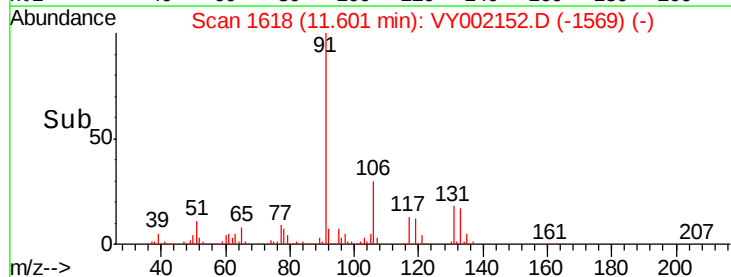
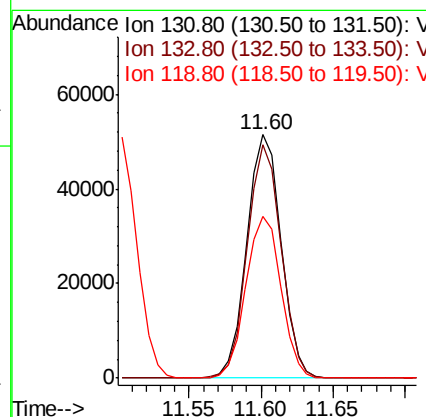
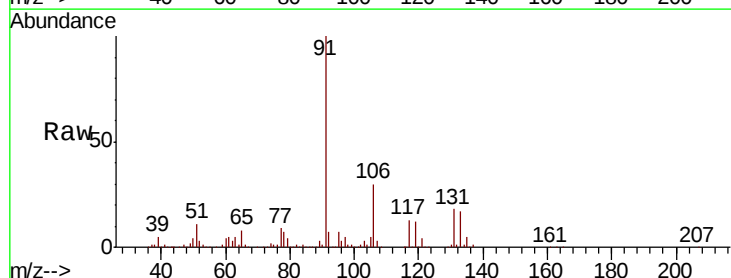
Instrument :
MSVOA_Y
ClientSampleId :

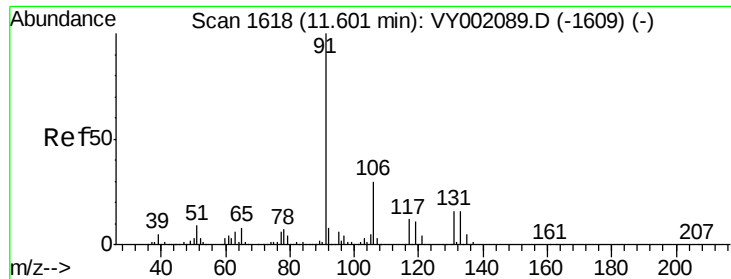
Tot Ion:112 Resp: 247788
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.491 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion:131 Resp: 84657
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.5
119 68.0 34.6 103.9

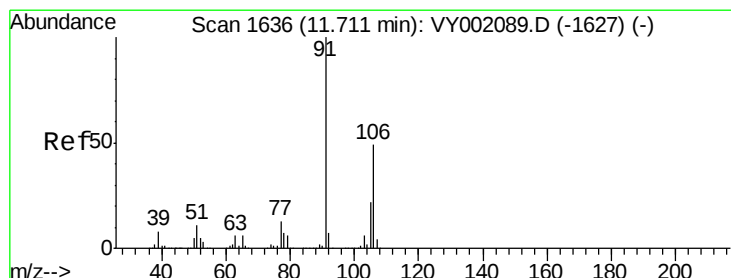
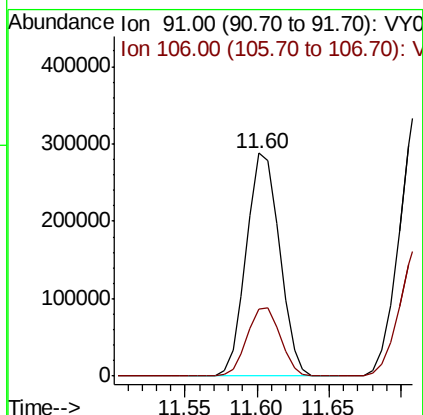
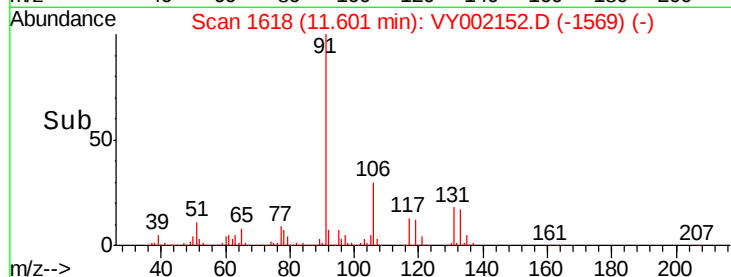
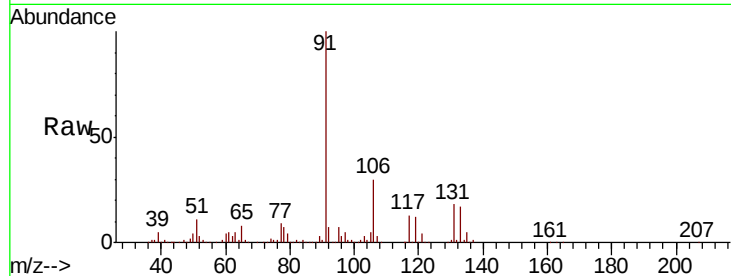




#67
Ethyl Benzene
Concen: 49.496 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

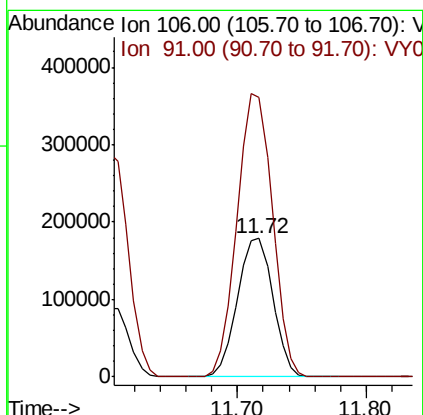
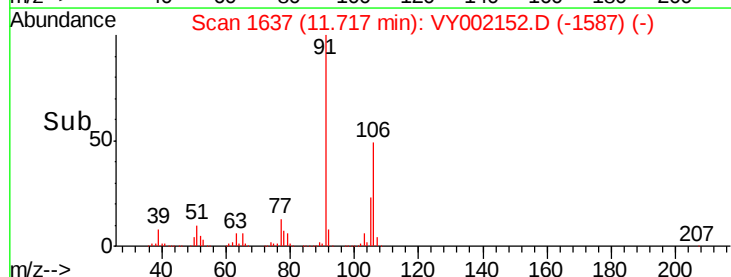
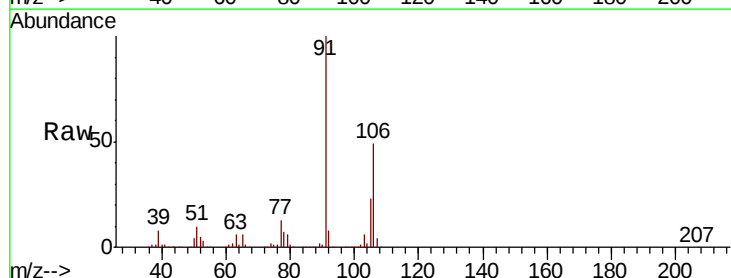
Instrument :
MSVOA_Y
ClientSampled :

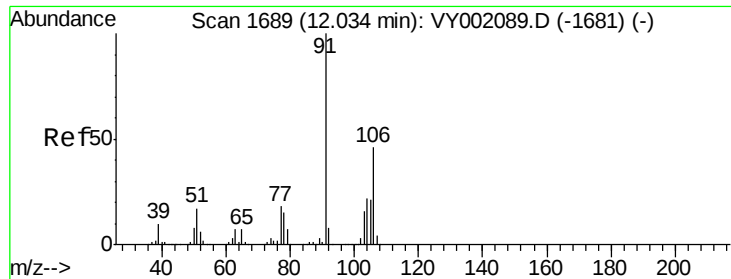
Tot Ion: 91 Resp: 460711
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



#68
m/p-Xylenes
Concen: 99.408 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 106 Resp: 342116
Ion Ratio Lower Upper
106 100
91 204.2 162.8 244.2

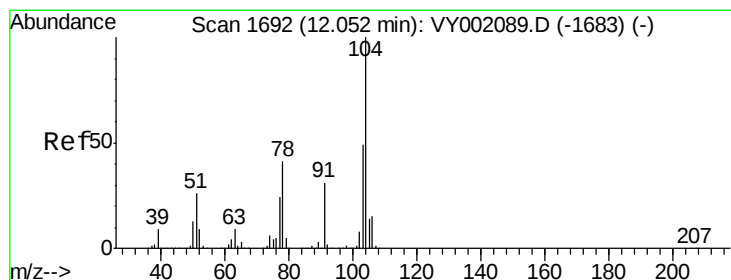
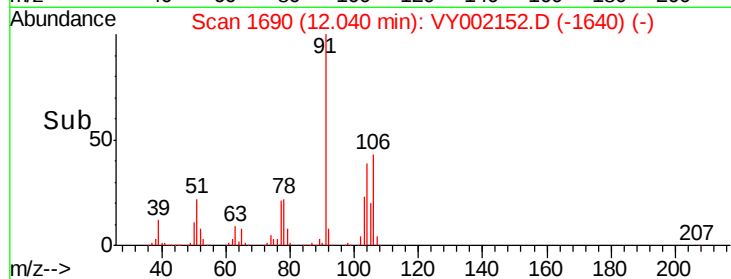
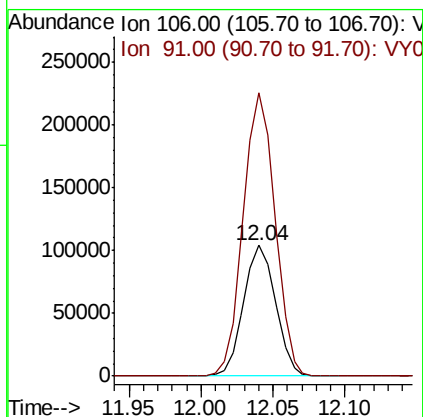
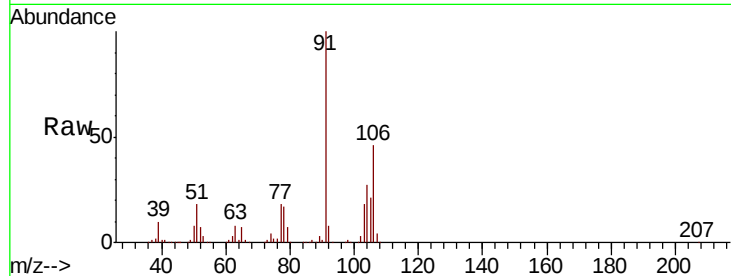




