

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003562.D
 Acq On : 20 Nov 2020 12:02
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:37:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	256512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	228444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	243480	137.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	274.10%#
35) Dibromofluoromethane	7.72	113	233866	138.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	277.40%#
50) Toluene-d8	10.18	98	893069	136.21	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	272.42%#
62) 4-Bromofluorobenzene	12.48	95	294929	141.74	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	283.48%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	81660	161.941	ug/l 99
3) Chloromethane	2.12	50	163300	137.579	ug/l 100
4) Vinyl Chloride	2.26	62	216843	141.215	ug/l 100
5) Bromomethane	2.66	94	172076	133.970	ug/l 94
6) Chloroethane	2.80	64	160306	148.866	ug/l 93
7) Trichlorofluoromethane	3.13	101	198366	146.445	ug/l 96
8) Diethyl Ether	3.53	74	135225	137.633	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	213478	137.302	ug/l 100
10) Methyl Iodide	4.09	142	364027	135.687	ug/l 99
11) Tert butyl alcohol	5.03	59	89076	526.289	ug/l # 100
12) 1,1-Dichloroethene	3.87	96	234781	139.362	ug/l 98
13) Acrolein	3.74	56	120496	710.845	ug/l 99
14) Allyl chloride	4.48	41	405136	143.454	ug/l 99
15) Acrylonitrile	5.18	53	319048	690.216	ug/l 99
16) Acetone	3.97	43	418739	705.907	ug/l 100
17) Carbon Disulfide	4.20	76	650272	134.087	ug/l 100
18) Methyl Acetate	4.49	43	172324	133.538	ug/l 99
19) Methyl tert-butyl Ether	5.23	73	343433	137.344	ug/l 99
20) Methylene Chloride	4.72	84	252049	111.883	ug/l 95
21) trans-1,2-Dichloroethene	5.22	96	256495	136.170	ug/l 95
22) Diisopropyl ether	6.13	45	720568	148.852	ug/l 97
23) Vinyl Acetate	6.07	43	2782294	739.437	ug/l 100
24) 1,1-Dichloroethane	6.02	63	449061	139.371	ug/l 99
25) 2-Butanone	7.00	43	538478	699.577	ug/l 100
26) 2,2-Dichloropropane	6.99	77	268411	127.391	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	283723	138.936	ug/l 100
28) Bromochloromethane	7.34	49	223618	141.777	ug/l 100
29) Tetrahydrofuran	7.36	42	280547	695.738	ug/l 99
30) Chloroform	7.51	83	443893	138.056	ug/l 96
31) Cyclohexane	7.79	56	346686	134.981	ug/l 98
32) 1,1,1-Trichloroethane	7.71	97	351686	141.545	ug/l 100
36) 1,1-Dichloropropene	7.93	75	350602	138.833	ug/l 98
37) Ethyl Acetate	7.08	43	216279	142.121	ug/l 98
38) Carbon Tetrachloride	7.91	117	340280	145.459	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	387564	151.015	ug/l	99
40) Benzene	8.16	78	1017582	135.929	ug/l	98
41) Methacrylonitrile	7.32	41	140797	188.163	ug/l	90
42) 1,2-Dichloroethane	8.24	62	293757	137.939	ug/l	99
43) Isopropyl Acetate	8.28	43	402863	144.172	ug/l	99
44) Trichloroethene	8.94	130	277741	136.158	ug/l	99
45) 1,2-Dichloropropane	9.22	63	255369	137.614	ug/l	99
46) Dibromomethane	9.31	93	143383	135.678	ug/l	99
47) Bromodichloromethane	9.50	83	351980	140.224	ug/l	100
48) Methyl methacrylate	9.29	41	192054	143.581	ug/l	98
49) 1,4-Dioxane	9.33	88	35169	2904.499	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	982522	733.647	ug/l	100
52) Toluene	10.24	92	637712	139.128	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	378571	144.099	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	422788	141.393	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	203281	135.619	ug/l	95
56) Ethyl methacrylate	10.51	69	283843	155.825	ug/l	99
57) 1,3-Dichloropropane	10.79	76	355521	140.134	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	695949	744.496	ug/l	100
59) 2-Hexanone	10.83	43	799247	723.951	ug/l	99
60) Dibromochloromethane	10.99	129	254369	140.353	ug/l	99
61) 1,2-Dibromoethane	11.09	107	198735	137.584	ug/l	100
64) Tetrachloroethene	10.72	164	231573	135.710	ug/l	96
65) Chlorobenzene	11.52	112	682890	138.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	200768	141.564	ug/l	99
67) Ethyl Benzene	11.59	91	1175336	145.125	ug/l	99
68) m/p-Xylenes	11.70	106	885652	285.585	ug/l	97
69) o-Xylene	12.03	106	362436	146.106	ug/l	100
70) Styrene	12.04	104	733558	146.721	ug/l	99
71) Bromoform	12.20	173	161955	141.411	ug/l #	100
73) Isopropylbenzene	12.33	105	804521	147.631	ug/l	100
74) N-amyl acetate	12.14	43	335869	155.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	212207	139.938	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	303486	272.075	ug/l #	100
77) Bromobenzene	12.61	156	281483	140.390	ug/l	98
78) n-propylbenzene	12.67	91	1116683	145.858	ug/l	99
79) 2-Chlorotoluene	12.75	91	629756	142.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	565840	138.148	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	96359	144.422	ug/l	98
82) 4-Chlorotoluene	12.85	91	780745	144.198	ug/l	99
83) tert-Butylbenzene	13.07	119	598354	144.322	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	614574	140.923	ug/l	99
85) sec-Butylbenzene	13.25	105	627557	133.726	ug/l	100
86) p-Isopropyltoluene	13.36	119	561113	133.258	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	506474	138.771	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	514980	137.691	ug/l	99
89) n-Butylbenzene	13.69	91	653374	145.015	ug/l	99
90) Hexachloroethane	13.95	117	152492	136.961	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	400942	137.631	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	27269	138.062	ug/l	98

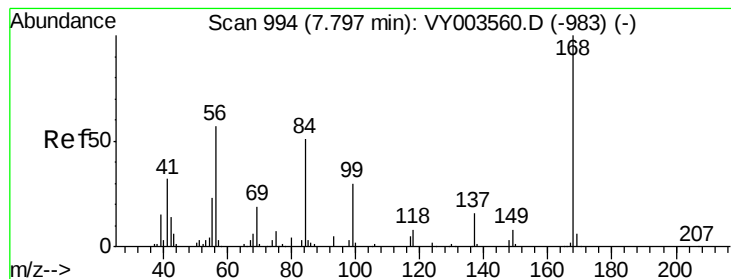
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	244103	149.409	ug/l	100
94) Hexachlorobutadiene	15.11	225	103278	111.207	ug/l	99
95) Naphthalene	15.23	128	428677	153.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	173298	144.294	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

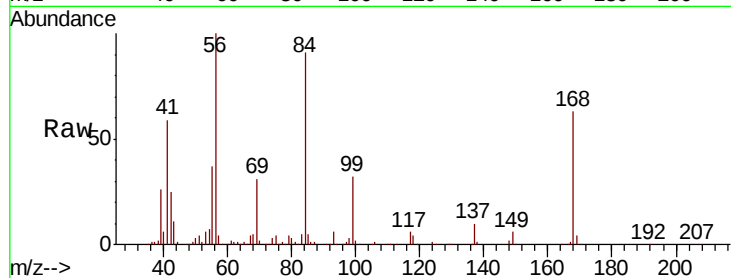
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 171102

Ion Ratio Lower Upper

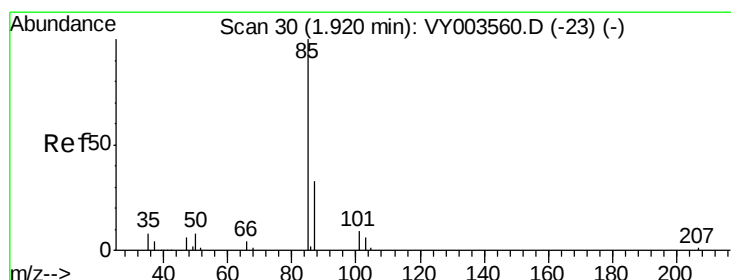
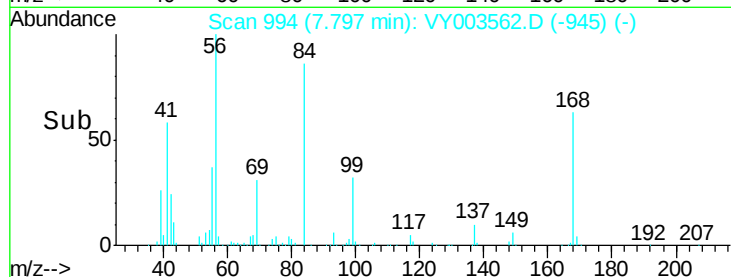
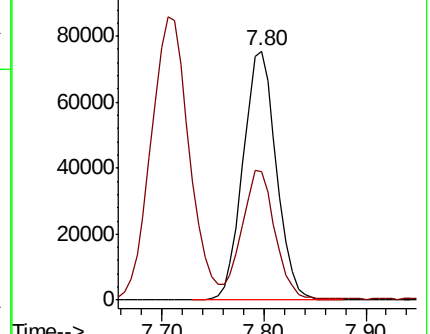
168 100

99 50.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 161.941 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003562.D

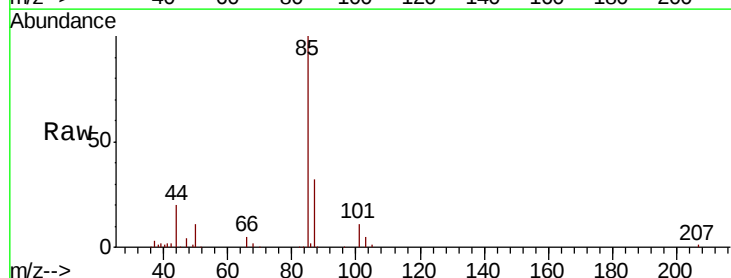
Acq: 20 Nov 2020 12:02

Tgt Ion: 85 Resp: 81660

Ion Ratio Lower Upper

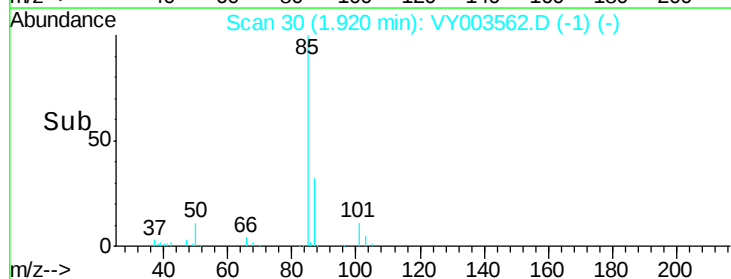
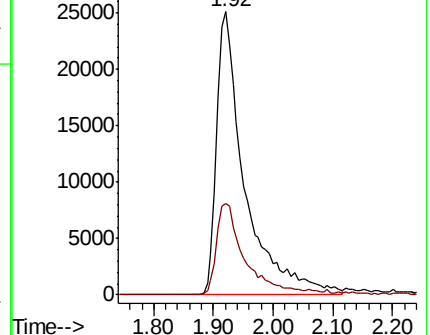
85 100

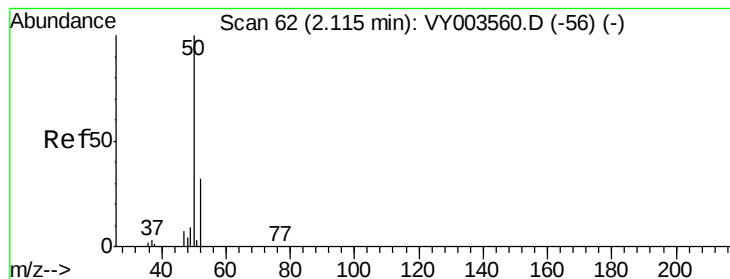
87 32.2 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003560.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY003560.D (-23) (-)





#3

Chloromethane

Concen: 137.579 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

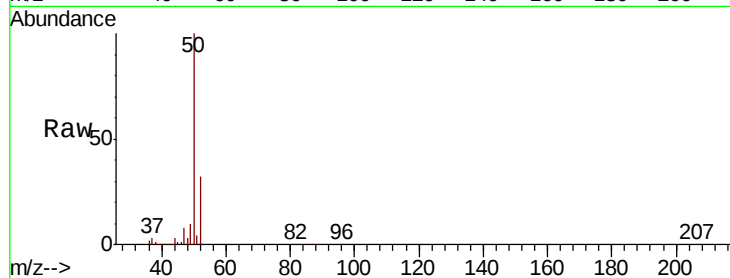
ClientSampleId :

Tot Ion: 50 Resp: 163300

Ion Ratio Lower Upper

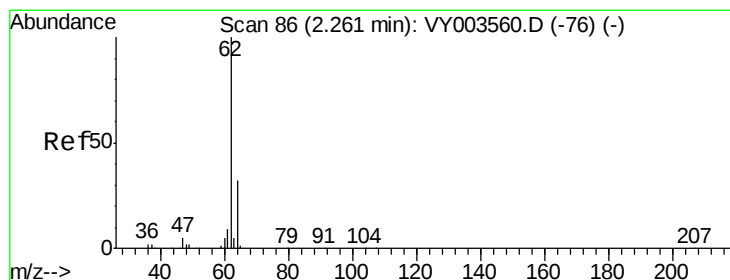
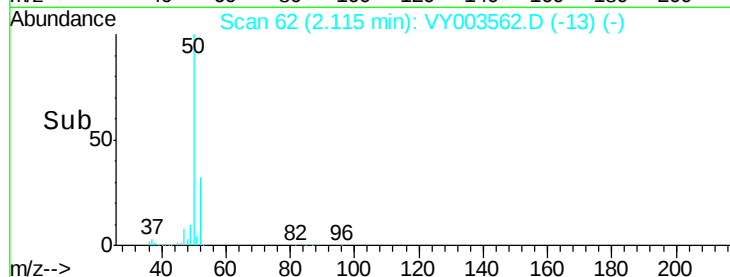
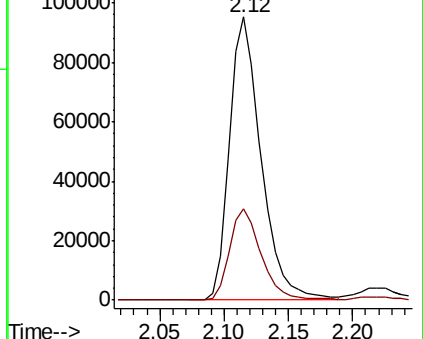
50 100

52 32.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 141.215 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003562.D

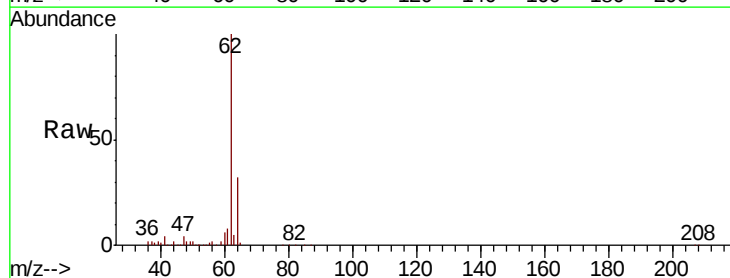
Acq: 20 Nov 2020 12:02

Tgt Ion: 62 Resp: 216843

Ion Ratio Lower Upper

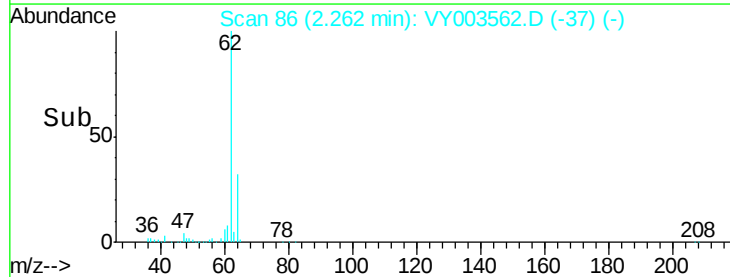
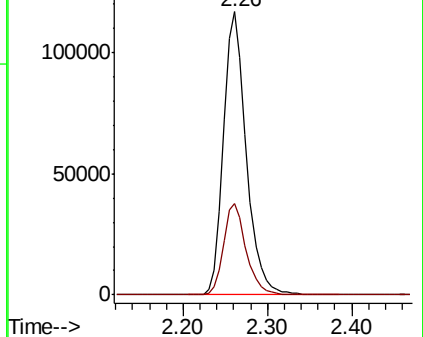
62 100

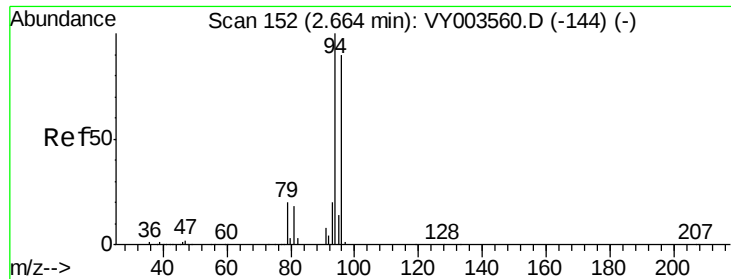
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 133.970 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

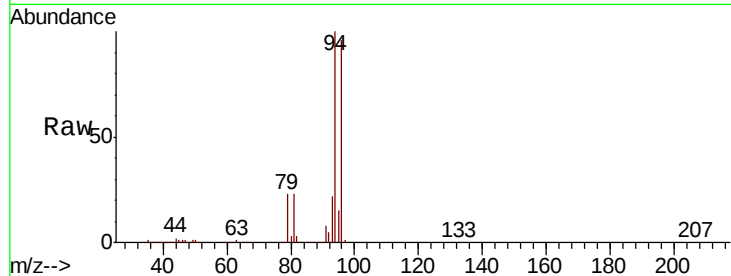
ClientSampleId :