#69
o-Xylene
Concen: 49.140 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

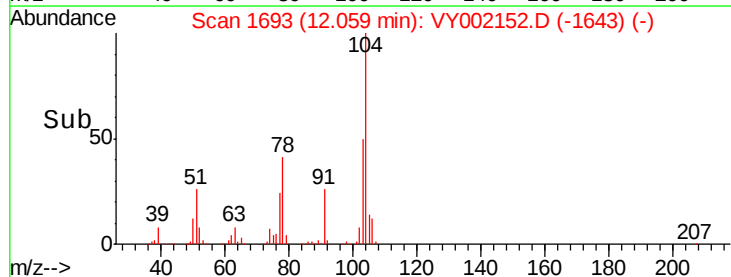
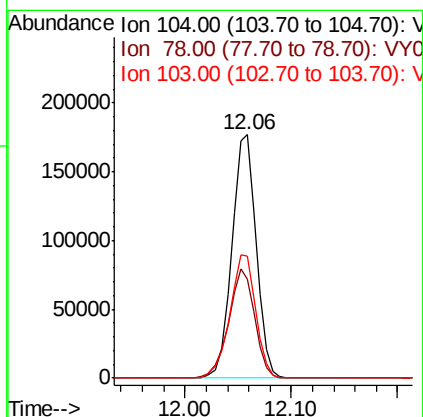
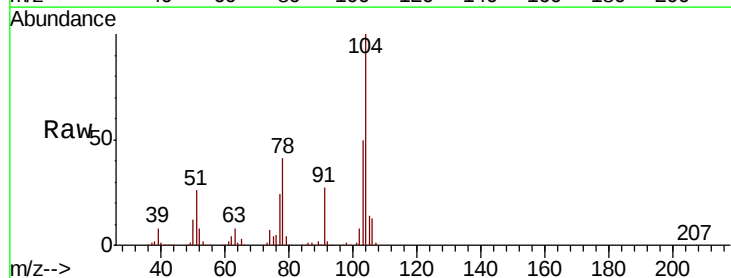
Instrument :
MSVOA_Y
ClientSampled :

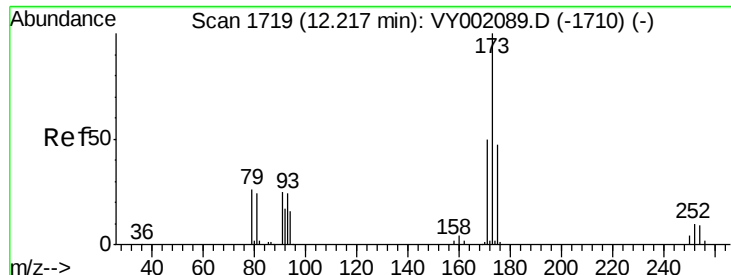
Tot Ion:106 Resp: 160425
Ion Ratio Lower Upper
106 100
91 216.0 107.3 321.8



#70
Styrene
Concen: 49.820 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion:104 Resp: 281836
Ion Ratio Lower Upper
104 100
78 47.9 37.9 56.9
103 54.1 43.2 64.8





#71

Bromoform

Concen: 50.934 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

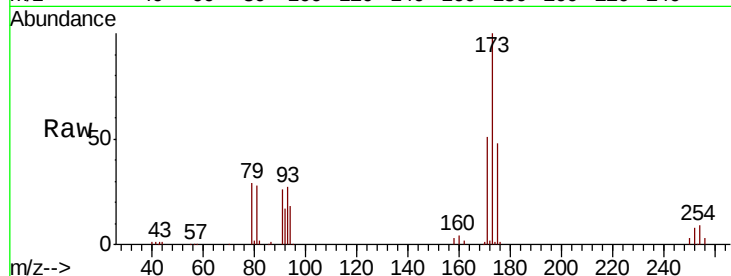
Tot Ion:173 Resp: 46774

Ion Ratio Lower Upper

173 100

175 47.5 23.9 71.8

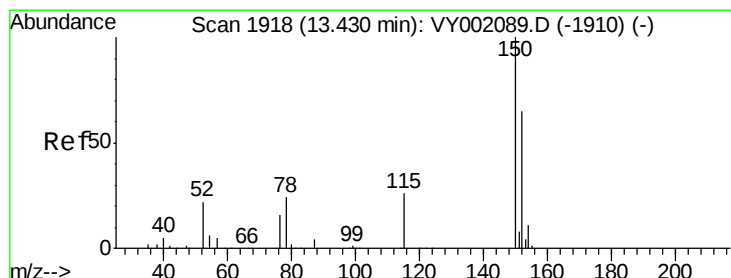
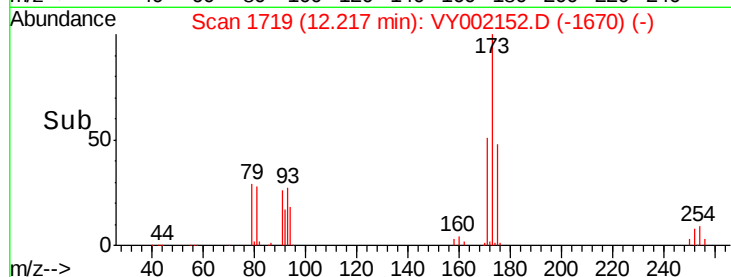
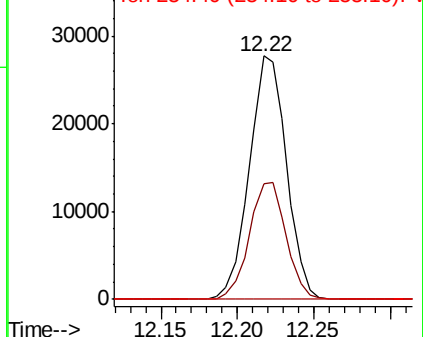
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

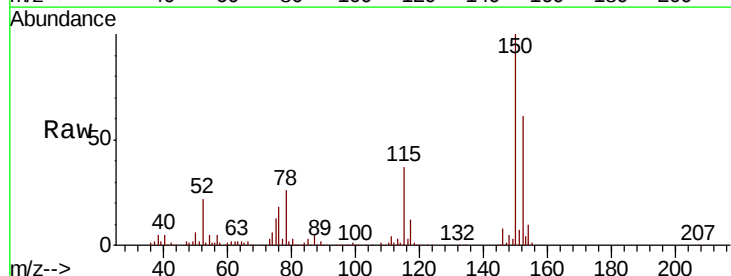
Tgt Ion:152 Resp: 117720

Ion Ratio Lower Upper

152 100

115 61.1 31.2 93.6

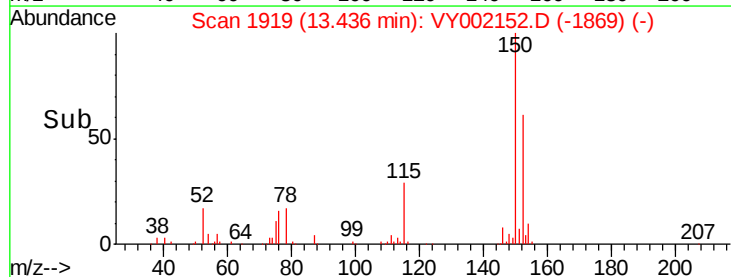
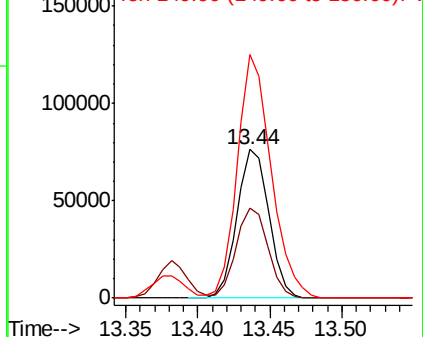
150 173.4 0.0 354.8

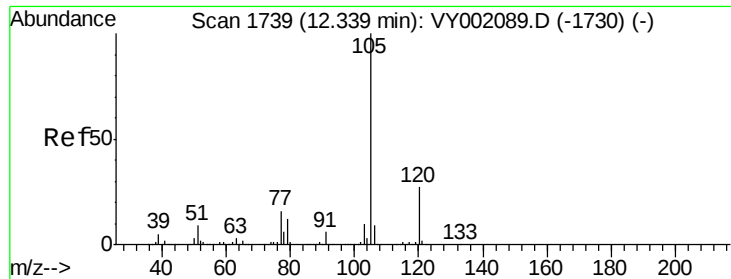


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

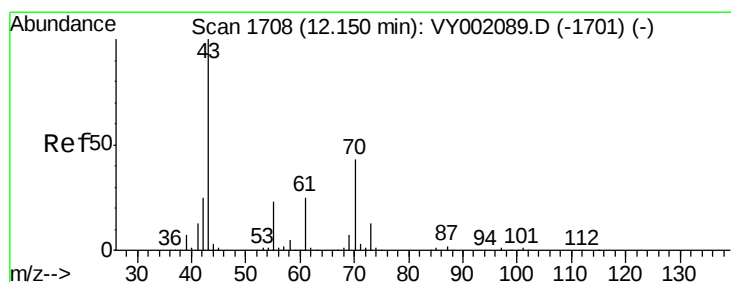
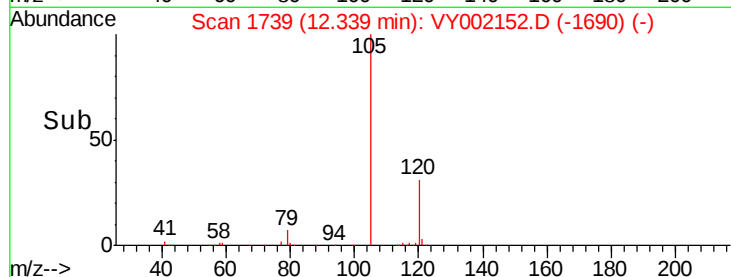
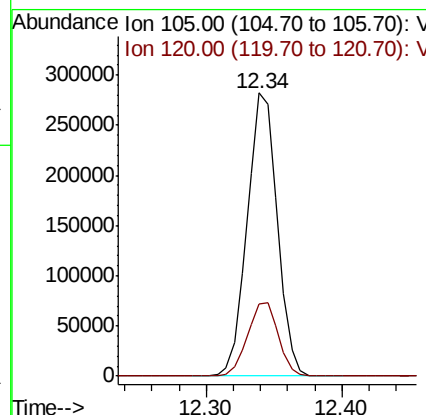
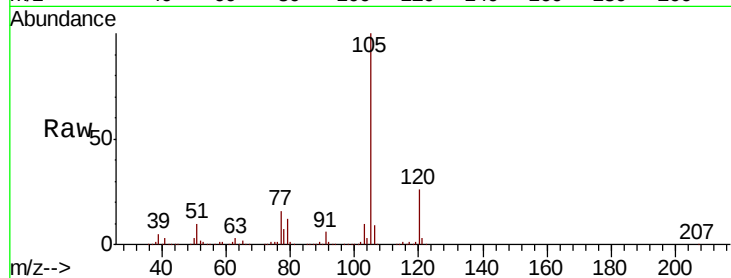