Tot Ion: 94 Resp: 172076

Ion Ratio Lower Upper

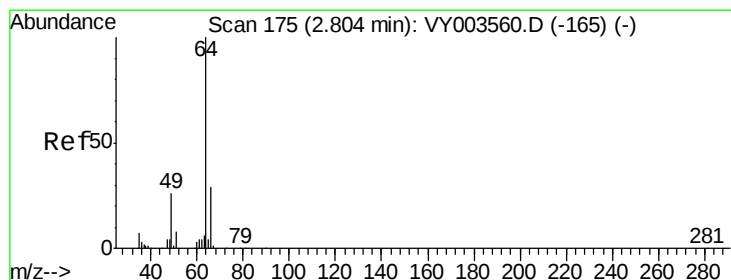
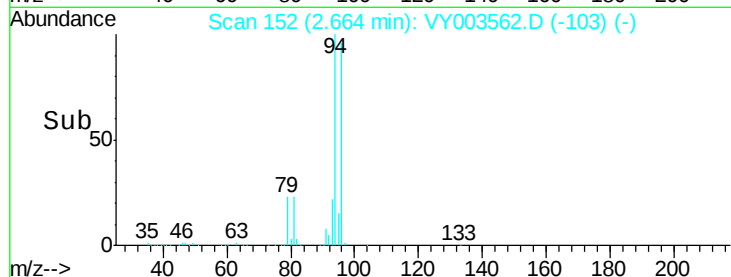
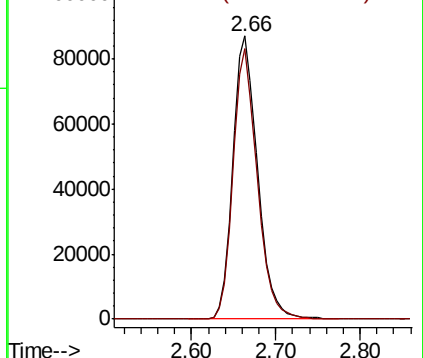
94 100

96 95.7 71.9 107.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 148.866 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003562.D

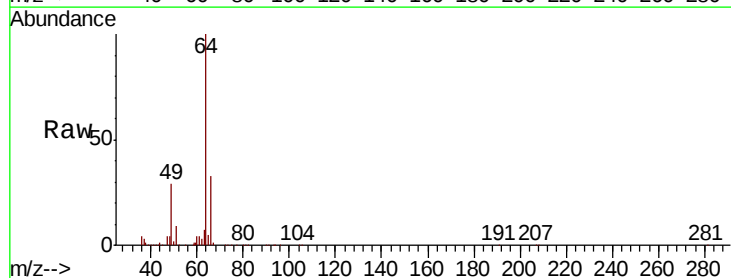
Acq: 20 Nov 2020 12:02

Tgt Ion: 64 Resp: 160306

Ion Ratio Lower Upper

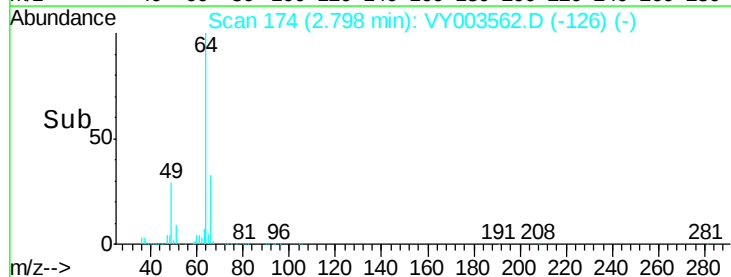
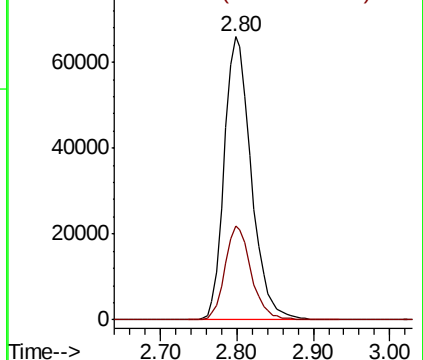
64 100

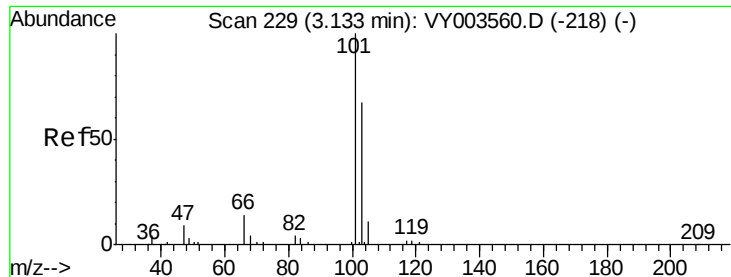
66 33.0 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



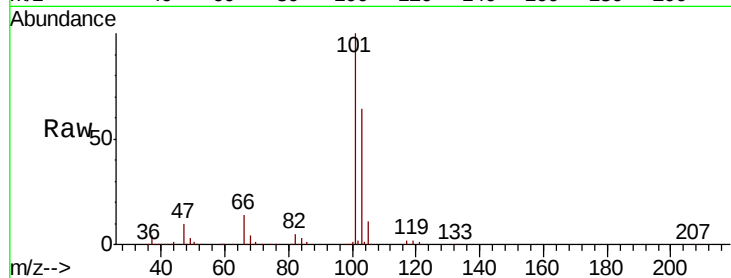


#7

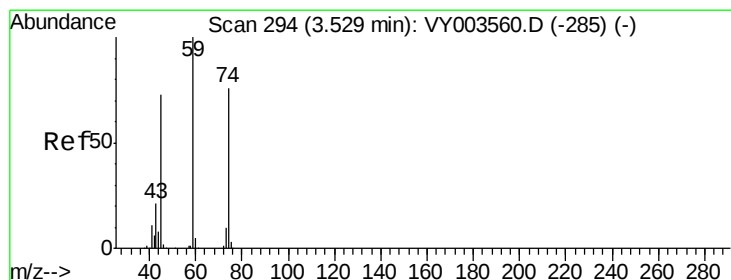
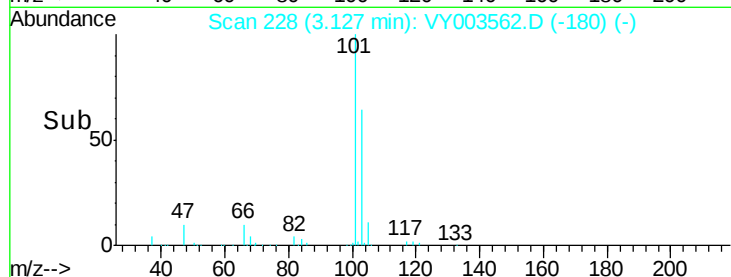
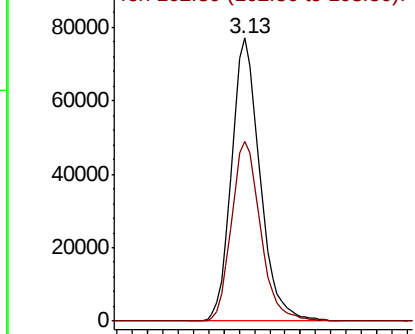
Trichlorofluoromethane
Concen: 146.445 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 198366
Ion Ratio Lower Upper
101 100
103 63.7 53.3 79.9



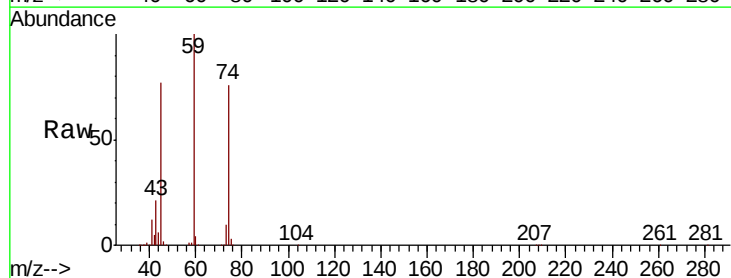
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



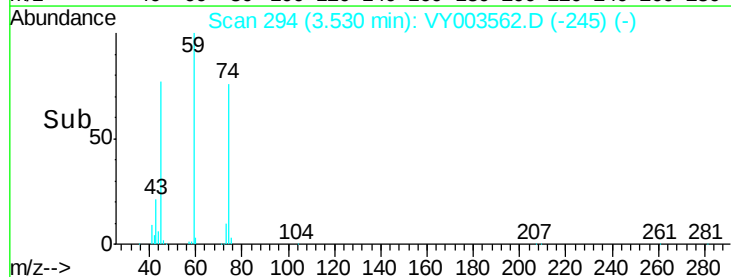
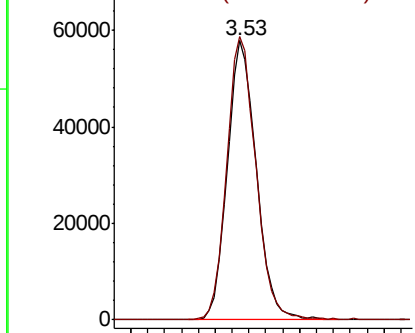
#8

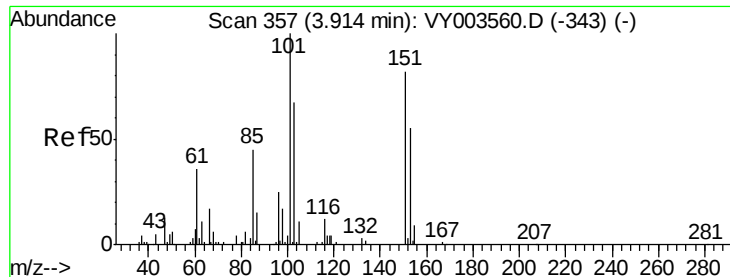
Diethyl Ether
Concen: 137.633 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 74 Resp: 135225
Ion Ratio Lower Upper
74 100
45 102.3 51.0 153.0



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.302 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

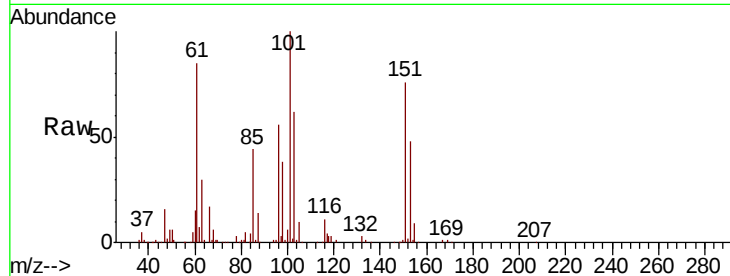
Tot Ion:101 Resp: 213478

Ion Ratio Lower Upper

101 100

85 44.6 35.9 53.9

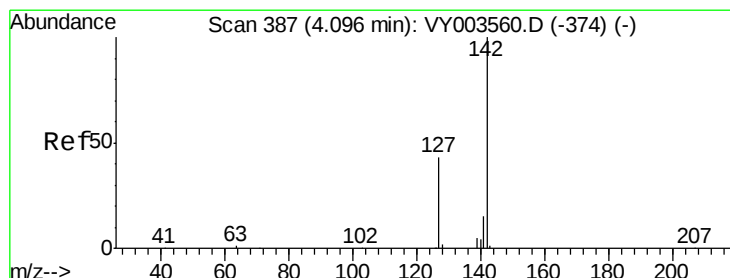
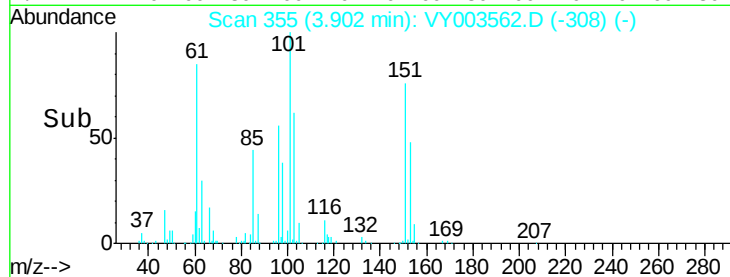
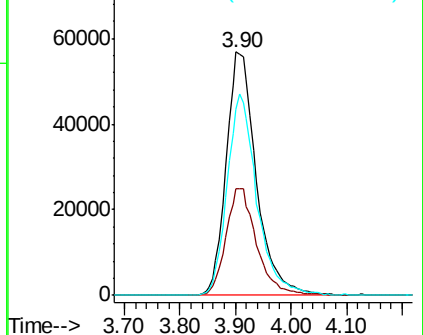
151 81.5 65.4 98.0



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: 135.687 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

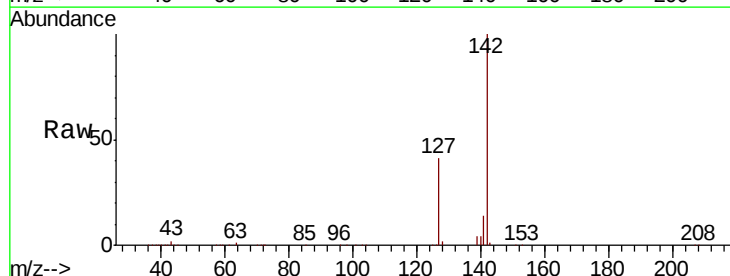
Tgt Ion:142 Resp: 364027

Ion Ratio Lower Upper

142 100

127 41.8 34.2 51.2

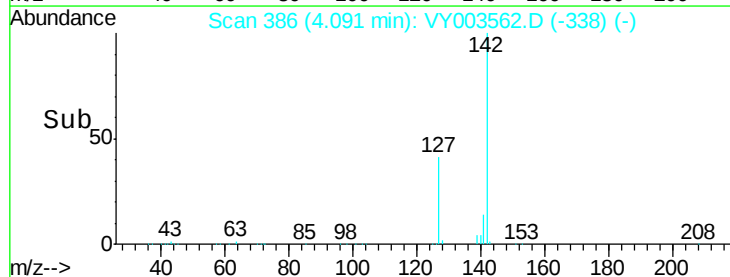
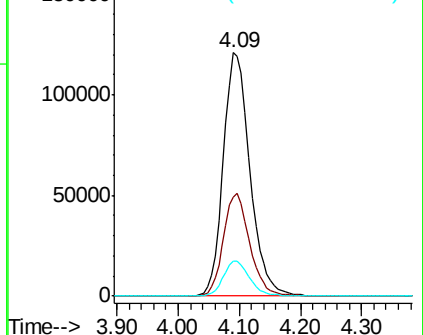
141 14.2 11.5 17.3

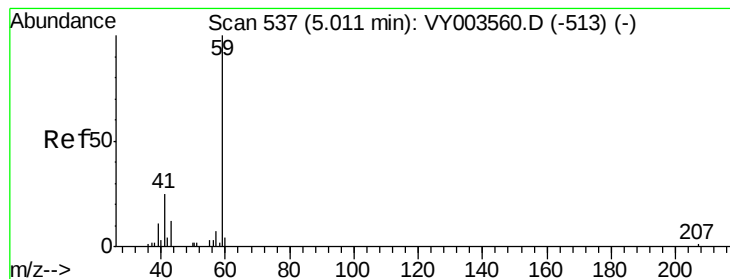


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 526.289 ug/l

RT: 5.03 min Scan# 540

Delta R.T. 0.02 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

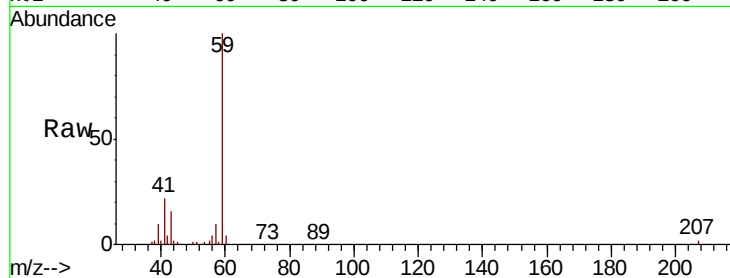
ClientSampleId :

Tot Ion: 59 Resp: 89076

Ion Ratio Lower Upper

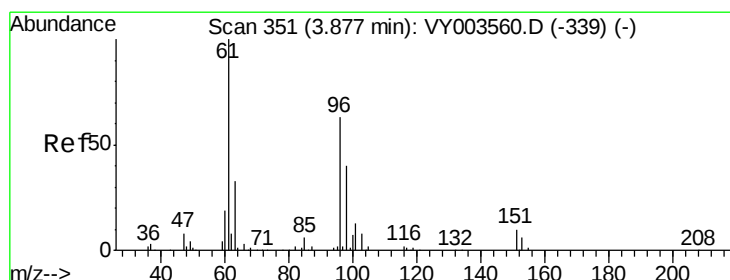
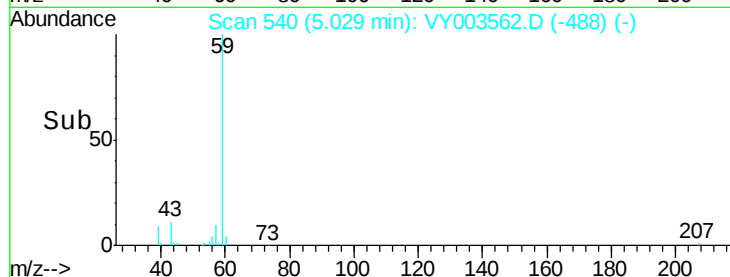
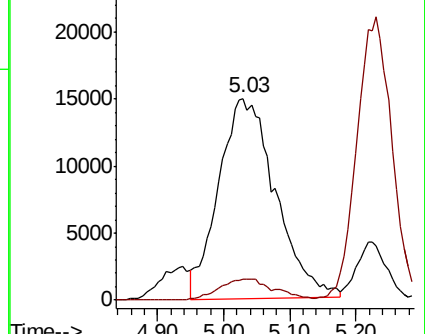
59 100