#73
Isopropylbenzene
Concen: 50.086 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

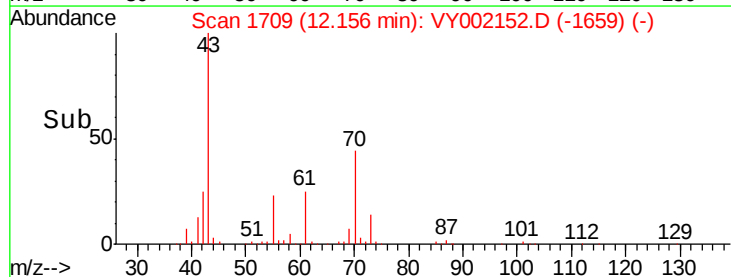
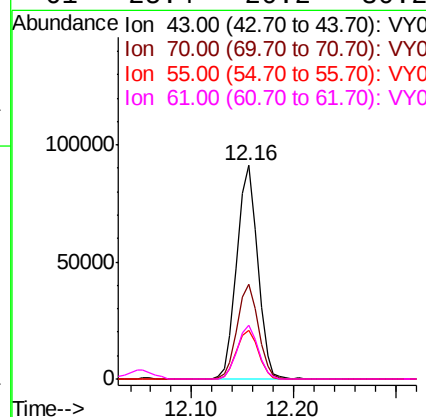
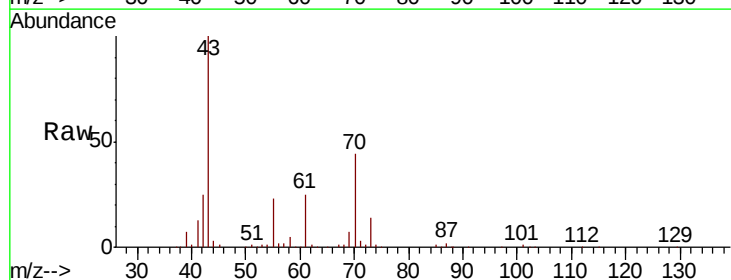
Instrument :
MSVOA_Y
ClientSampleId :

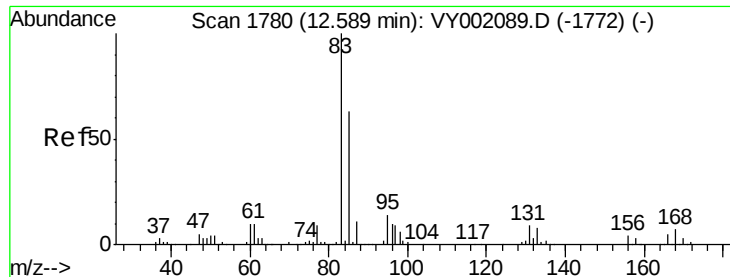
Tot Ion:105 Resp: 437378
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8



#74
N-ethyl acetate
Concen: 46.721 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 43 Resp: 128679
Ion Ratio Lower Upper
43 100
70 44.9 35.0 52.4
55 23.9 18.7 28.1
61 25.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.863 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

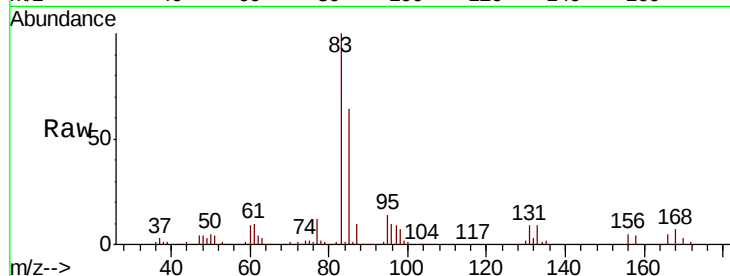
Tot Ion: 83 Resp: 91819

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

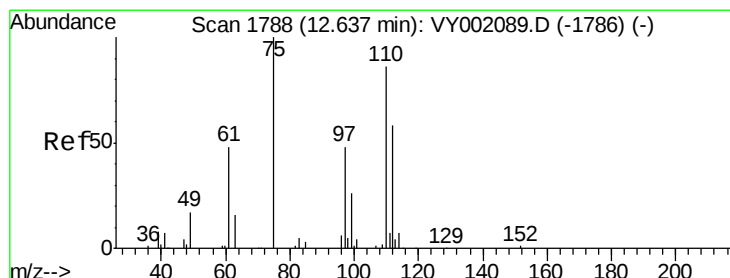
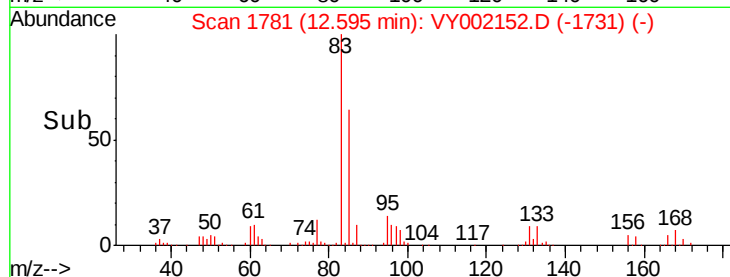
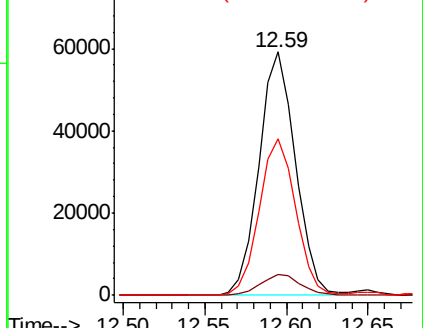
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VY002152.D (-1731) (-)

Ion 130.80 (130.50 to 131.50): VY002152.D (-1731) (-)

Ion 84.90 (84.60 to 85.60): VY002152.D (-1731) (-)



#76

1,2,3-Trichloropropane

Concen: 91.044 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002152.D

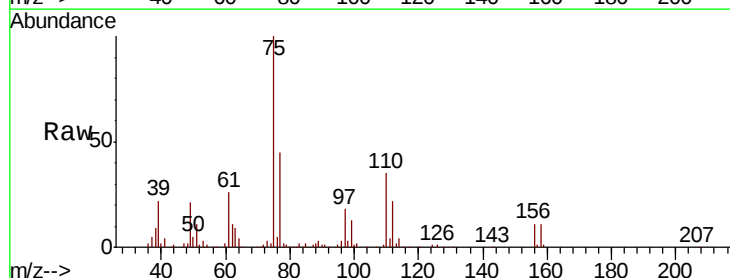
Acq: 01 Apr 2020 10:46

Tgt Ion: 75 Resp: 119887

Ion Ratio Lower Upper

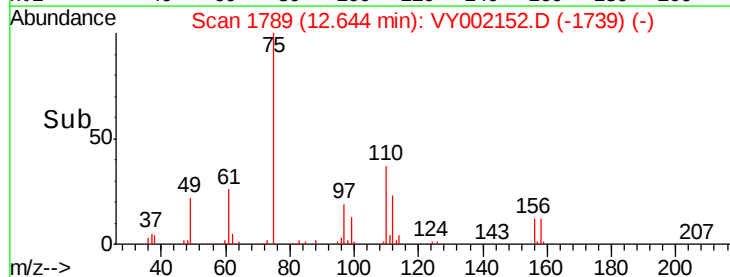
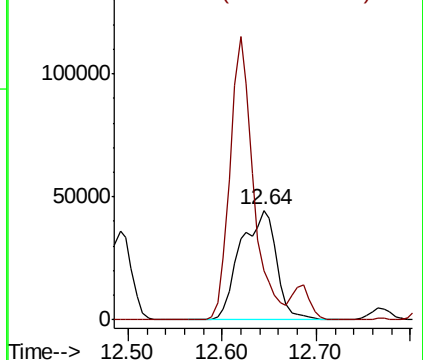
75 100

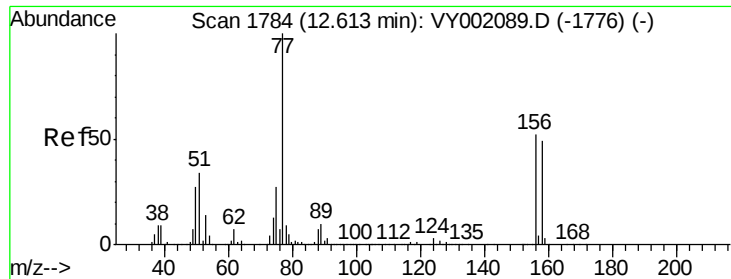
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002152.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY002152.D (-1739) (-)