57 10.4 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0



#12

1,1-Dichloroethene

Concen: 139.362 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

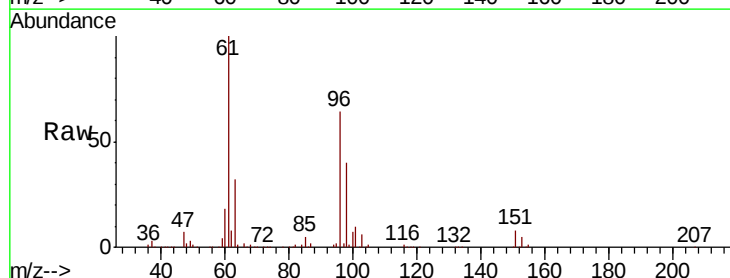
Tgt Ion: 96 Resp: 234781

Ion Ratio Lower Upper

96 100

61 156.2 127.3 190.9

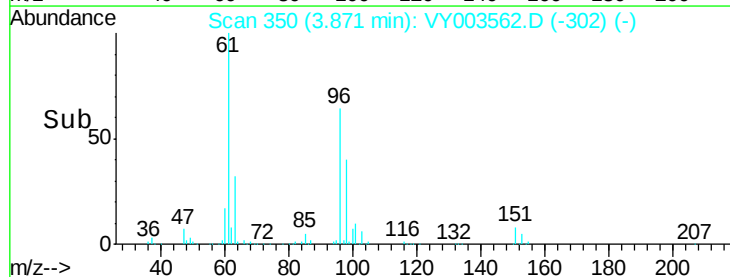
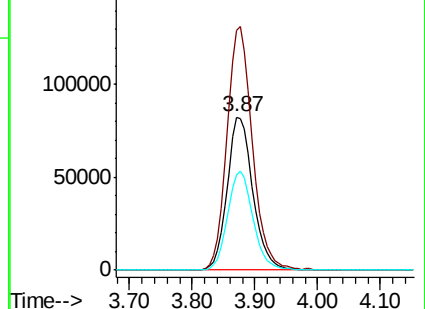
98 62.2 50.6 76.0

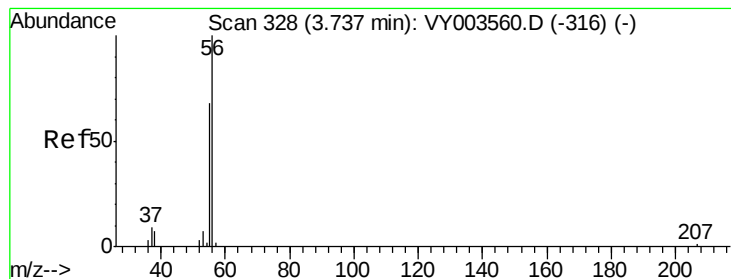


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#13

Acrolein

Concen: 710.845 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

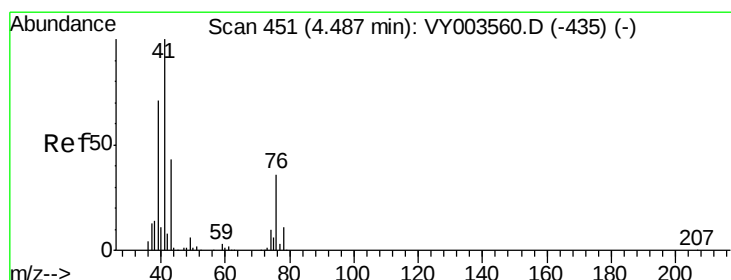
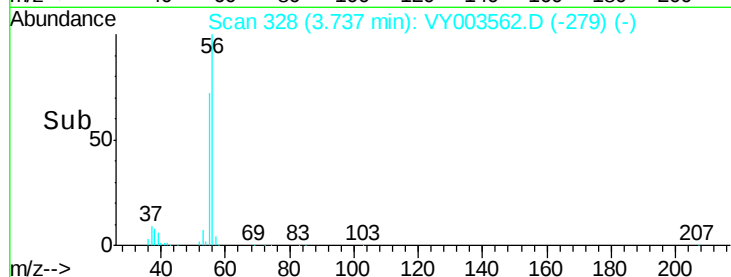
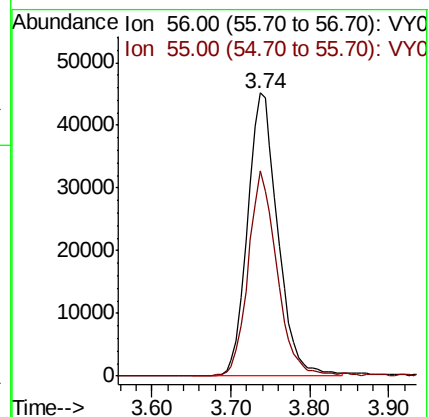
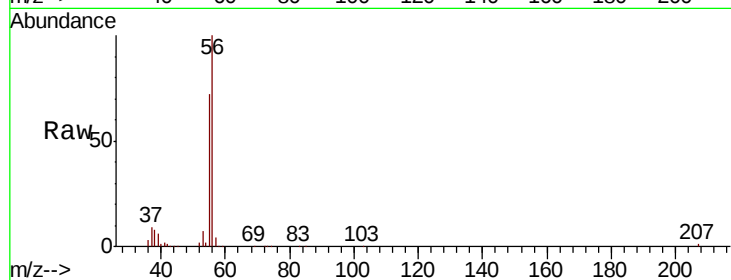
ClientSampleId :

Tot Ion: 56 Resp: 120496

Ion Ratio Lower Upper

56 100

55 68.9 54.6 81.8



#14

Allyl chloride

Concen: 143.454 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

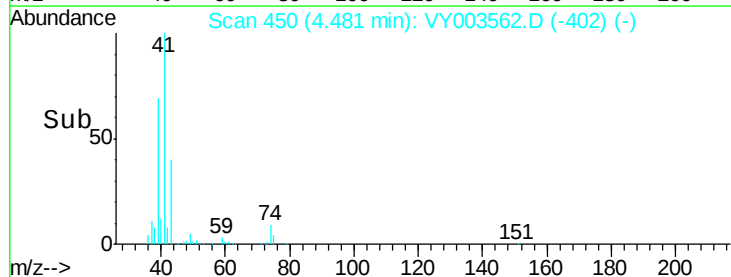
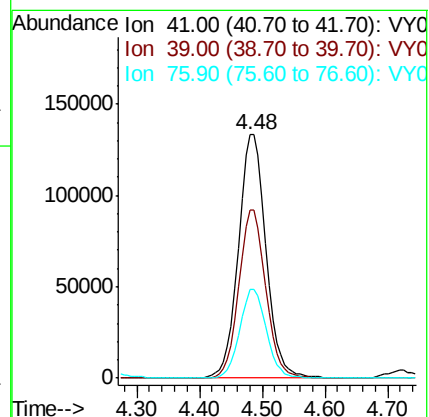
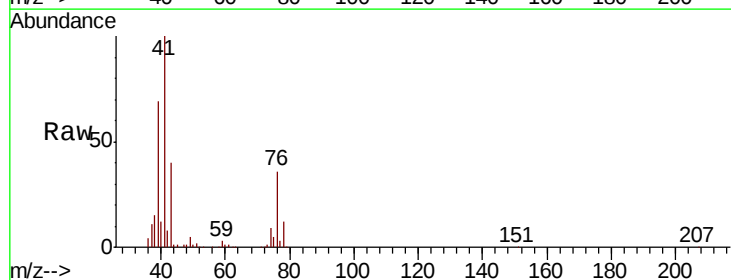
Tgt Ion: 41 Resp: 405136

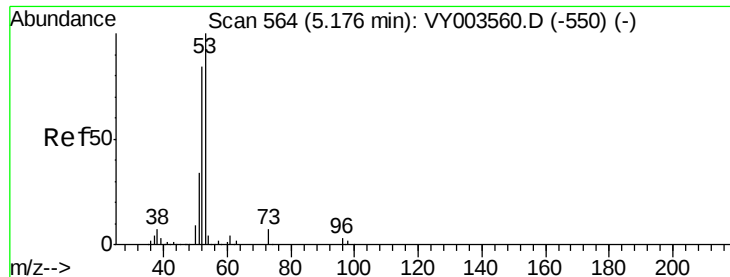
Ion Ratio Lower Upper

41 100

39 67.8 54.2 81.2

76 35.3 28.9 43.3





#15

Acrylonitrile

Concen: 690.216 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

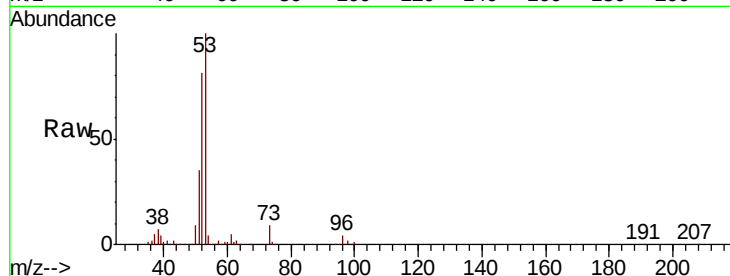
Tot Ion: 53 Resp: 319048

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	35.4	29.0	43.4

53 100

52 82.7 66.4 99.6

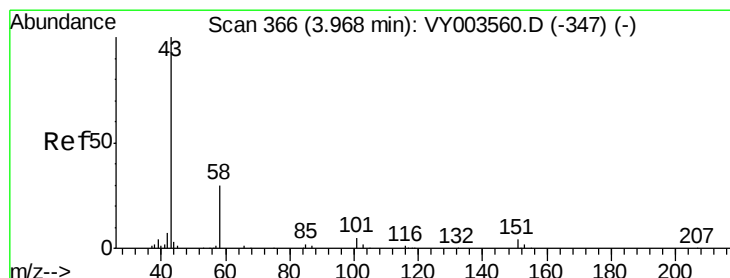
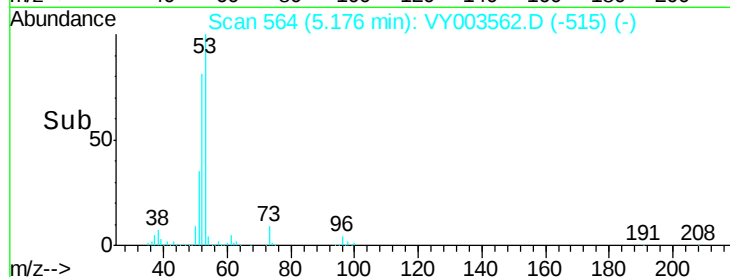
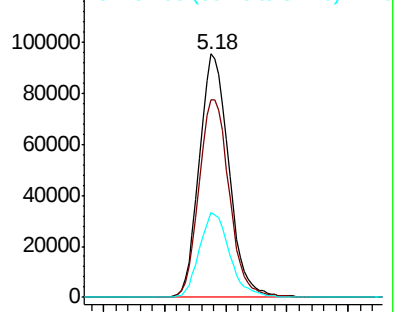
51 35.4 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003562.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY003562.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY003562.D (-515) (-)



#16

Acetone

Concen: 705.907 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY003562.D

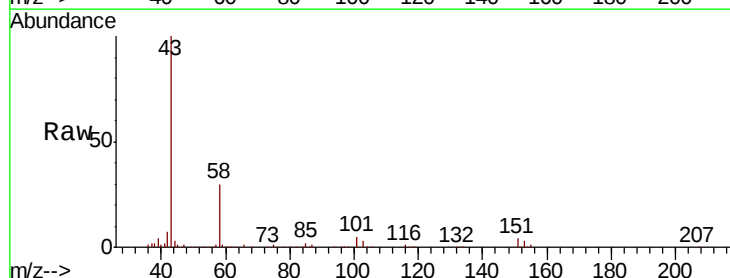
Acq: 20 Nov 2020 12:02

Tgt Ion: 43 Resp: 418739

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.8

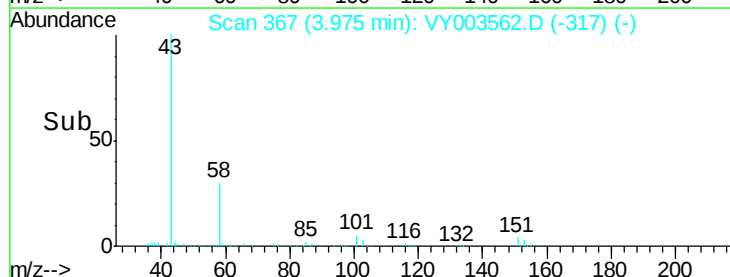
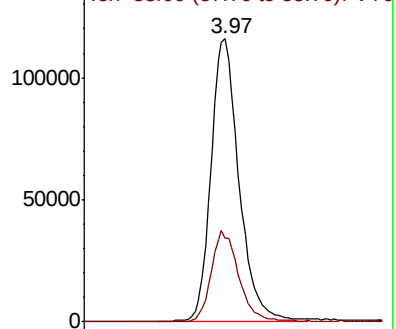
43 100

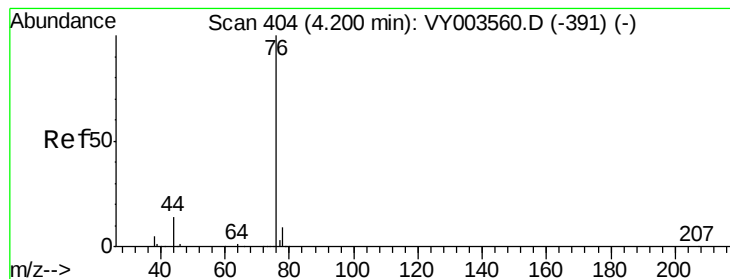
58 29.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VY003562.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY003562.D (-317) (-)





#17

Carbon Disulfide

Concen: 134.087 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

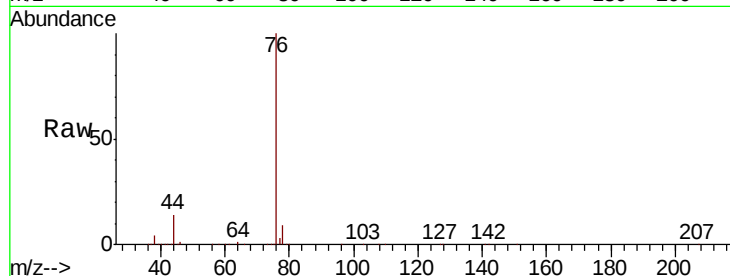
ClientSampled :

Tot Ion: 76 Resp: 650272

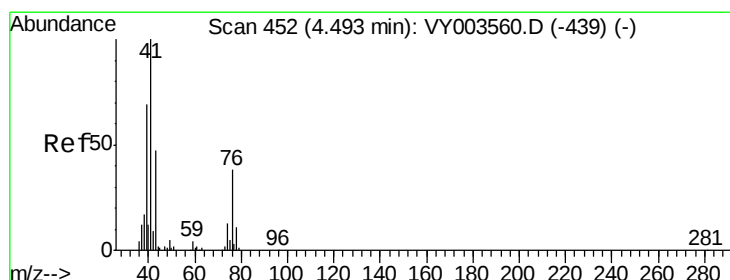
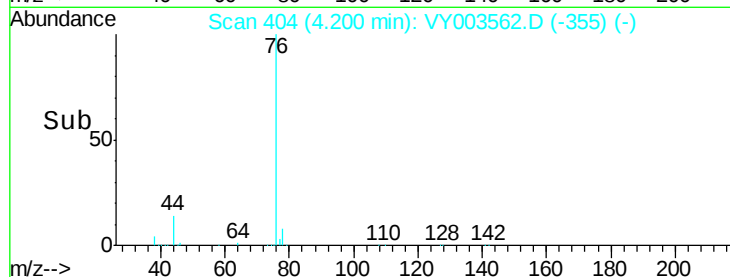
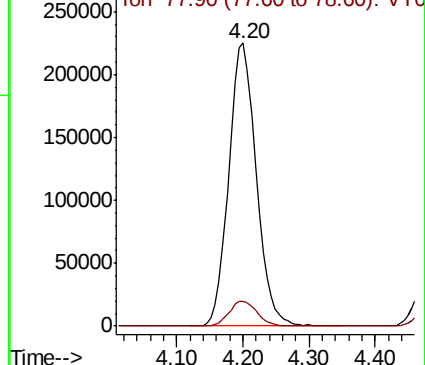
Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 133.538 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003562.D

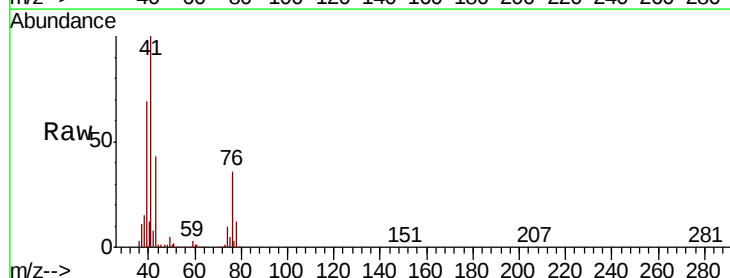
Acq: 20 Nov 2020 12:02

Tgt Ion: 43 Resp: 172324

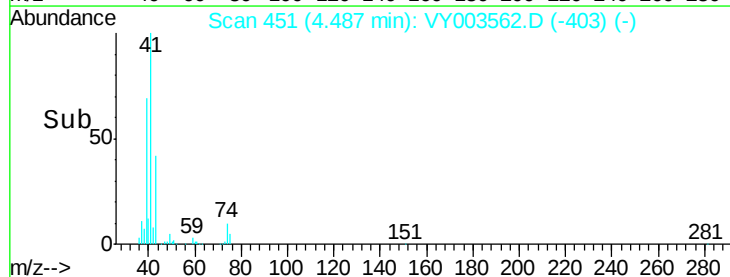
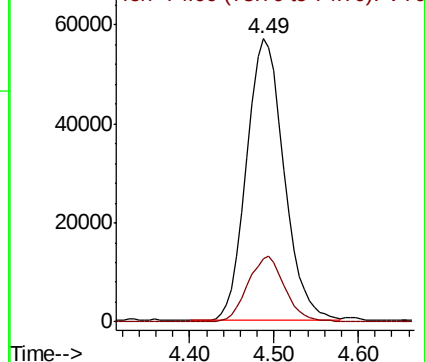
Ion Ratio Lower Upper