#77

Bromobenzene

Concen: 49.890 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

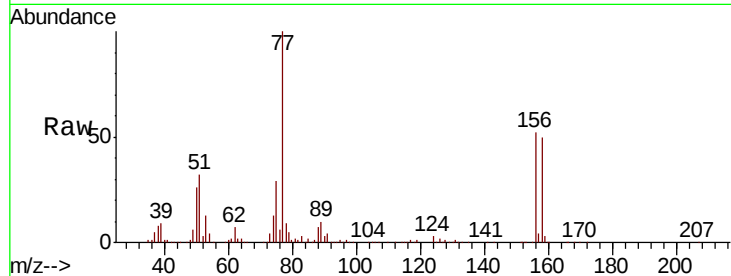
Tot Ion:156 Resp: 93003

Ion Ratio Lower Upper

156 100

77 215.1 107.8 323.6

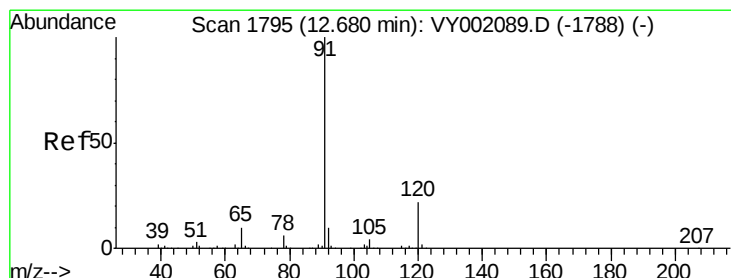
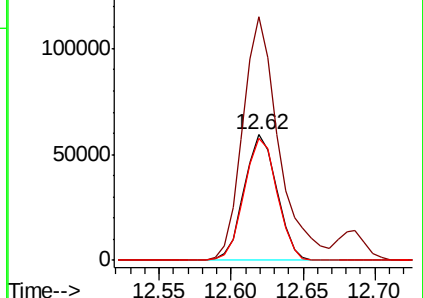
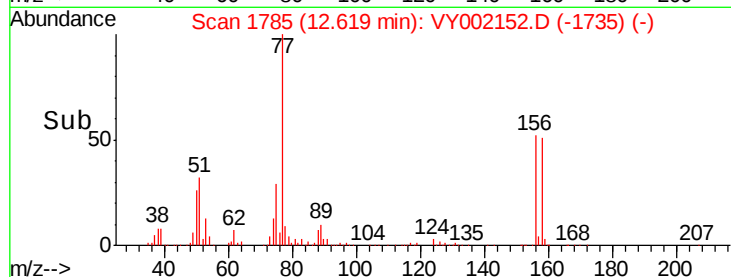
158 97.8 47.5 142.6



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: 50.456 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002152.D

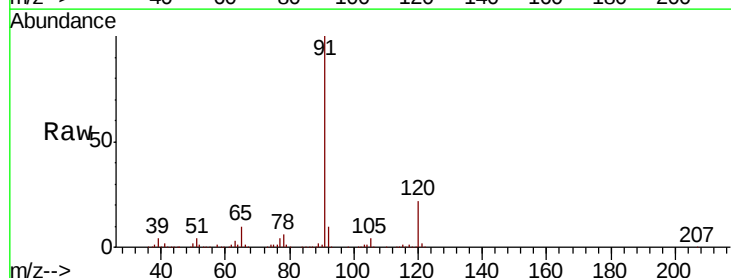
Acq: 01 Apr 2020 10:46

Tgt Ion: 91 Resp: 546781

Ion Ratio Lower Upper

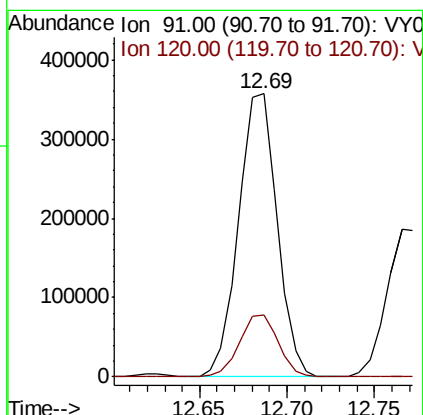
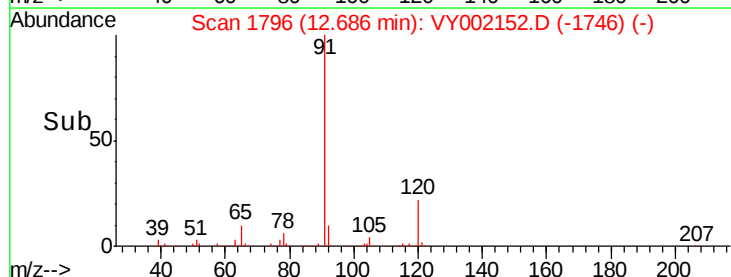
91 100

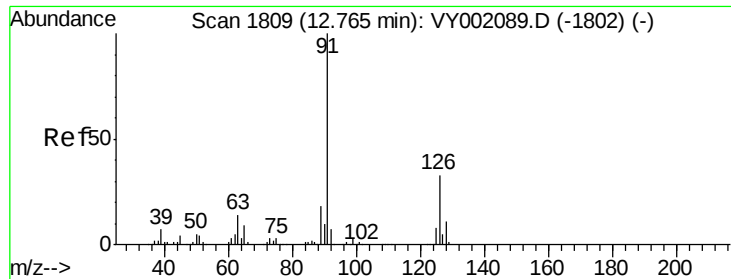
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

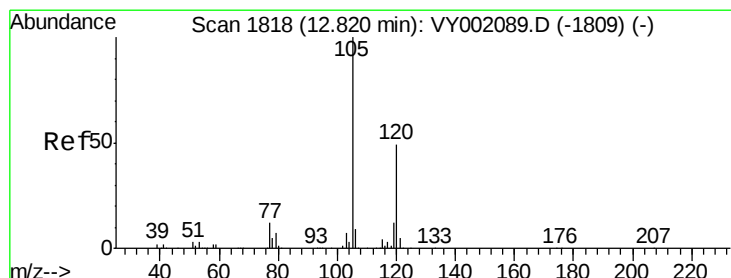
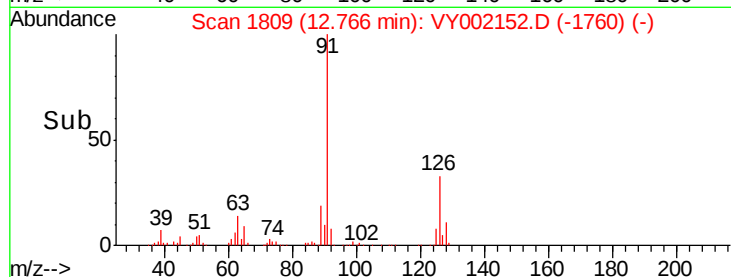
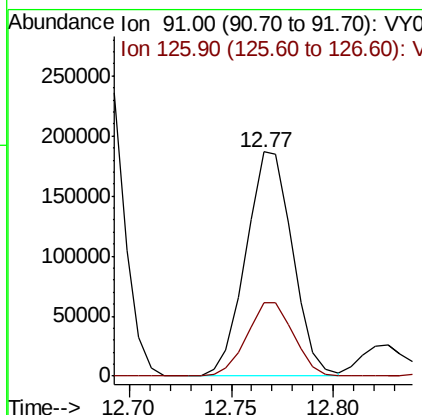
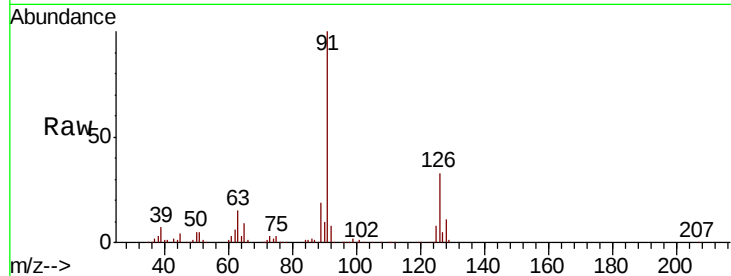




#79
 2-Chlorotoluene
 Concen: 49.969 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

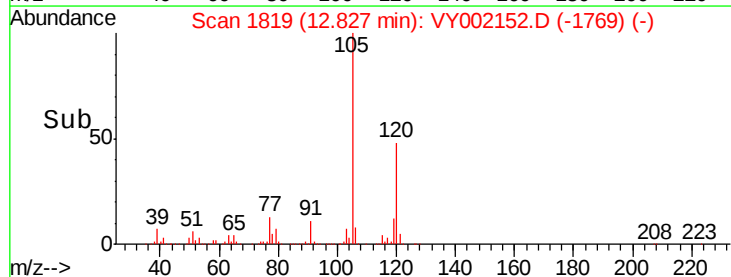
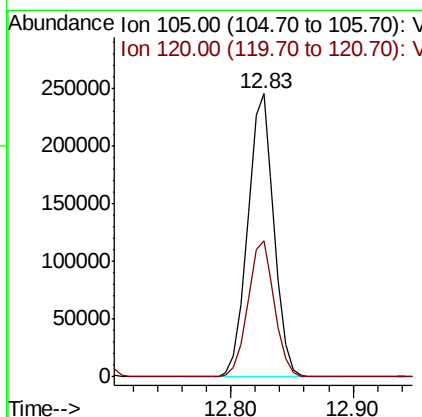
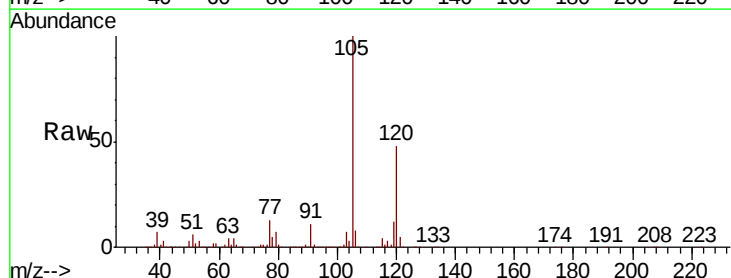
Instrument :
 MSVOA_Y
 ClientSampleId :

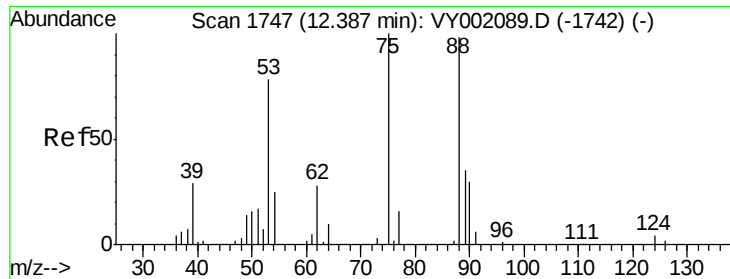
Tot Ion: 91 Resp: 297316
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.400 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 105 Resp: 363117
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.693 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

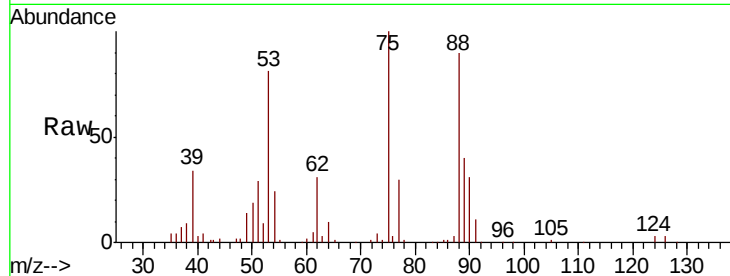
Tot Ion: 75 Resp: 33776

Ion Ratio Lower Upper

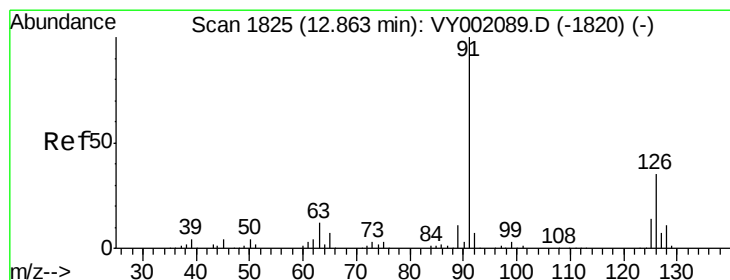
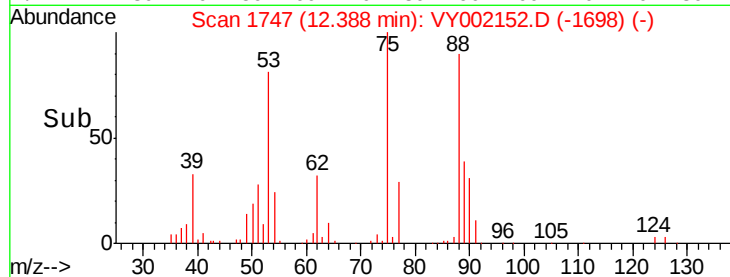
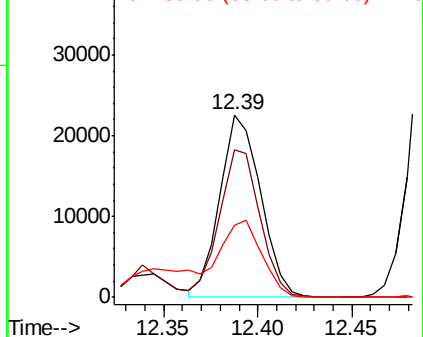
75 100

53 81.7 65.0 97.4

89 43.5 33.4 50.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 49.610 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002152.D

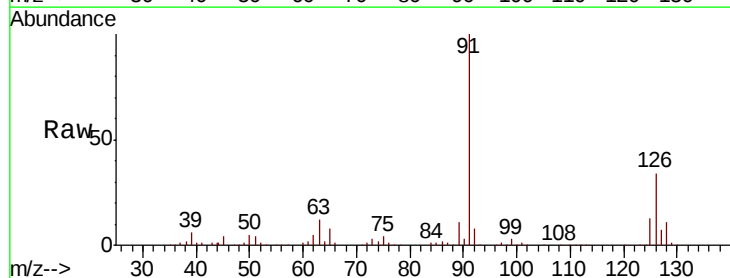
Acq: 01 Apr 2020 10:46

Tgt Ion: 91 Resp: 311057

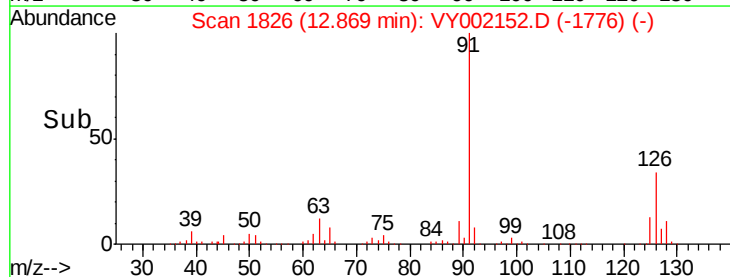
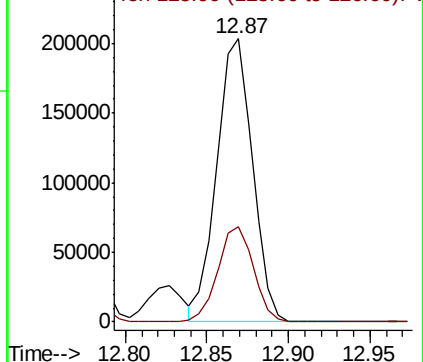
Ion Ratio Lower Upper

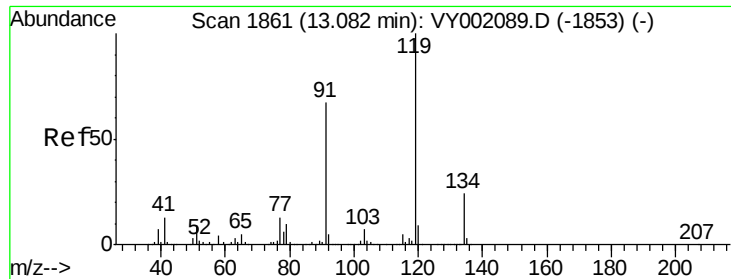
91 100

126 33.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

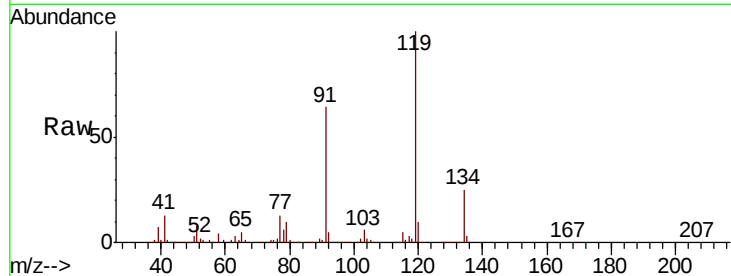




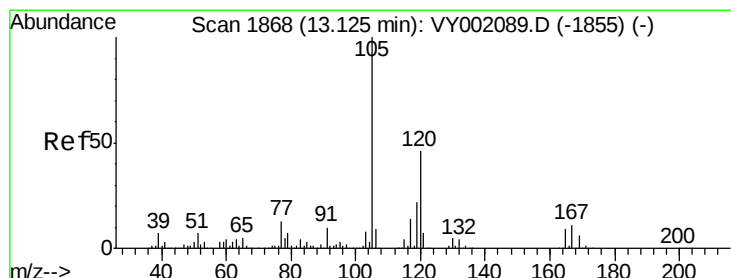
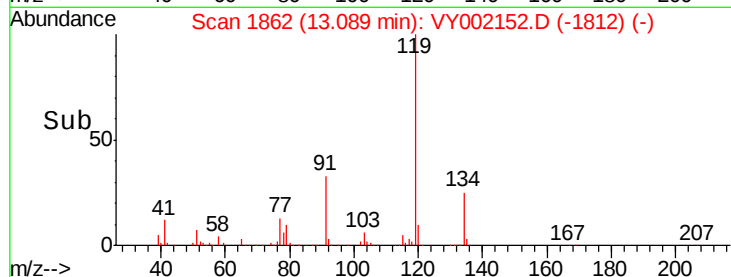
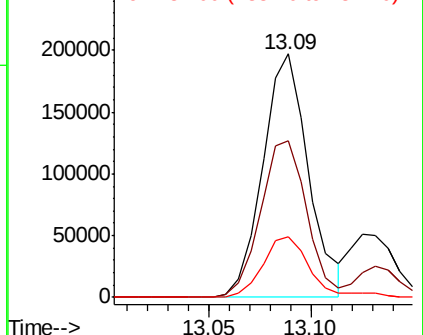
#83
tert-Butylbenzene
Concen: 51.108 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 307354
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 26.2 13.0 38.9

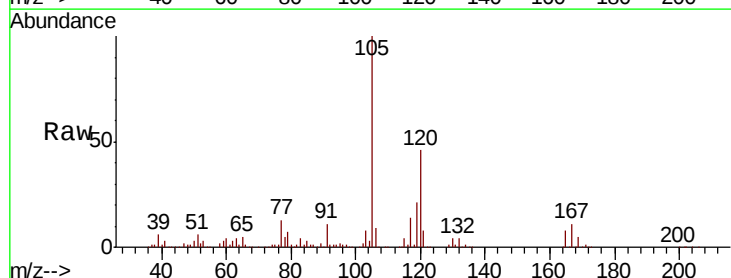


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

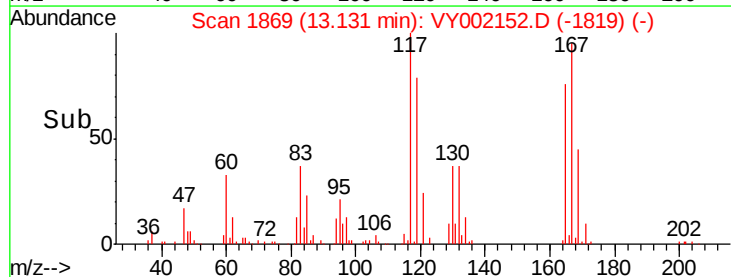
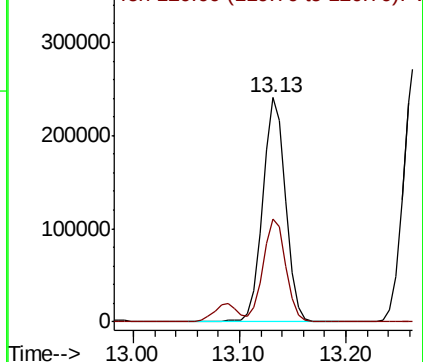