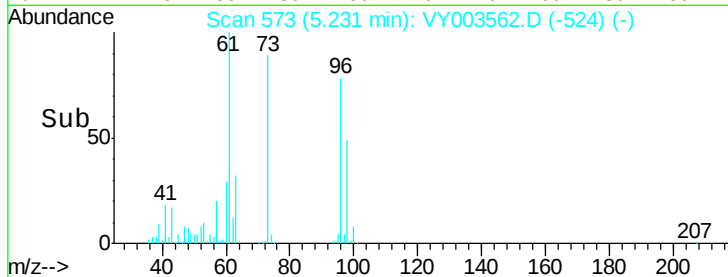
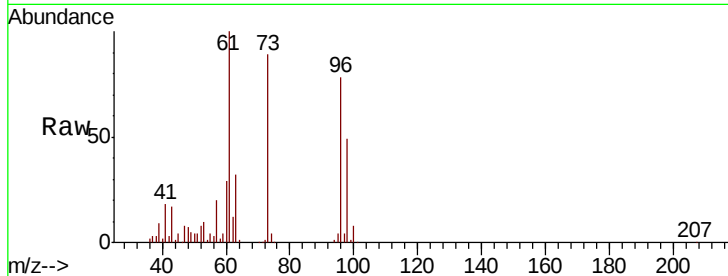
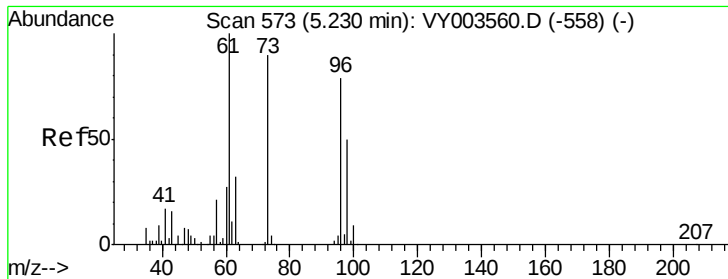
43 100

74 23.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0



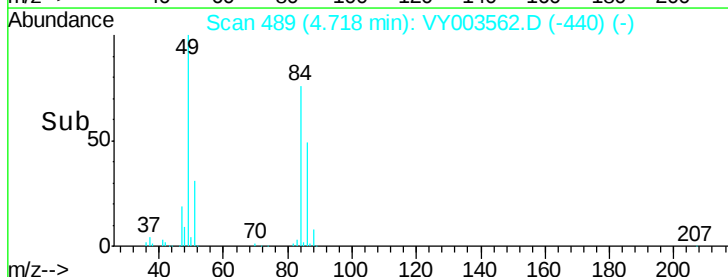
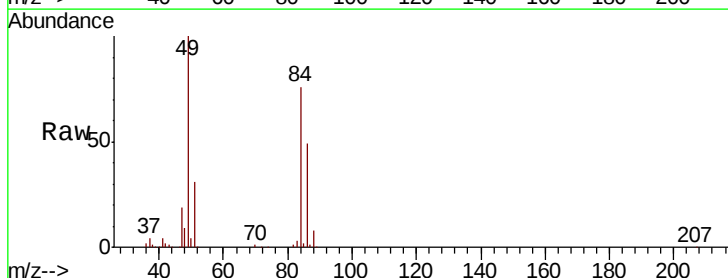
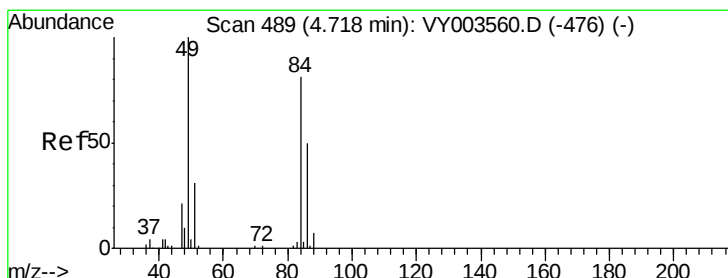
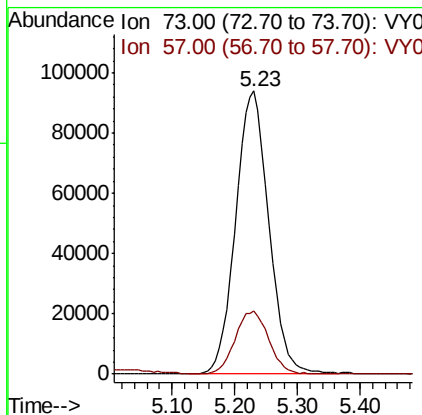


#19

Methyl tert-butyl Ether
Concen: 137.344 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampled :

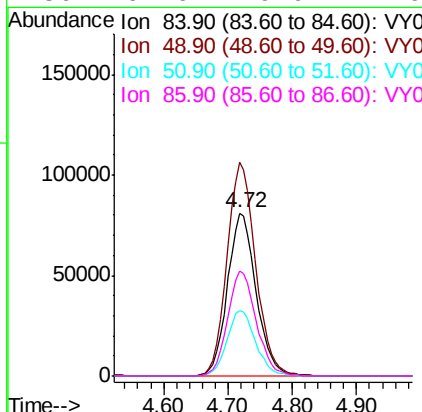
Tot Ion: 73 Resp: 343433
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

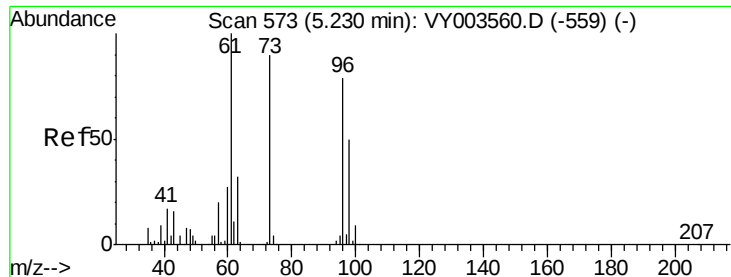


#20

Methylene Chloride
Concen: 111.883 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 84 Resp: 252049
Ion Ratio Lower Upper
84 100
49 130.9 99.0 148.6
51 40.0 30.5 45.7
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 136.170 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampled :

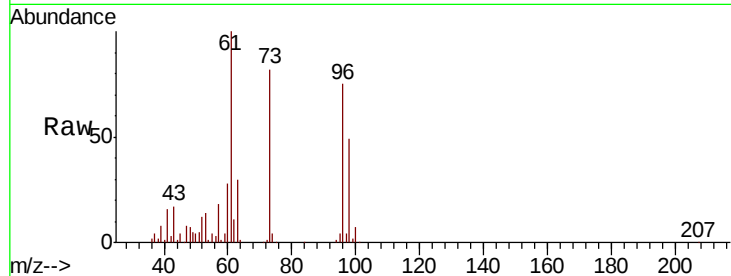
Tot Ion: 96 Resp: 256495

Ion Ratio Lower Upper

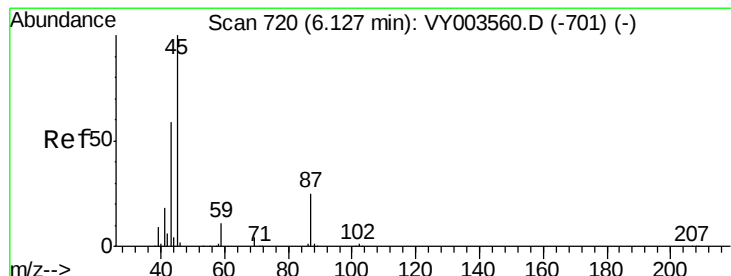
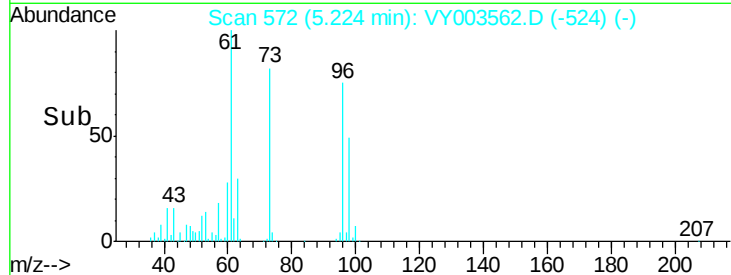
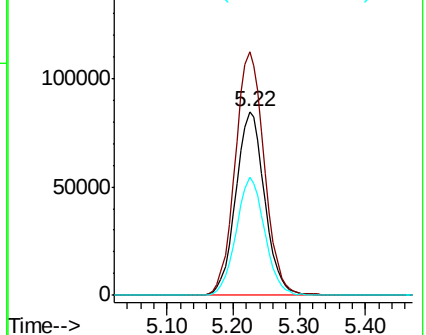
96 100

61 132.7 101.0 151.4

98 64.4 50.2 75.2



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



#22

Diisopropyl ether

Concen: 148.852 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion: 45 Resp: 720568

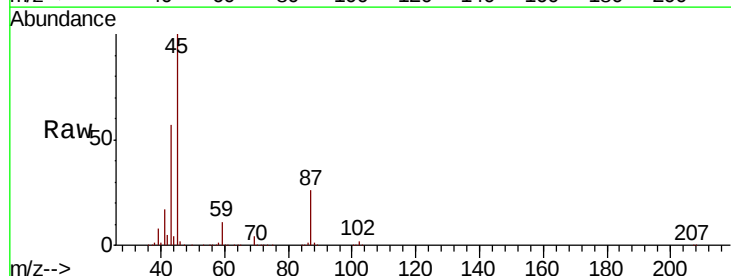
Ion Ratio Lower Upper

45 100

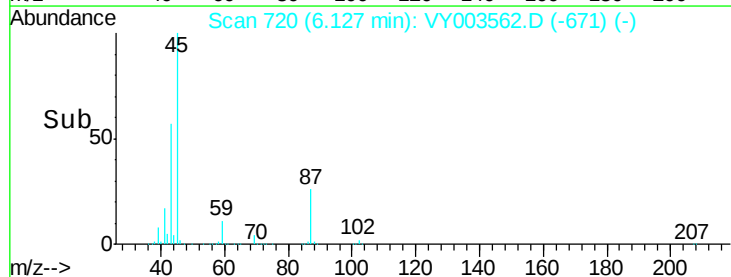
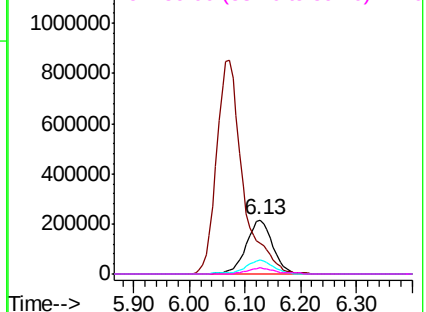
43 56.6 48.1 72.1

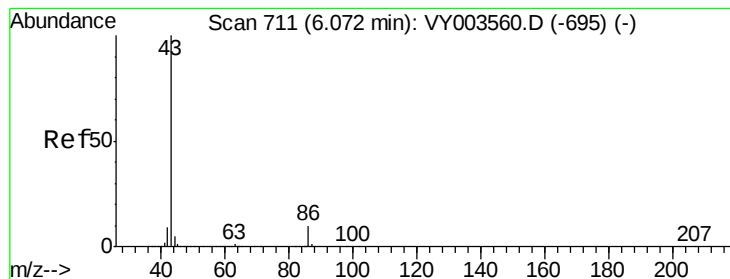
87 25.7 20.3 30.5

59 11.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 739.437 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

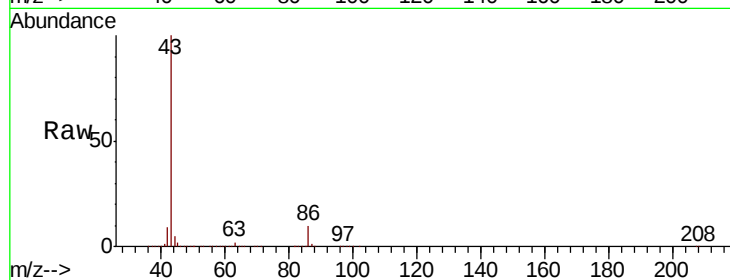
ClientSampleId :

Tot Ion: 43 Resp: 2782294

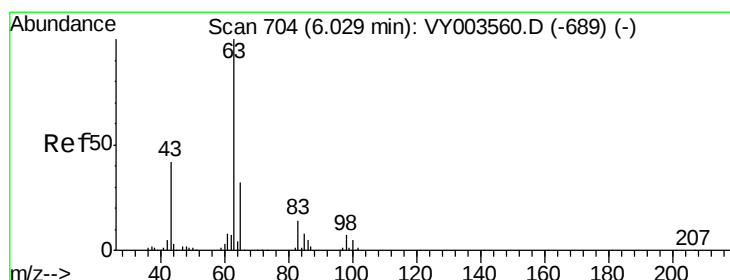
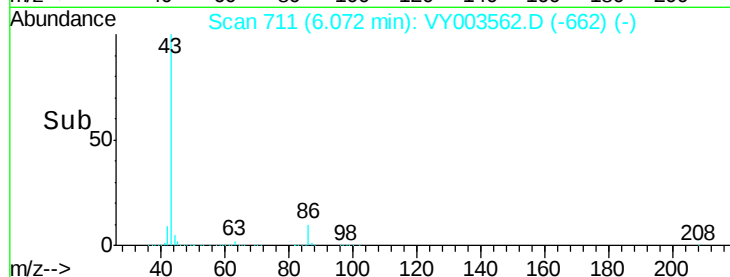
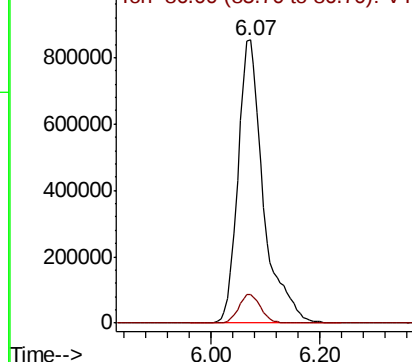
Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



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



#24

1,1-Dichloroethane

Concen: 139.371 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

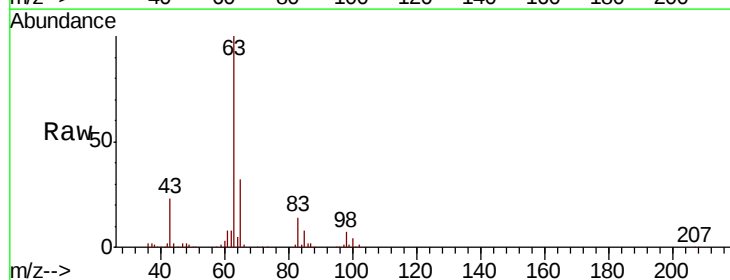
Tgt Ion: 63 Resp: 449061

Ion Ratio Lower Upper

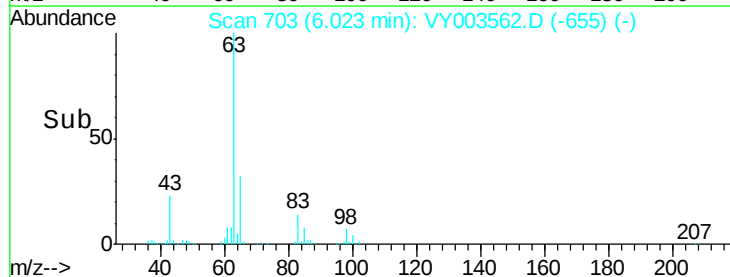
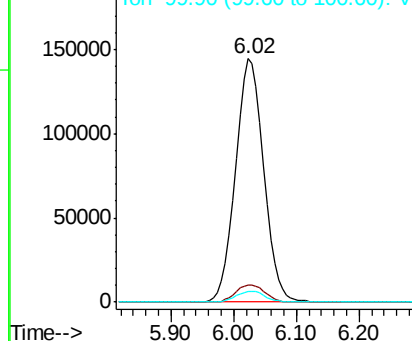
63 100

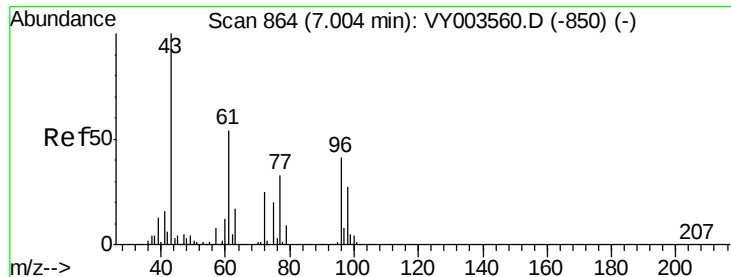
98 6.8 3.4 10.2

100 4.4 2.5 7.4



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: 699.577 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

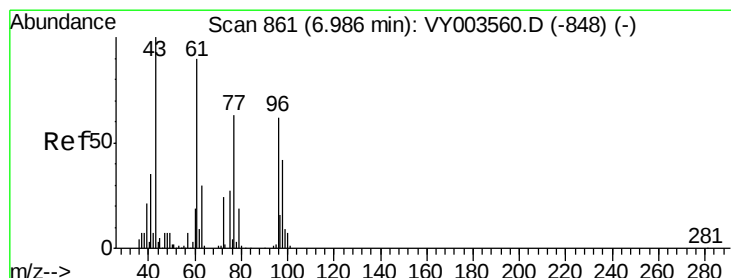
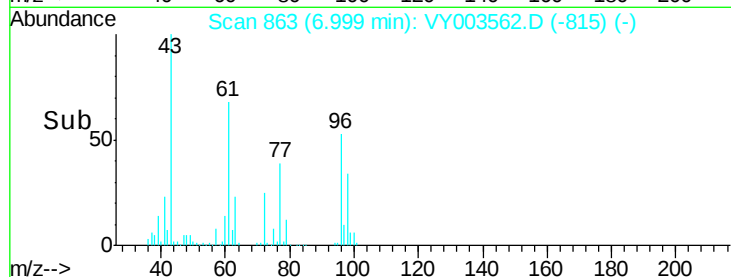
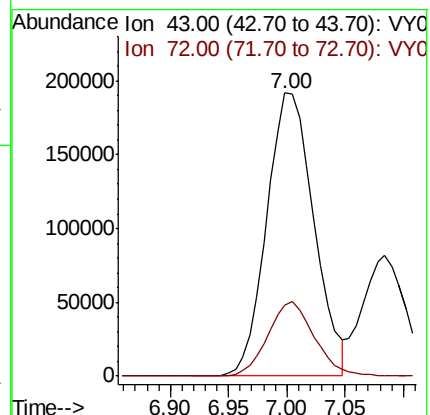
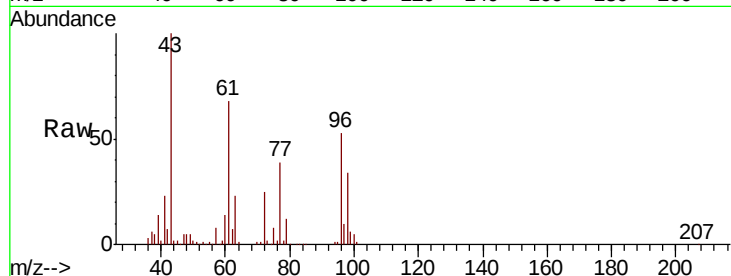
ClientSampled :

Tot Ion: 43 Resp: 538478

Ion Ratio Lower Upper

43 100

72 24.9 19.8 29.8



#26

2,2-Dichloropropane

Concen: 127.391 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003562.D

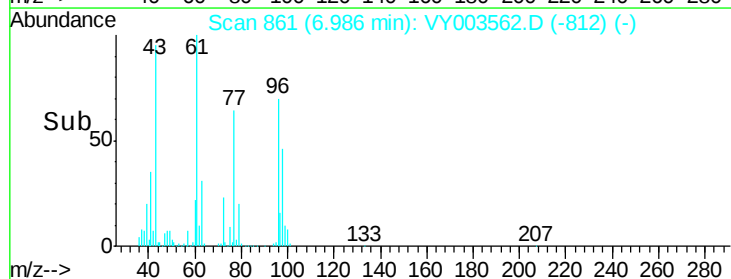
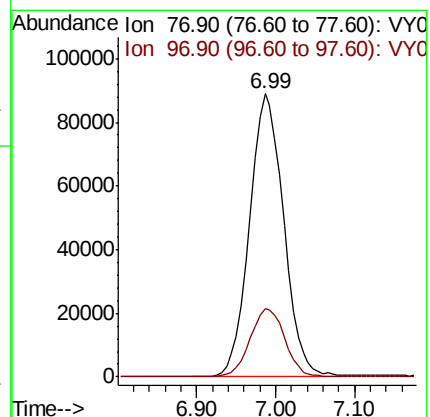
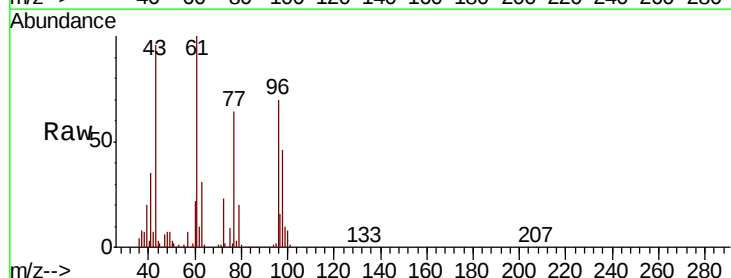
Acq: 20 Nov 2020 12:02

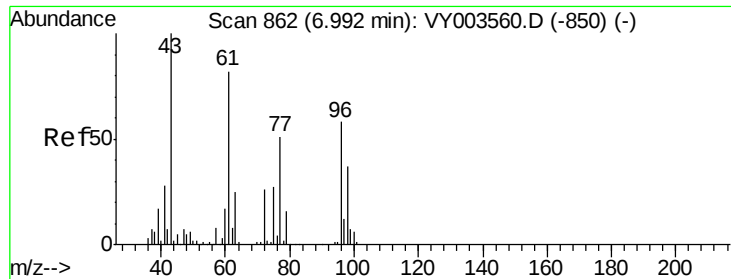
Tgt Ion: 77 Resp: 268411

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



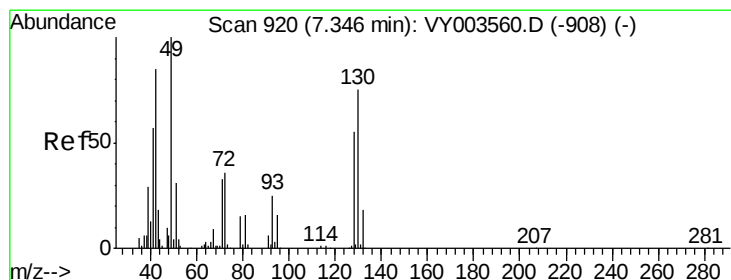
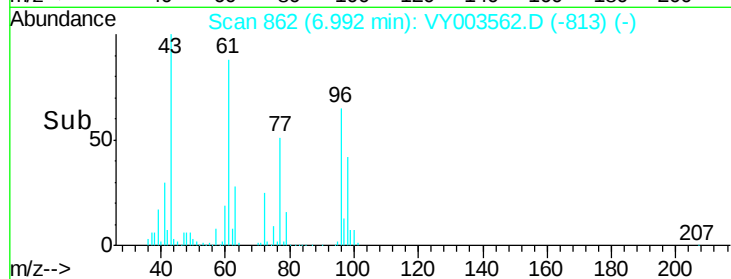
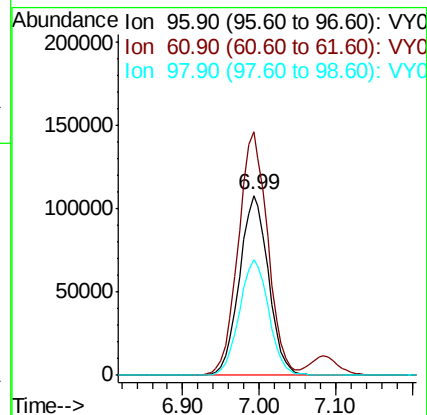
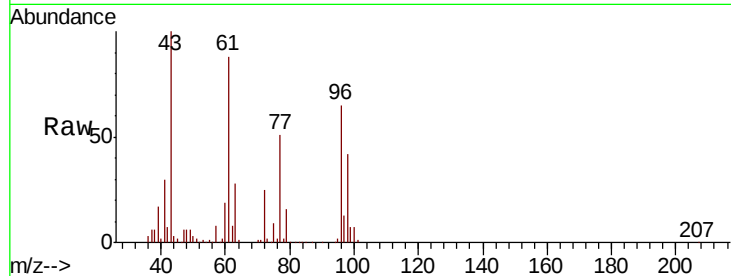


#27

cis-1,2-Dichloroethene
 Concen: 138.936 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Instrument :
 MSVOA_Y
 ClientSampled :

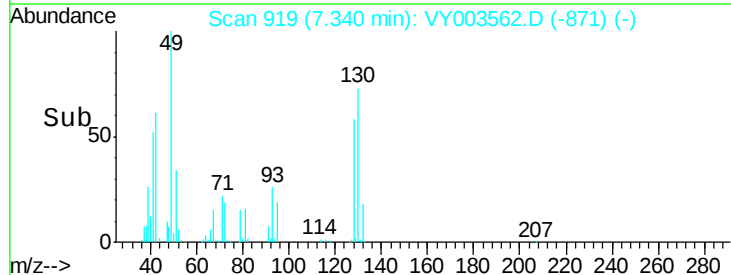
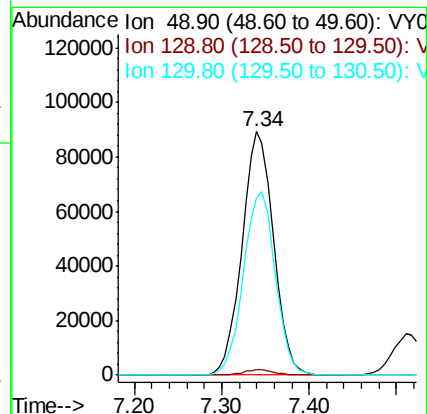
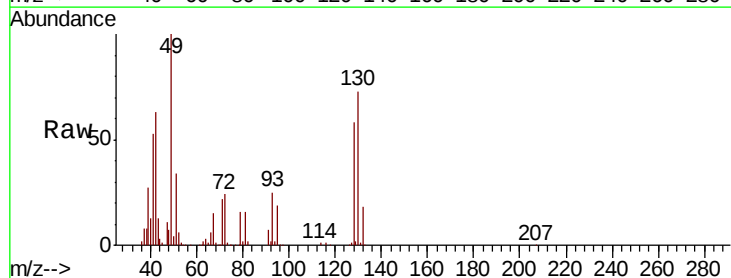
Tot Ion: 96 Resp: 283723
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 274.6
 98 65.1 0.0 130.6

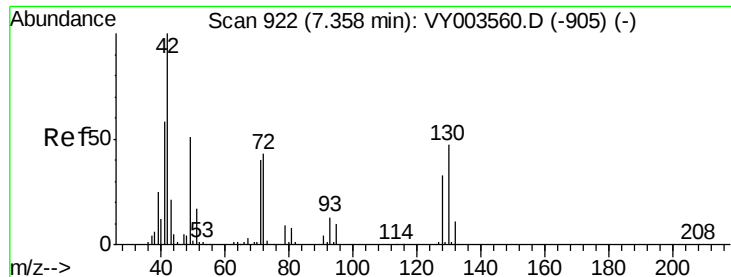


#28

Bromochloromethane
 Concen: 141.777 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion: 49 Resp: 223618
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 76.3 61.0 91.6

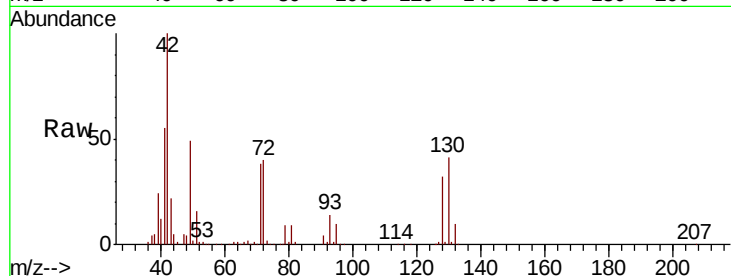




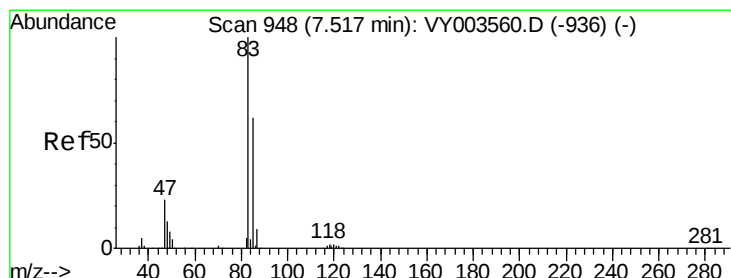
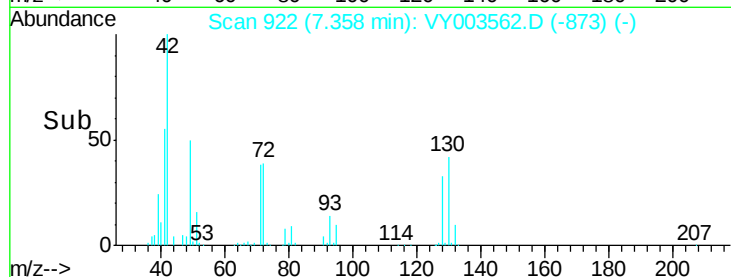
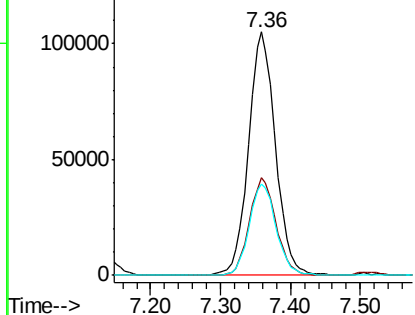
#29
Tetrahydrofuran
Concen: 695.738 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.6	49.0
71	37.6	30.2	45.2

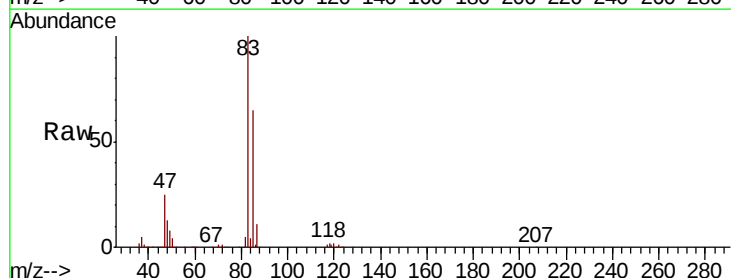


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

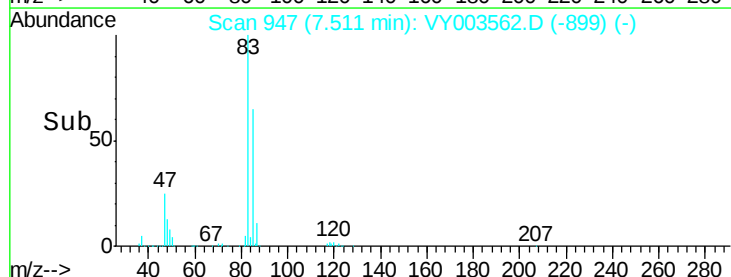
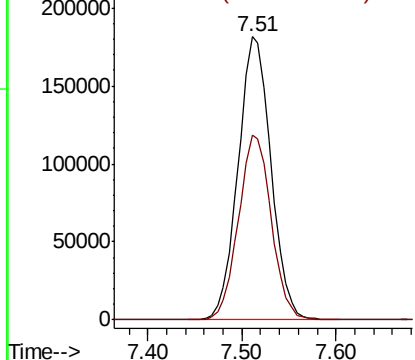


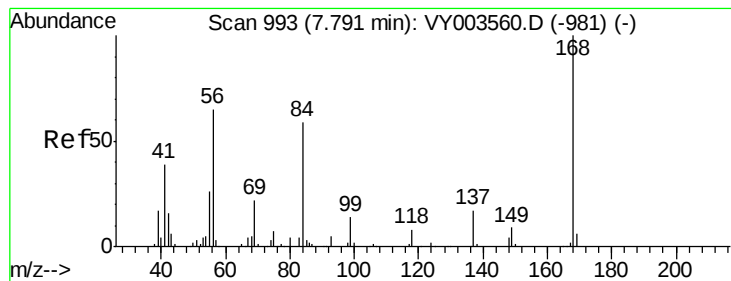
#30
Chloroform
Concen: 138.056 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.6	74.4



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





#31

Cyclohexane

Concen: 134.981 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

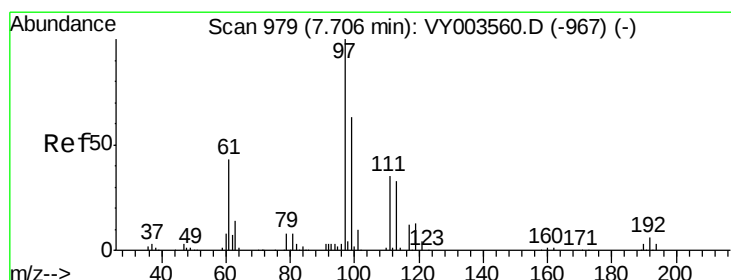
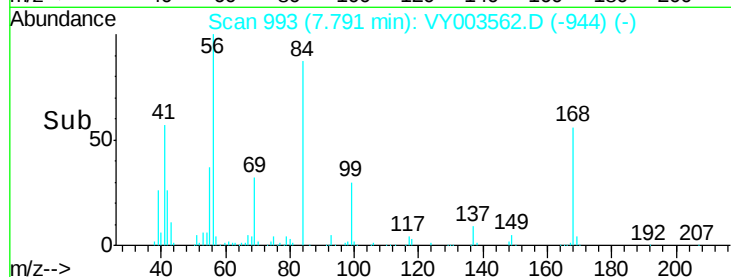
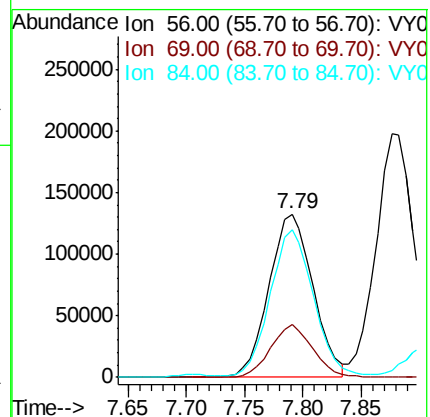
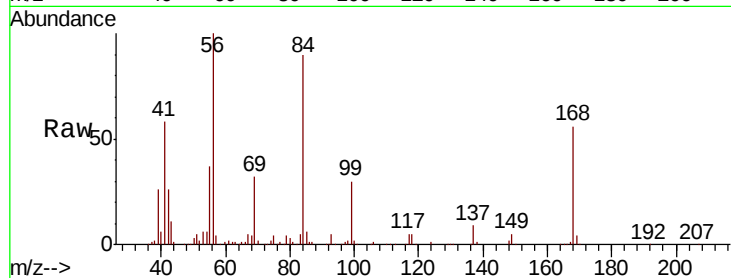
Tot Ion: 56 Resp: 346686