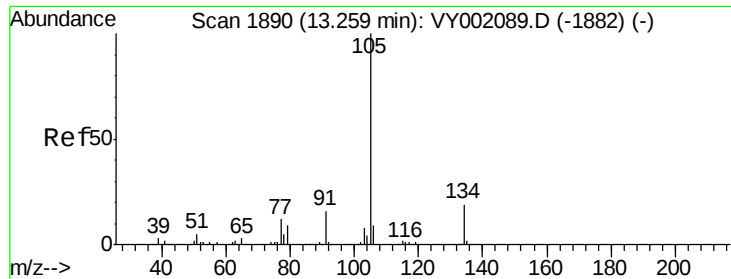
#84
1,2,4-Trimethylbenzene
Concen: 50.146 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion:105 Resp: 360462
Ion Ratio Lower Upper
105 100
120 45.5 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: 50.234 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

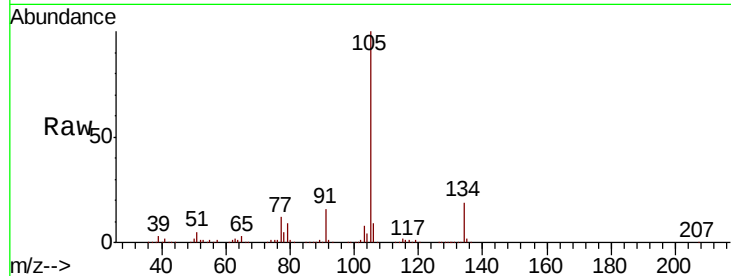
ClientSampleId :

Tot Ion:105 Resp: 447454

Ion Ratio Lower Upper

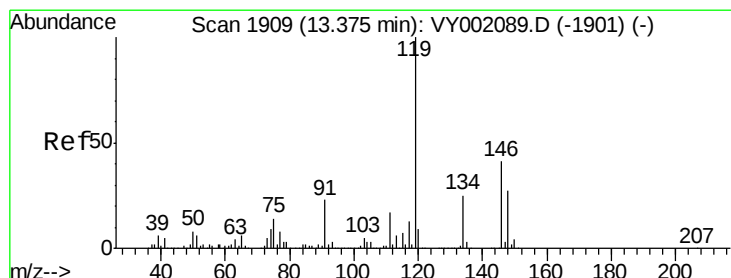
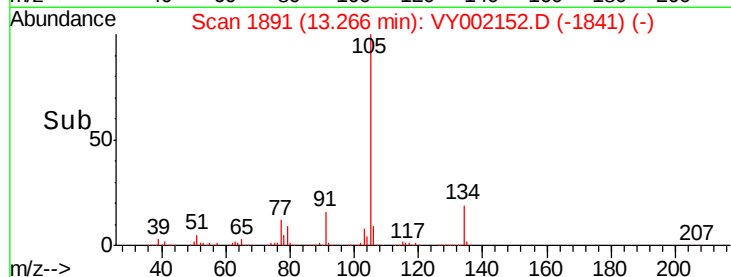
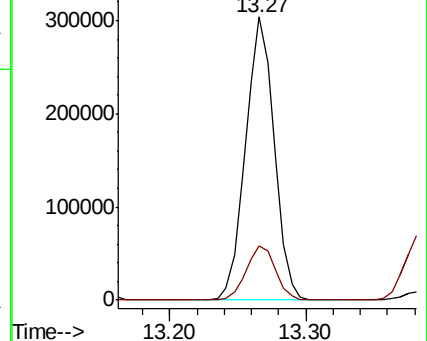
105 100

134 19.7 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.774 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

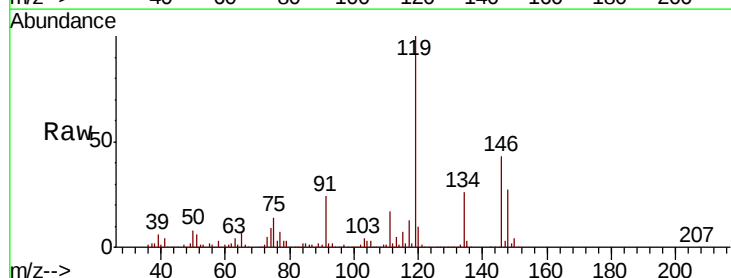
Tgt Ion:119 Resp: 388382

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

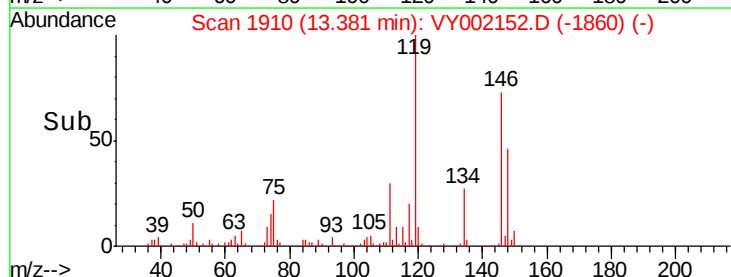
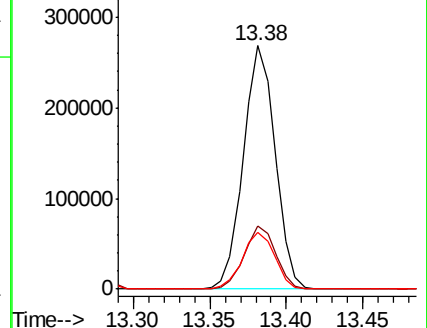
91 23.7 11.8 35.3

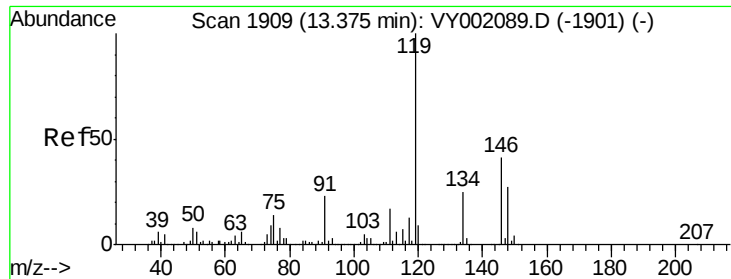


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 49.407 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

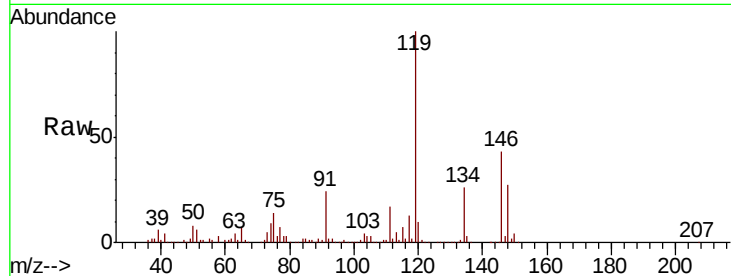
Tot Ion:146 Resp: 180179

Ion Ratio Lower Upper

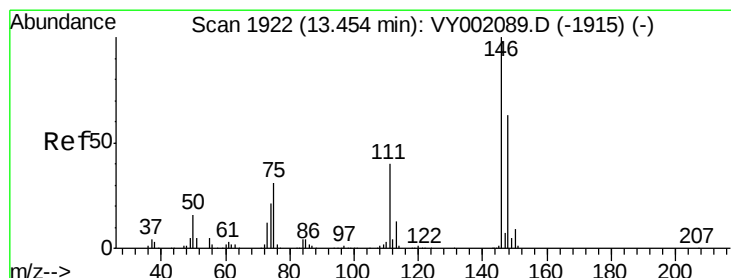
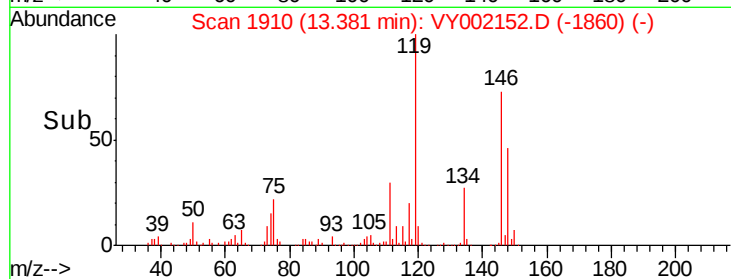
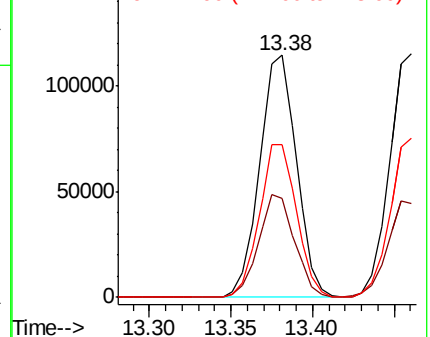
146 100

111 41.5 20.9 62.8

148 63.6 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.386 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

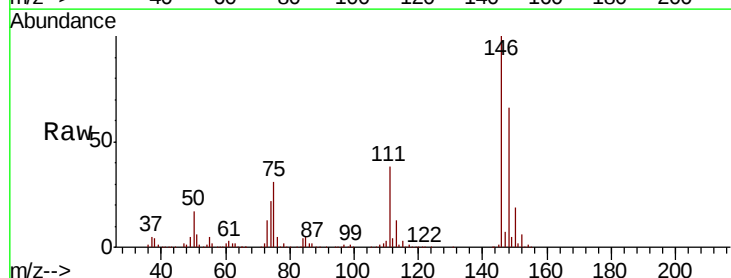
Tgt Ion:146 Resp: 181235

Ion Ratio Lower Upper

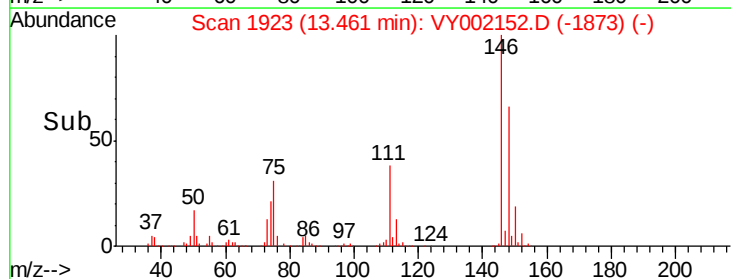
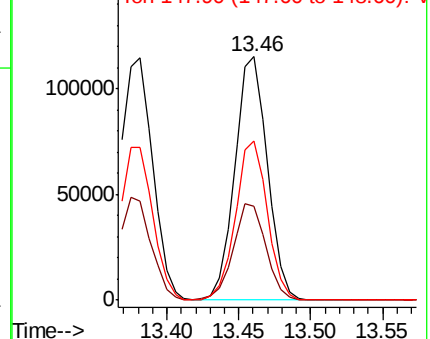
146 100