Ion Ratio Lower Upper

56 100

69 32.0 27.0 40.6

84 88.4 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 141.545 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

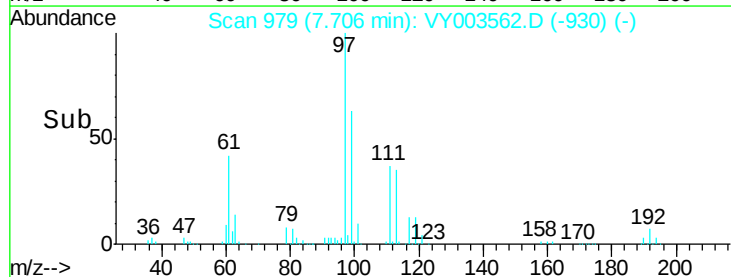
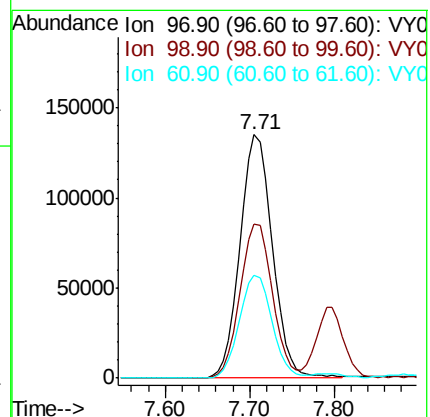
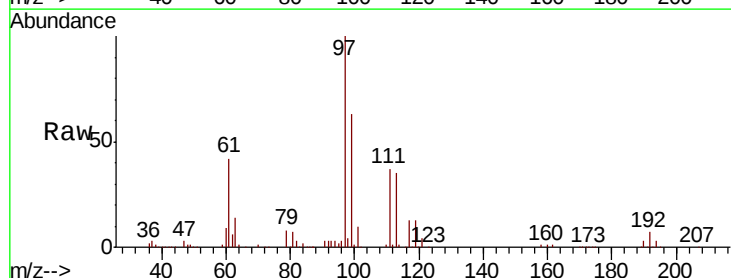
Tgt Ion: 97 Resp: 351686

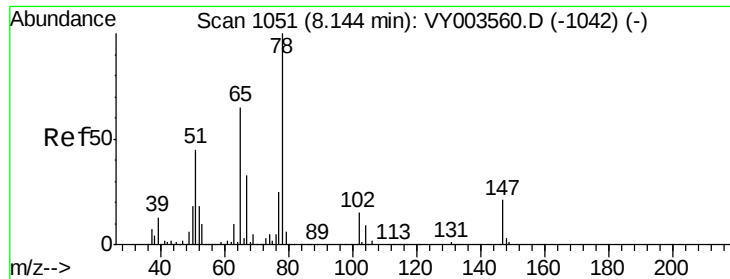
Ion Ratio Lower Upper

97 100

99 63.2 50.2 75.2

61 42.6 34.1 51.1

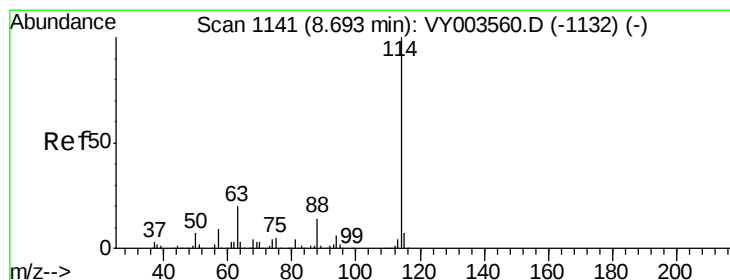
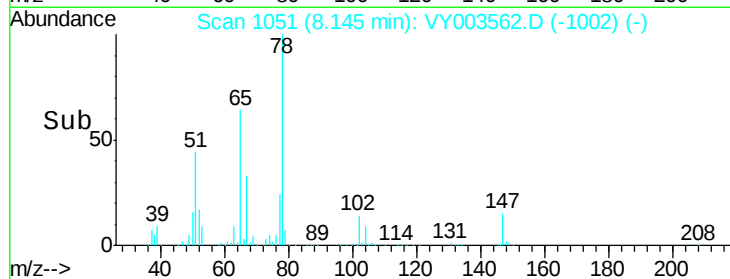
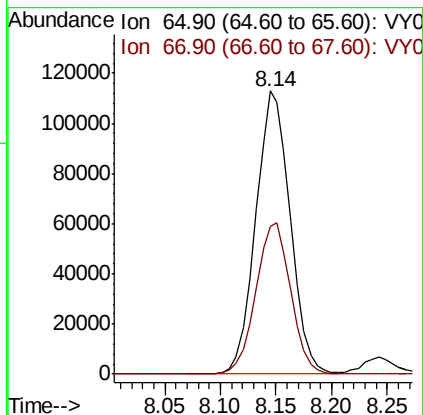
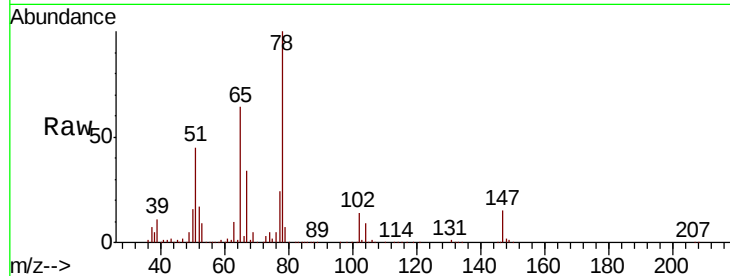




#33
 1,2-Dichloroethane-d4
 Concen: 137.048 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

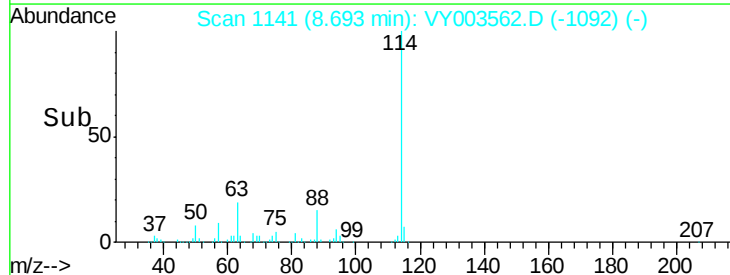
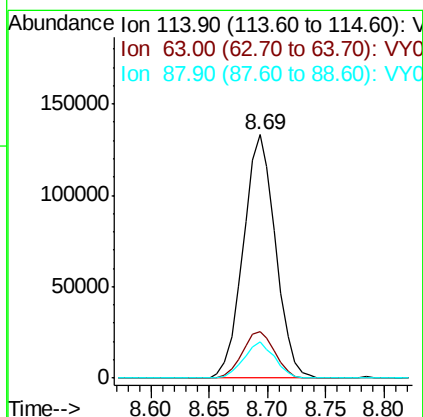
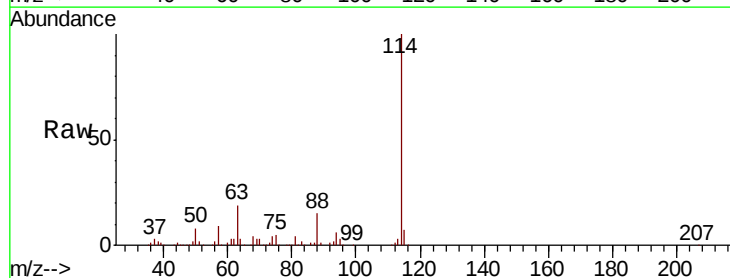
Instrument :
 MSVOA_Y
 ClientSampleId :

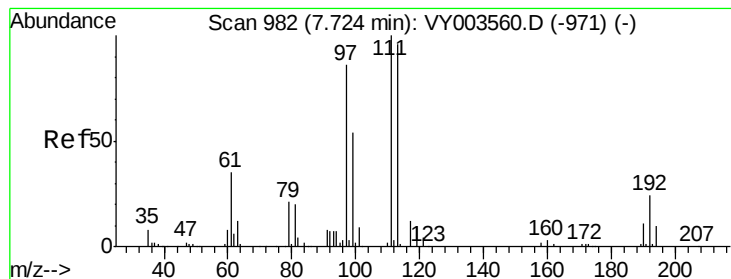
Tot Ion: 65 Resp: 243480
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion: 114 Resp: 256512
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 138.699 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

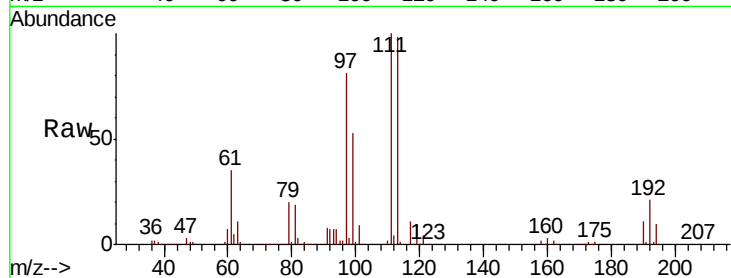
Tot Ion:113 Resp: 233866

Ion Ratio Lower Upper

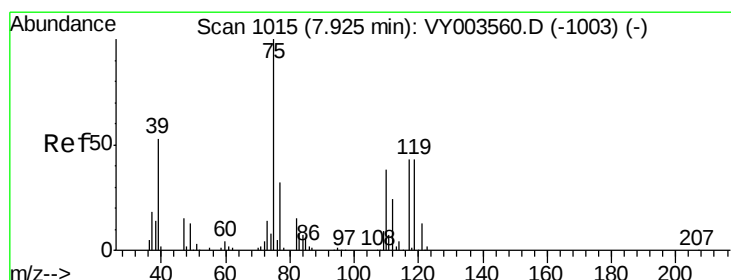
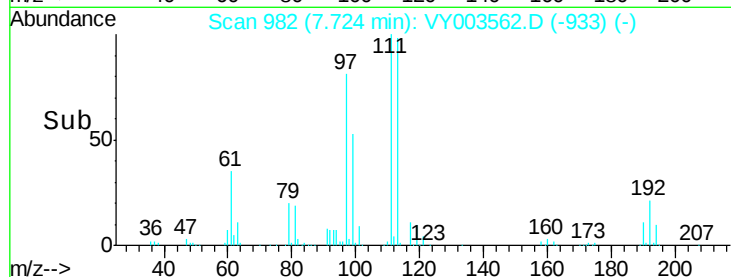
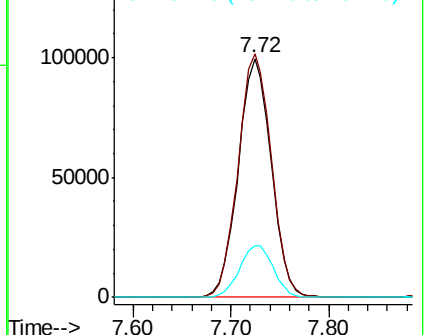
113 100

111 102.5 81.4 122.0

192 22.1 18.1 27.1



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: 138.833 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

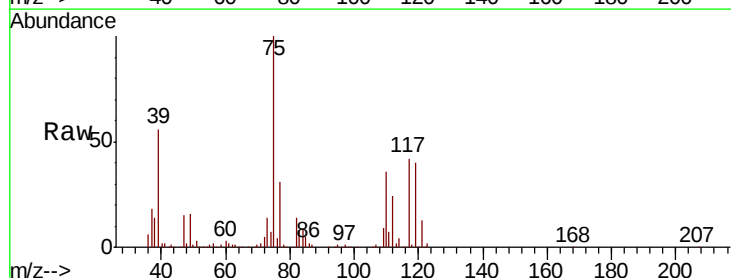
Tgt Ion: 75 Resp: 350602

Ion Ratio Lower Upper

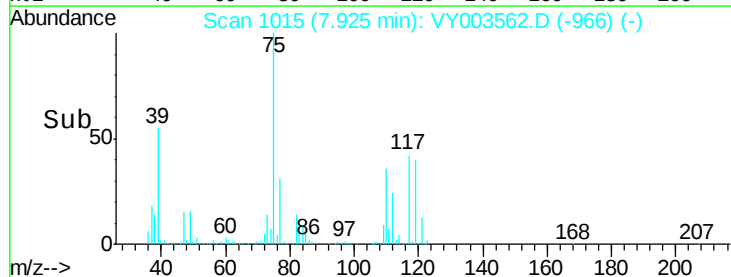
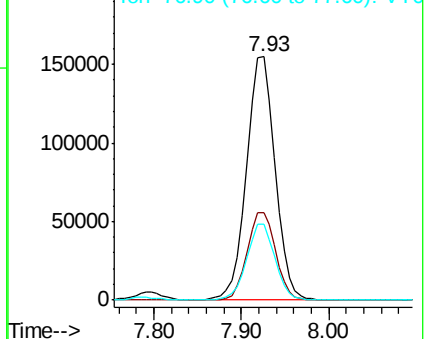
75 100

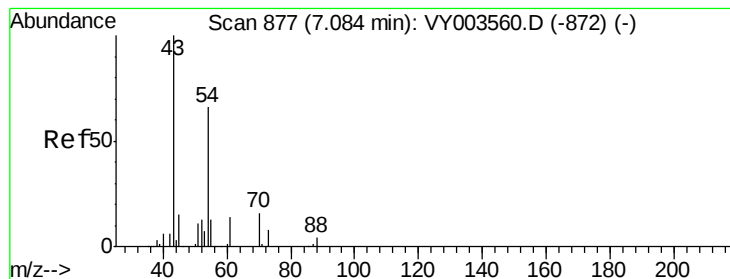
110 36.2 18.7 56.1

77 30.8 25.4 38.2



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: 142.121 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampled :

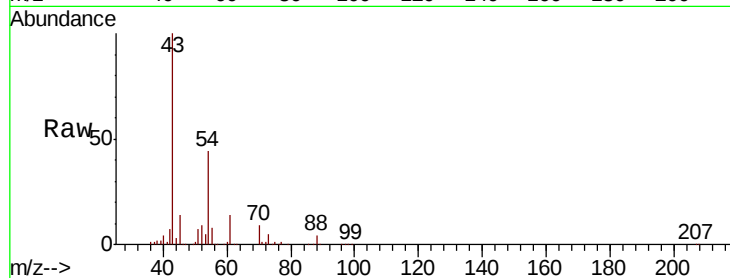
Tot Ion: 43 Resp: 216279

Ion Ratio Lower Upper

43 100

61 14.0 10.3 15.5

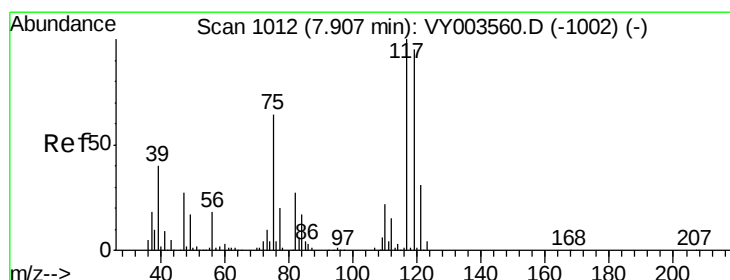
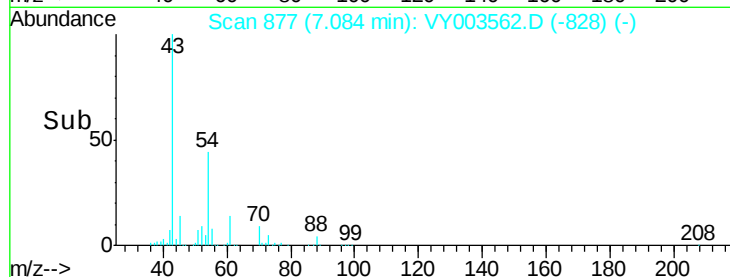
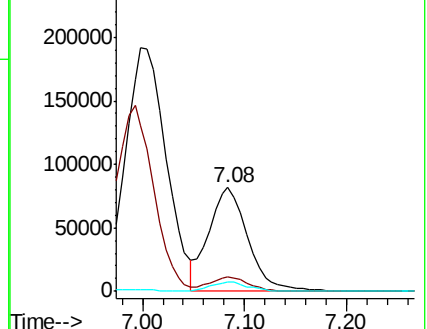
70 9.0 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VY003562.D (-828) (-)

Ion 60.90 (60.60 to 61.60): VY003562.D (-828) (-)

Ion 70.00 (69.70 to 70.70): VY003562.D (-828) (-)



#38

Carbon Tetrachloride

Concen: 145.459 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

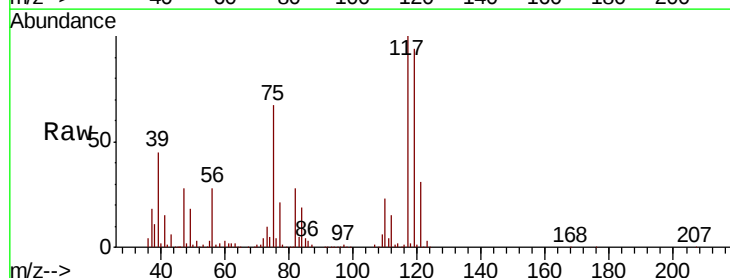
Tgt Ion: 117 Resp: 340280

Ion Ratio Lower Upper

117 100

119 94.4 76.3 114.5

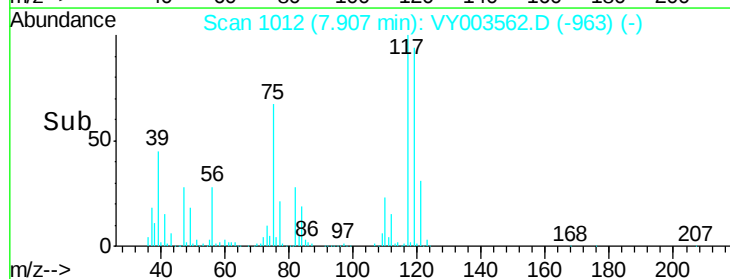
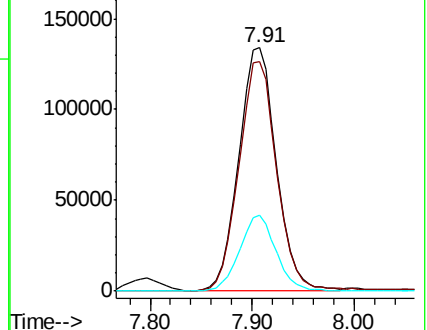
121 31.3 25.1 37.7

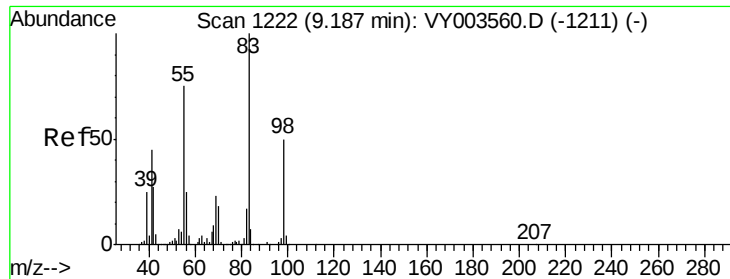


Abundance Ion 116.80 (116.50 to 117.50): VY003562.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003562.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003562.D (-963) (-)

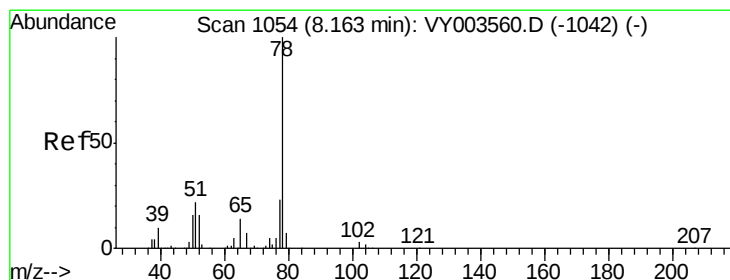
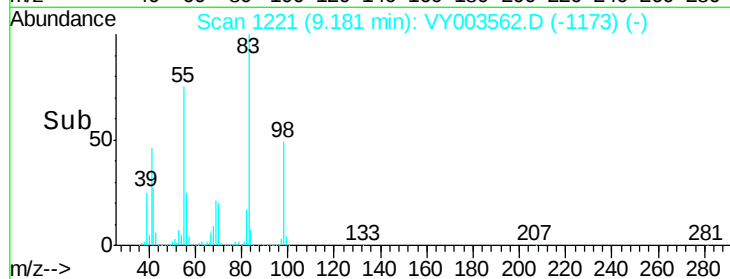
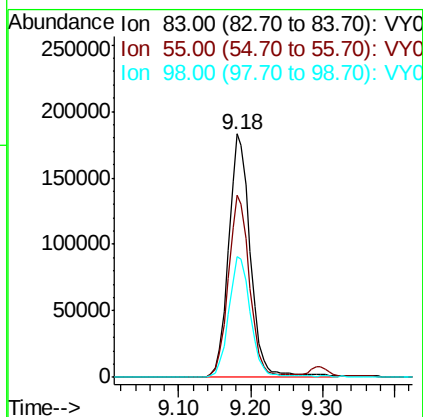
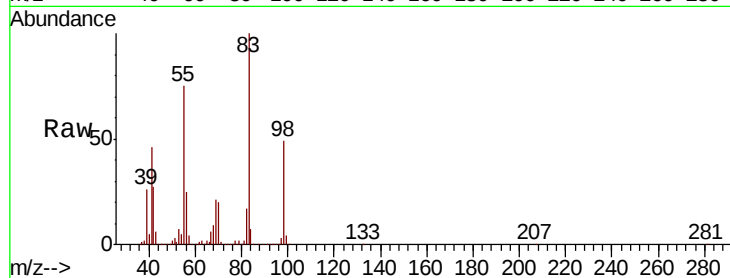




#39
Methvlcvclohexane
Concen: 151.015 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

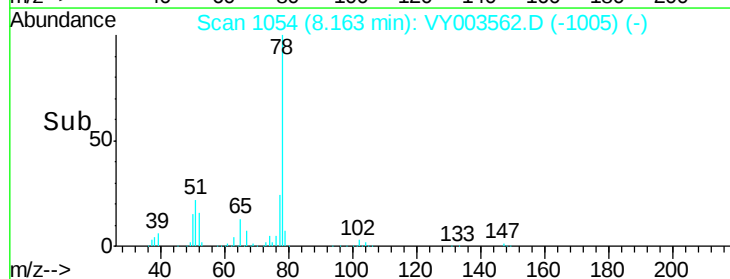
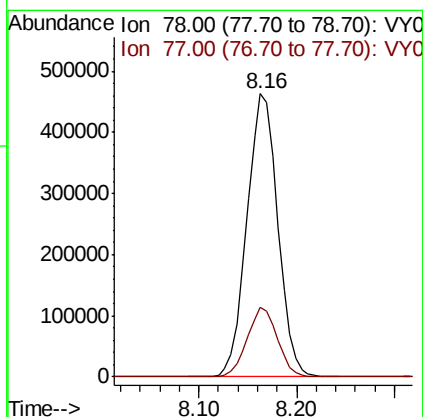
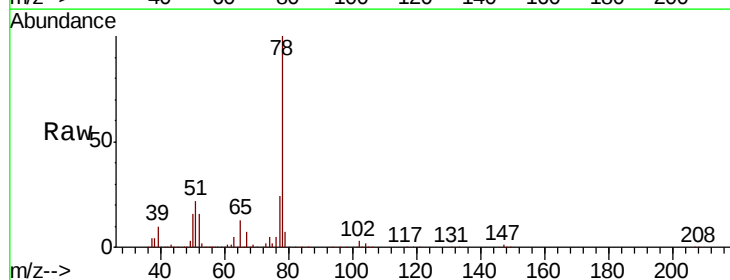
Instrument :
MSVOA_Y
ClientSampleId :

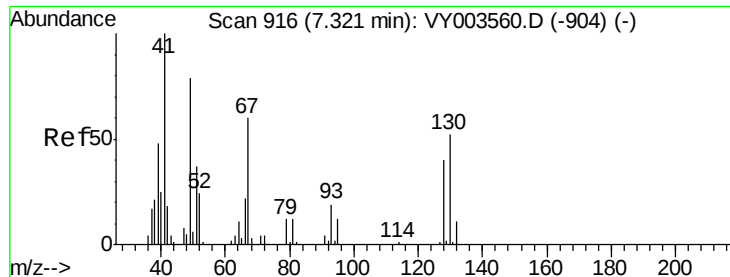
Tot Ion: 83 Resp: 387564
Ion Ratio Lower Upper
83 100
55 74.8 60.2 90.4
98 49.3 40.3 60.5



#40
Benzene
Concen: 135.929 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 78 Resp: 1017582
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0

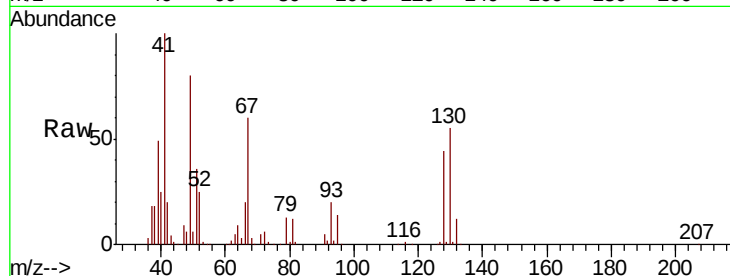




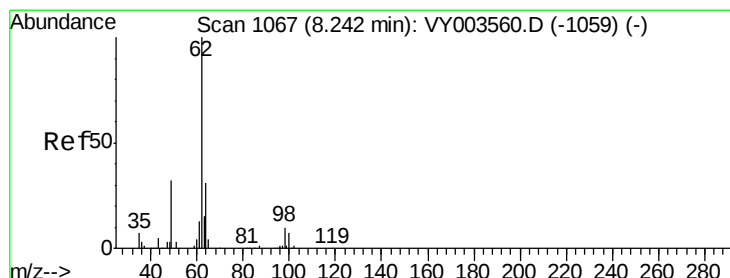
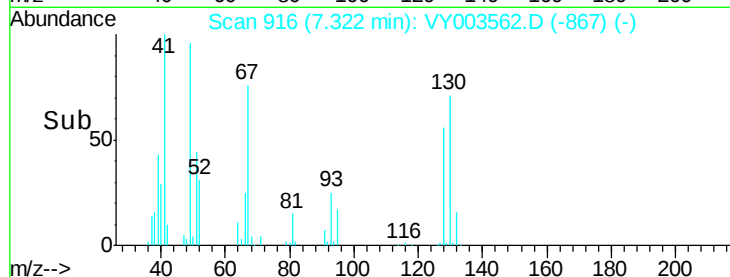
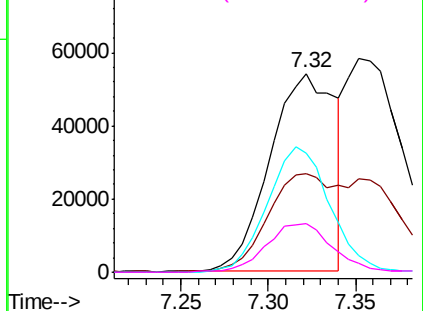
#41
Methacrylonitrile
Concen: 188.163 ug/l
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	140797
Ion	Ratio	Lower	Upper
41	100		
39	56.8	41.4	62.0
67	61.1	57.2	85.8
52	25.2	23.6	35.4

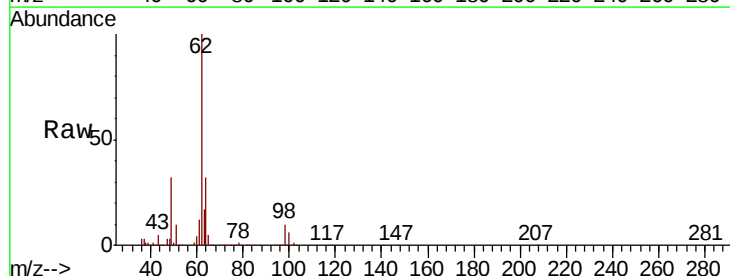


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

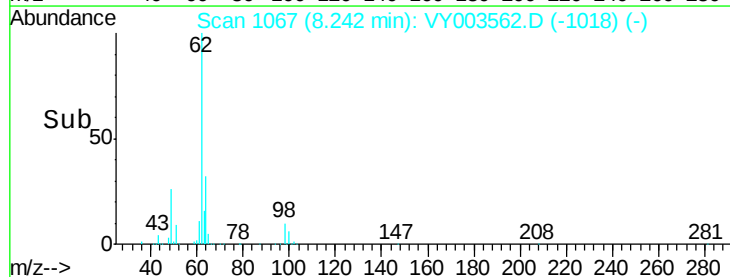
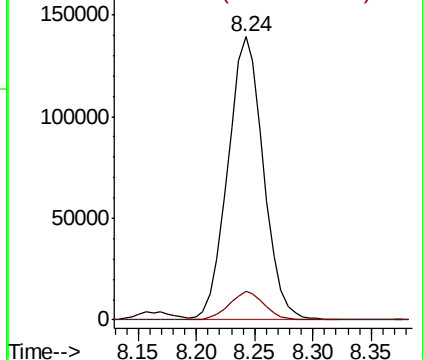


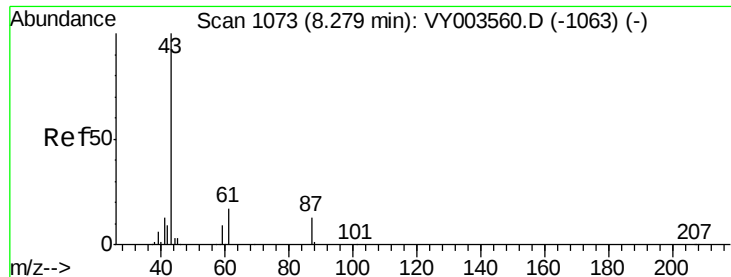
#42
1,2-Dichloroethane
Concen: 137.939 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion:	62	Resp:	293757
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 144.172 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampled :

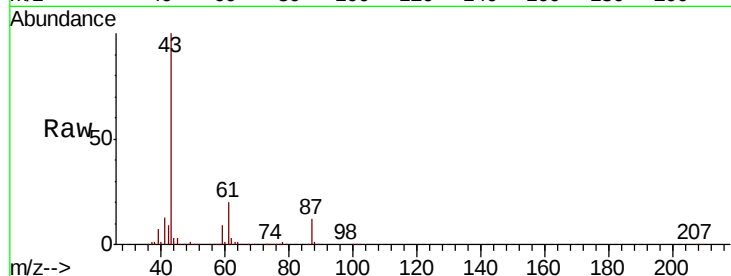
Tot Ion: 43 Resp: 402863

Ion Ratio Lower Upper

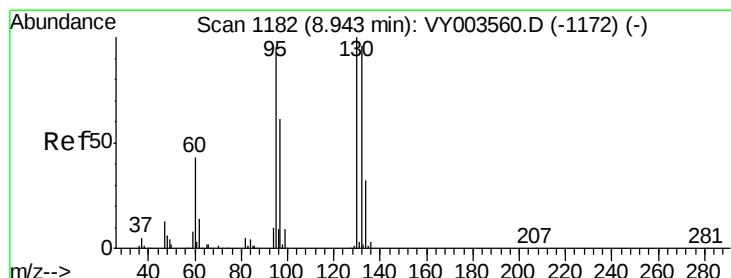
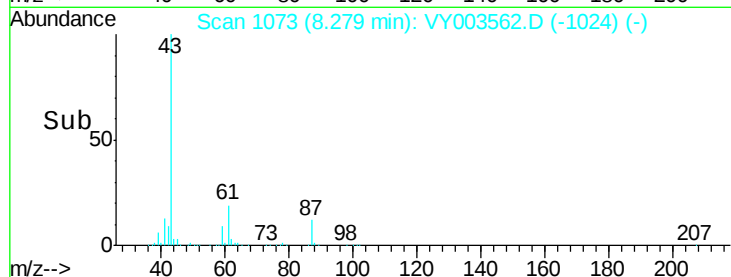
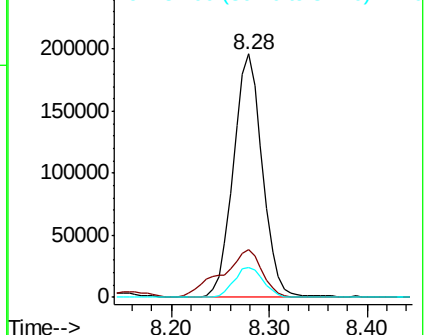
43 100

61 27.1 21.4 32.0

87 12.6 10.7 16.1



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



#44

Trichloroethene

Concen: 136.158 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003562.D

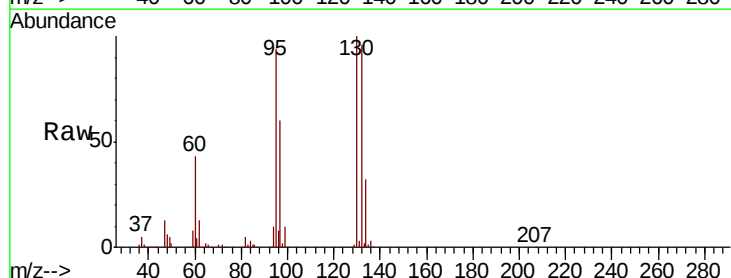
Acq: 20 Nov 2020 12:02

Tgt Ion: 130 Resp: 277741

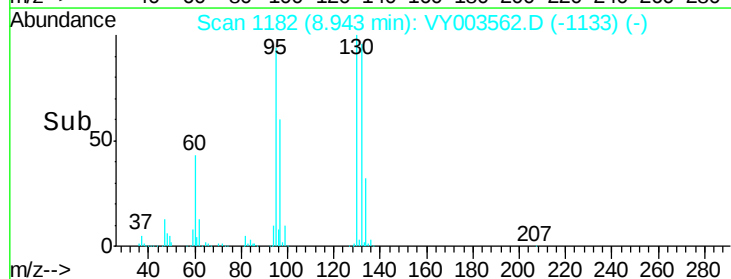
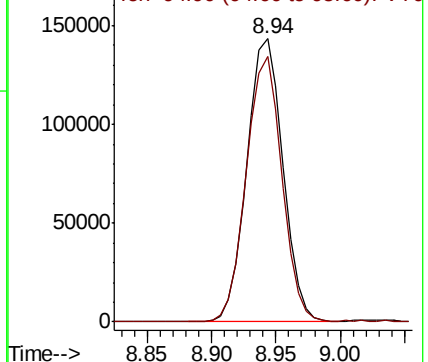
Ion Ratio Lower Upper