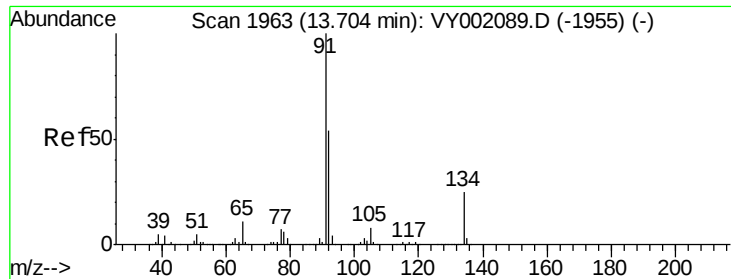
111 39.9 20.3 60.9

148 64.0 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

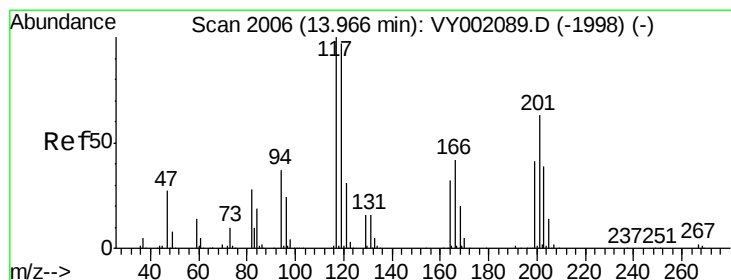
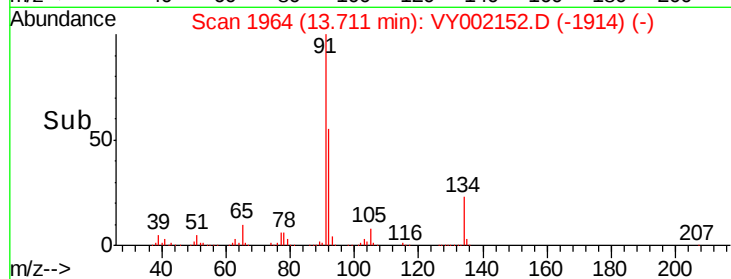
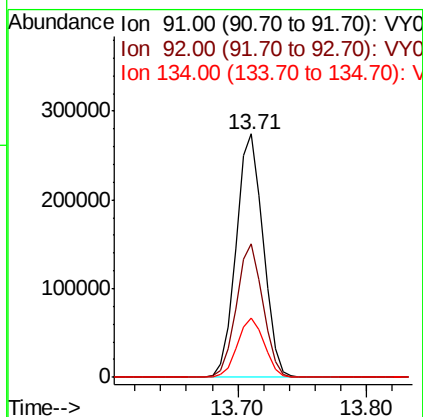
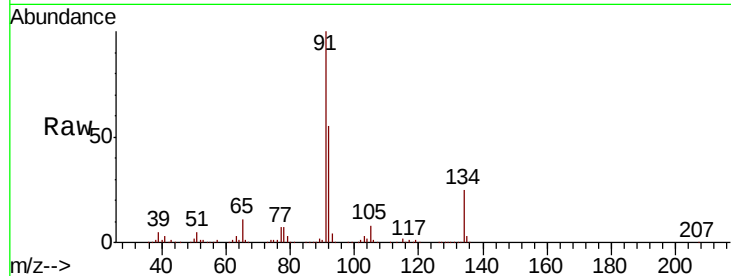




#89
n-Butylbenzene
Concen: 49.913 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

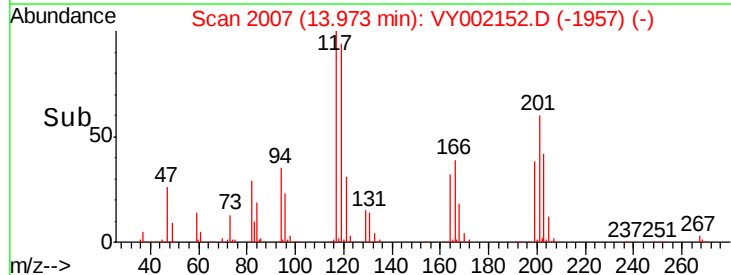
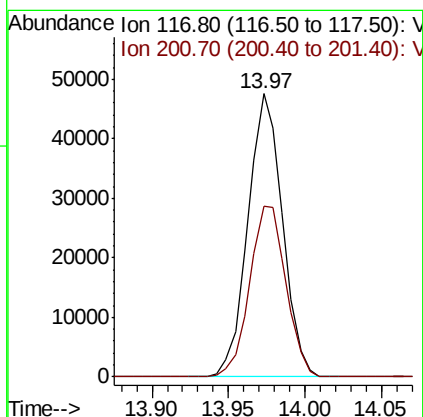
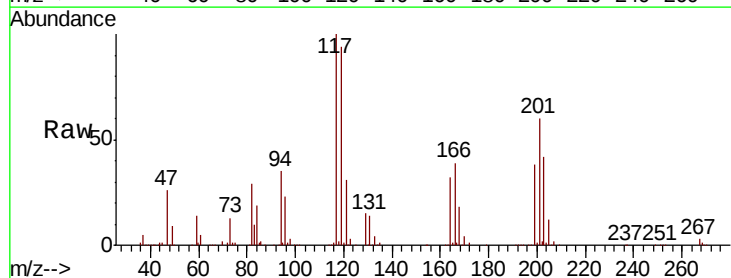
Instrument :
MSVOA_Y
ClientSampleId :

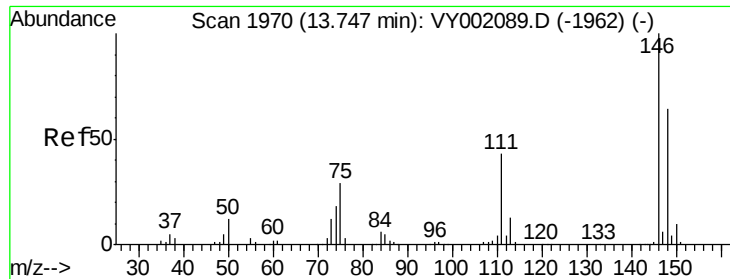
Tot Ion: 91 Resp: 397805
Ion Ratio Lower Upper
91 100
92 53.9 27.0 81.0
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 51.909 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002152.D
Acq: 01 Apr 2020 10:46

Tgt Ion: 117 Resp: 74820
Ion Ratio Lower Upper
117 100
201 63.1 31.6 94.8

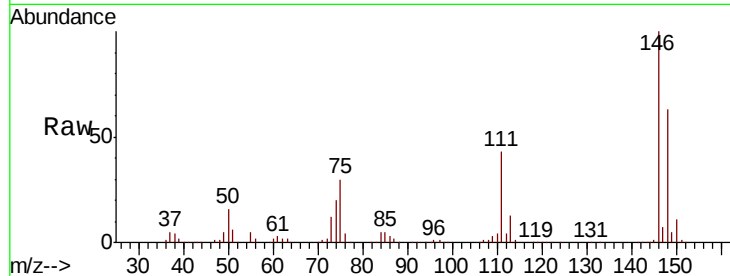




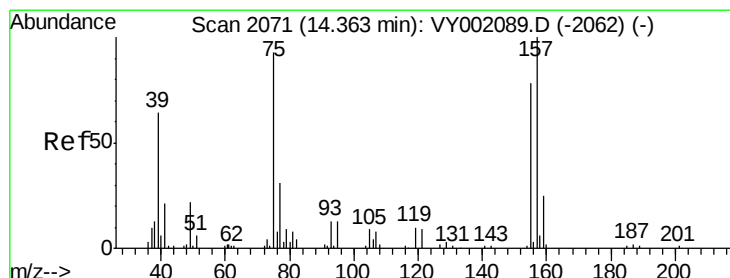
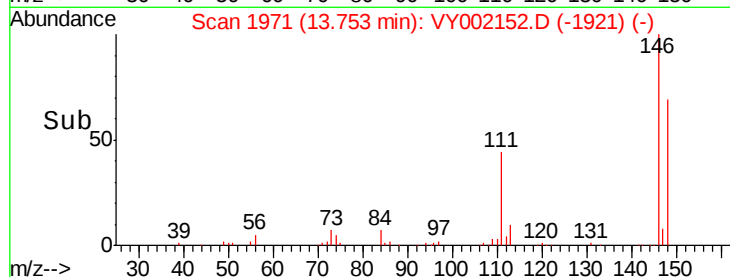
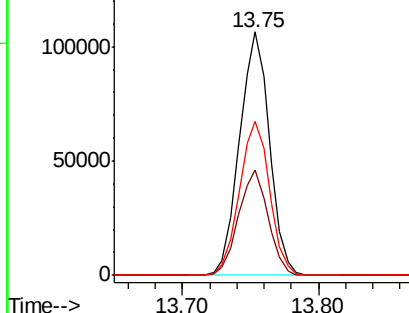
#91
 1,2-Dichlorobenzene
 Concen: 48.509 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:146 Resp: 163366
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.7
 148 63.9 31.8 95.4

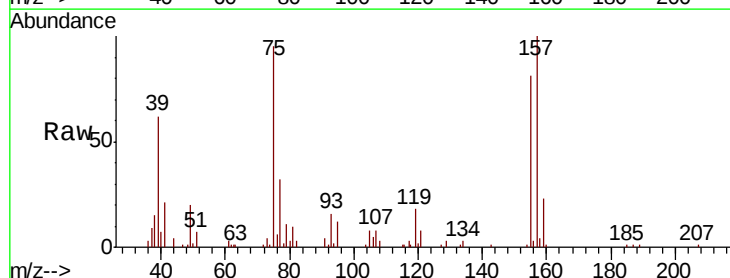


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

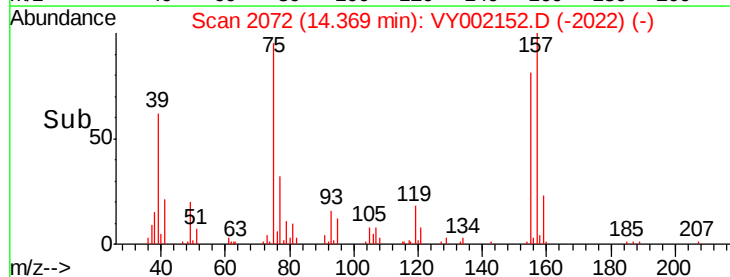
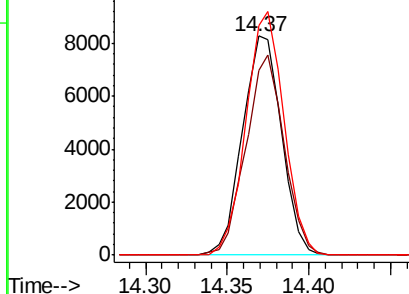


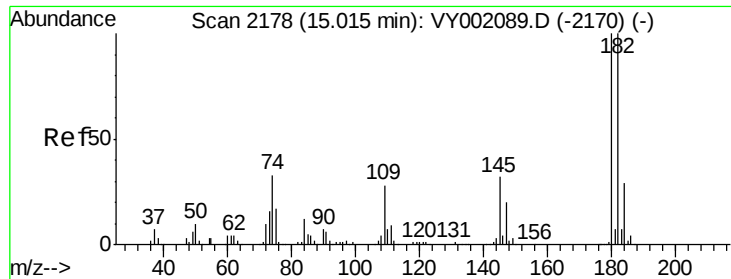
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.657 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion: 75 Resp: 13743
 Ion Ratio Lower Upper
 75 100
 155 89.4 41.6 124.9
 157 108.1 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

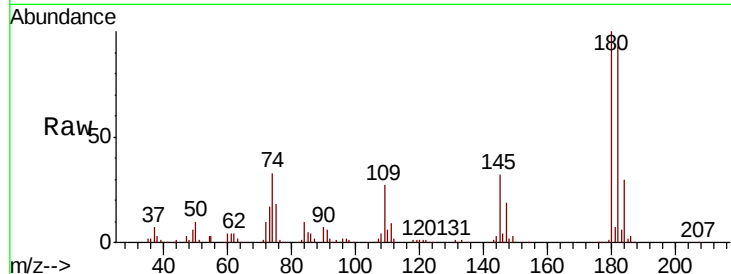




#93
 1,2,4-Trichlorobenzene
 Concen: 48.237 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.1	144.3
145	31.7	15.9	47.6

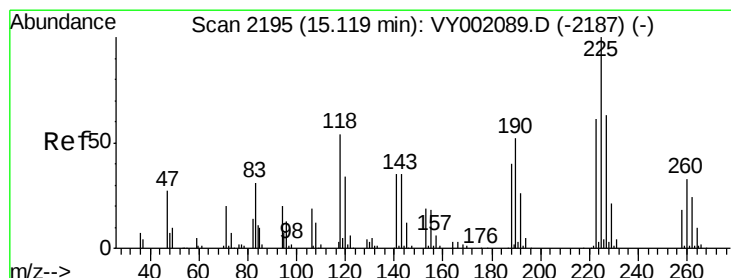
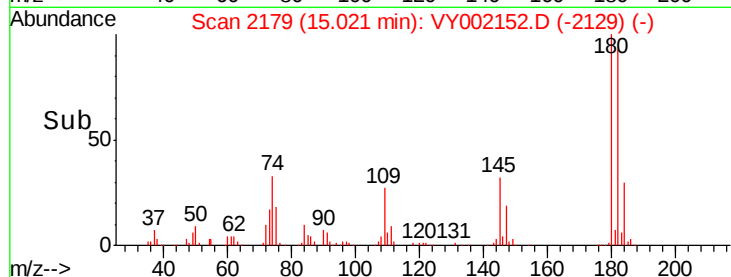
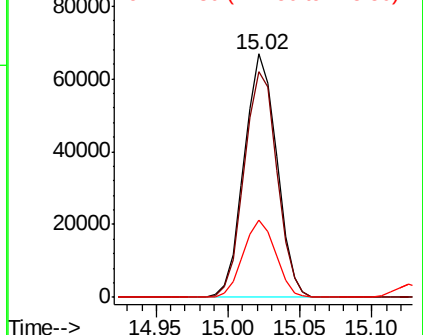


Abundance

Ion 179.80 (179.50 to 180.50): V

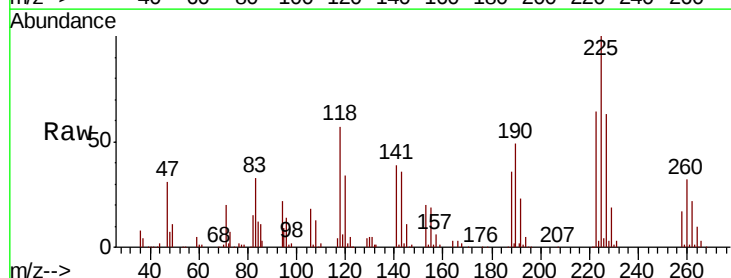
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.123 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002152.D
 Acq: 01 Apr 2020 10:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.3
227	63.1	31.6	94.7

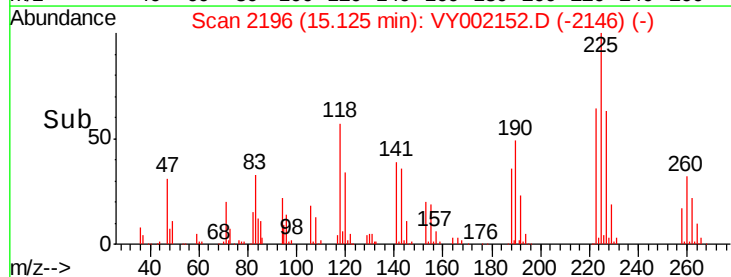
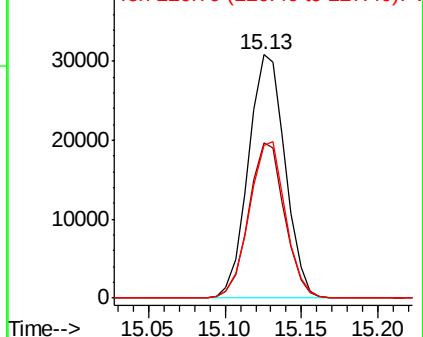


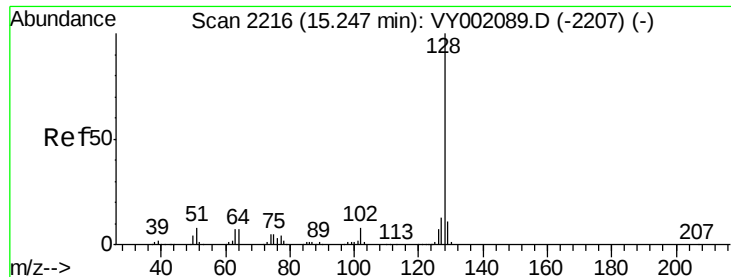
Abundance

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: 46.369 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

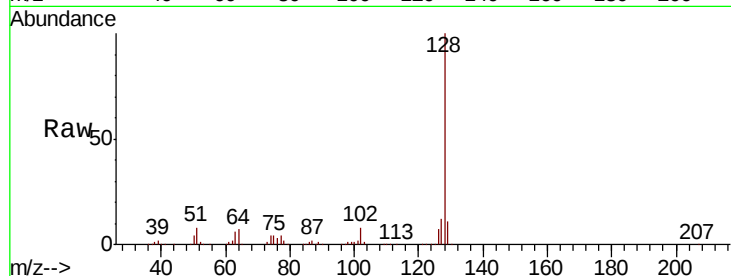
Tot Ion:128 Resp: 239063

Ion Ratio Lower Upper

128 100

127 12.7 9.8 14.8

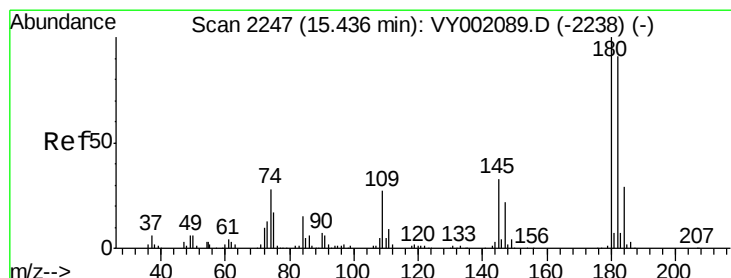
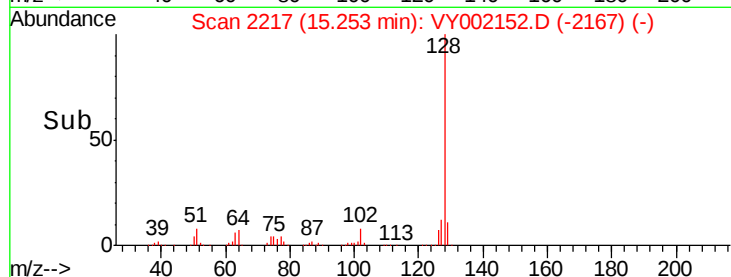
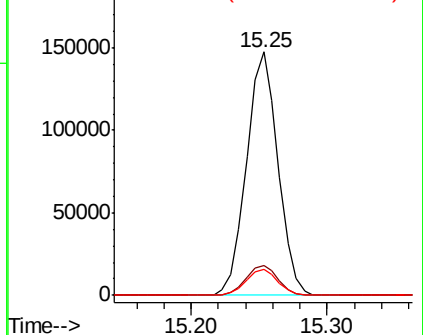
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.777 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY002152.D

Acq: 01 Apr 2020 10:46

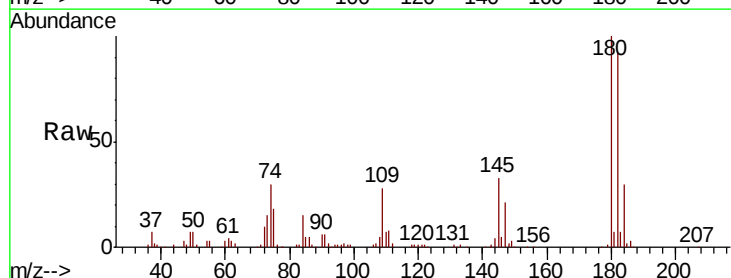
Tgt Ion:180 Resp: 92077

Ion Ratio Lower Upper

180 100

182 93.7 46.8 140.3

145 33.3 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