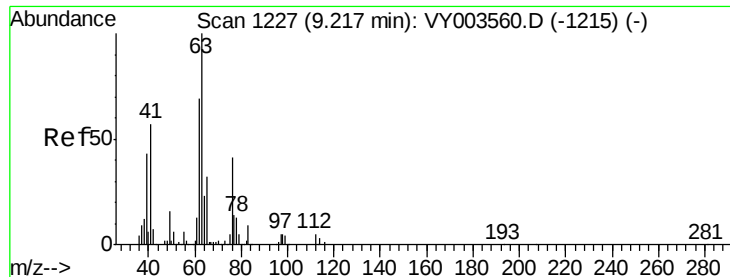
130 100

95 93.6 0.0 189.2



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

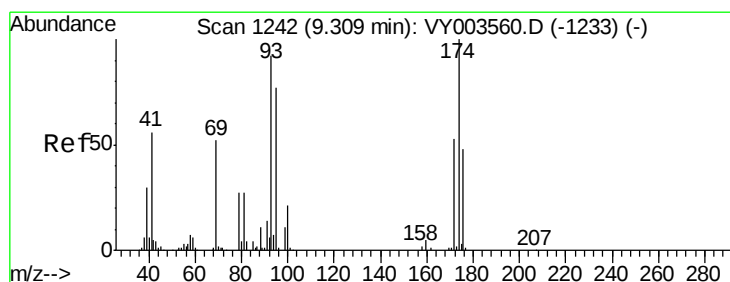
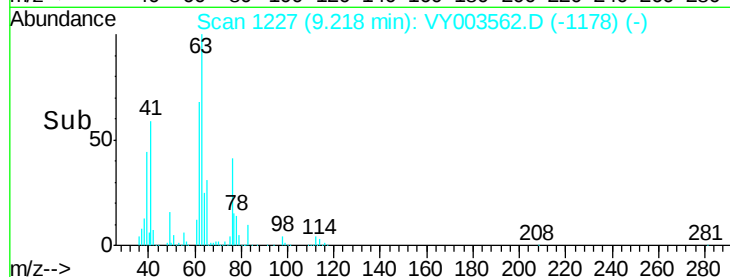
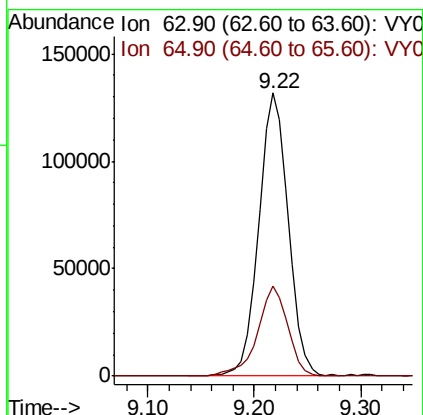
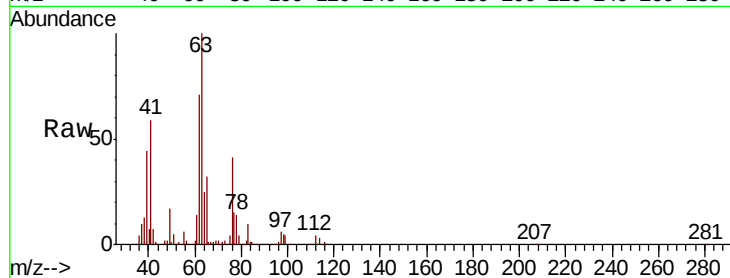




#45
 1,2-Dichloropropane
 Concen: 137.614 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

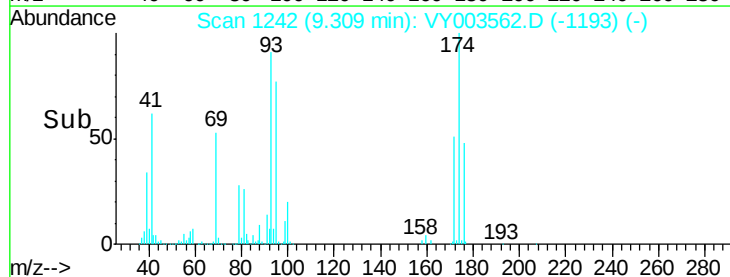
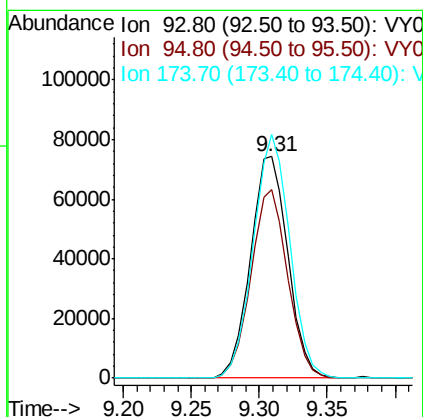
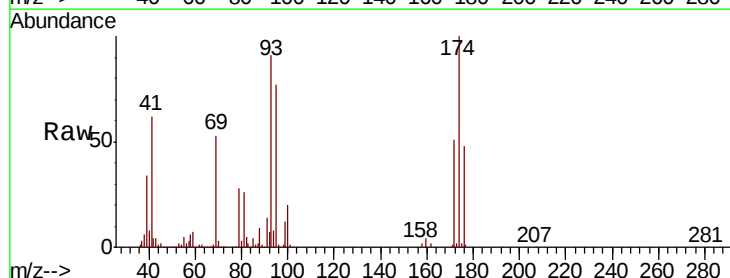
Instrument :
 MSVOA_Y
 ClientSampled :

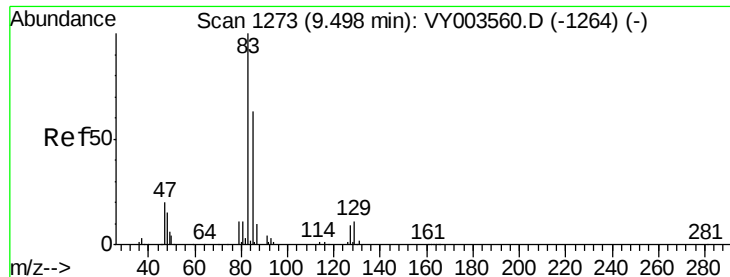
Tot Ion: 63 Resp: 255369
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.7 38.5



#46
 Dibromomethane
 Concen: 135.678 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion: 93 Resp: 143383
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 107.4 86.8 130.2





#47

Bromodichloromethane

Concen: 140.224 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampled :

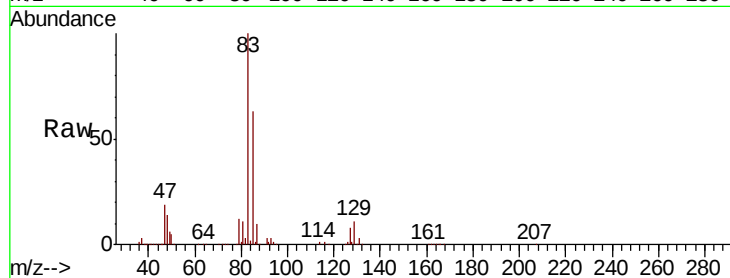
Tot Ion: 83 Resp: 351980

Ion Ratio Lower Upper

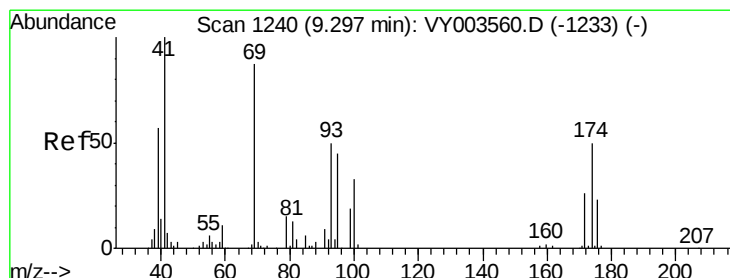
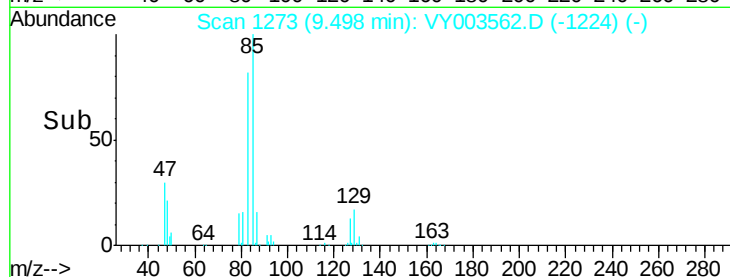
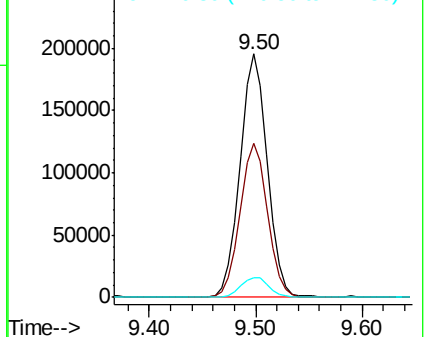
83 100

85 63.3 50.7 76.1

127 8.2 7.0 10.4



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



#48

Methyl methacrylate

Concen: 143.581 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

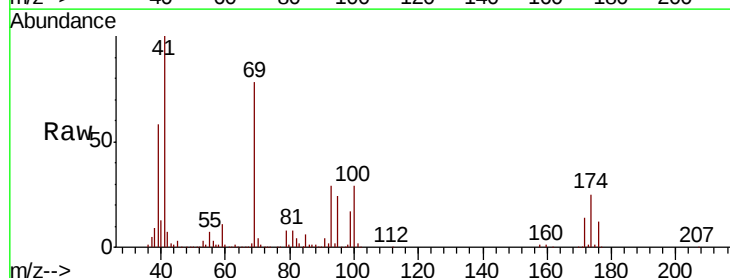
Tgt Ion: 41 Resp: 192054

Ion Ratio Lower Upper

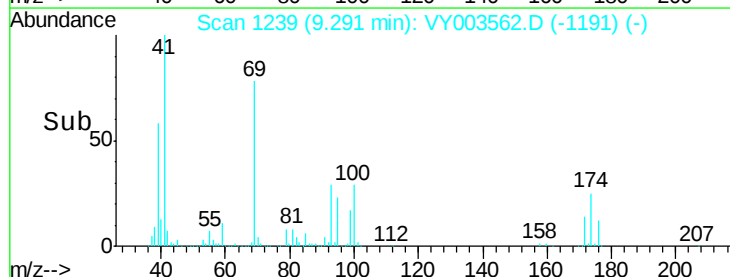
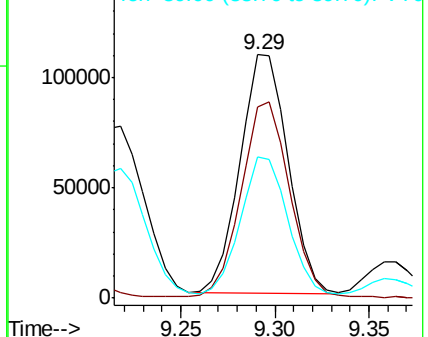
41 100

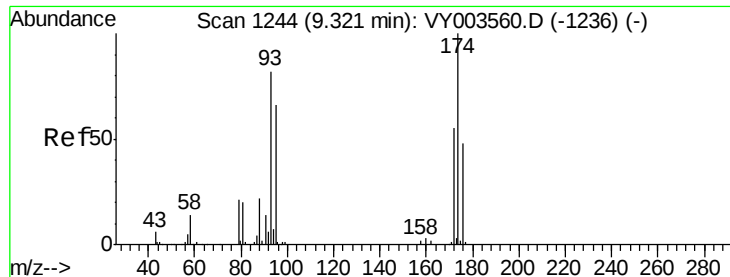
69 83.6 68.6 102.8

39 59.6 48.8 73.2



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





#49

1,4-Dioxane

Concen: 2904.499 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

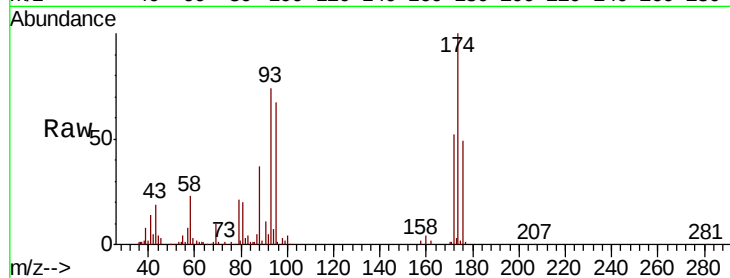
Tot Ion: 88 Resp: 35169

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

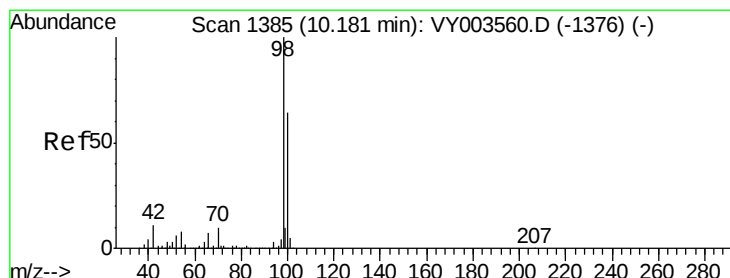
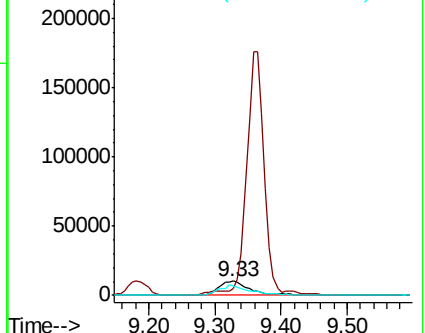
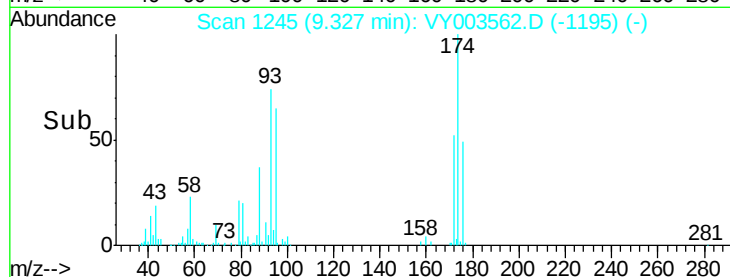
58 71.1 50.9 76.3



Abundance Ion 88.00 (87.70 to 88.70): VY003562.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VY003562.D (-1195) (-)

Ion 58.00 (57.70 to 58.70): VY003562.D (-1195) (-)



#50

Toluene-d8

Concen: 136.208 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003562.D

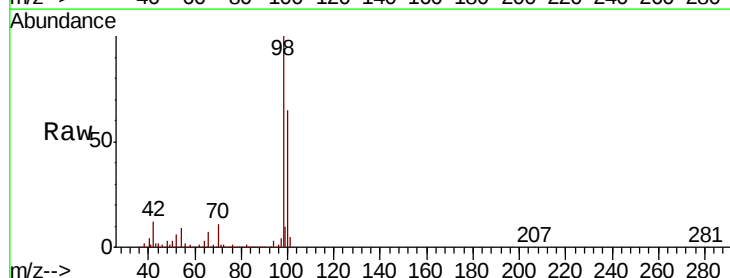
Acq: 20 Nov 2020 12:02

Tgt Ion: 98 Resp: 893069

Ion Ratio Lower Upper

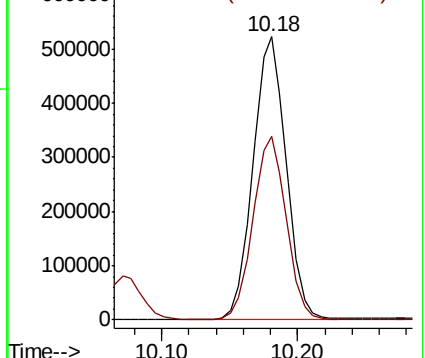
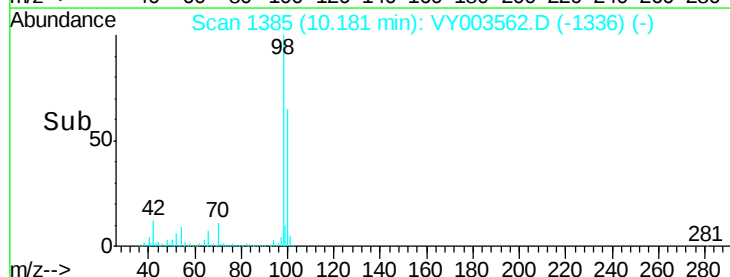
98 100

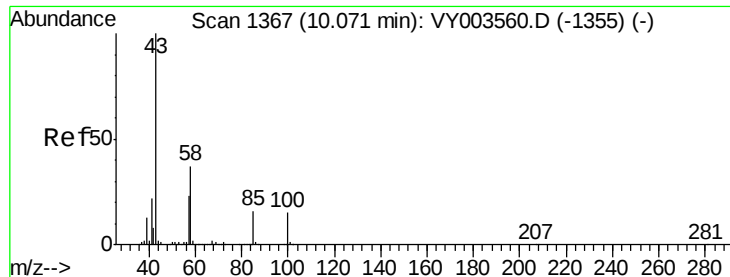
100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VY003562.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY003562.D (-1336) (-)





#51

4-Methyl-2-Pentanone

Concen: 733.647 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

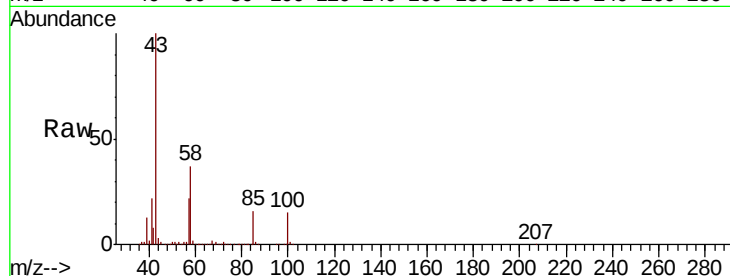
ClientSampled :

Tot Ion: 43 Resp: 982522

Ion Ratio Lower Upper

43 100

58 37.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-1355) (-)

Ion 58.00 (57.70 to 58.70): VY003560.D (-1355) (-)

10.07

600000

500000

400000

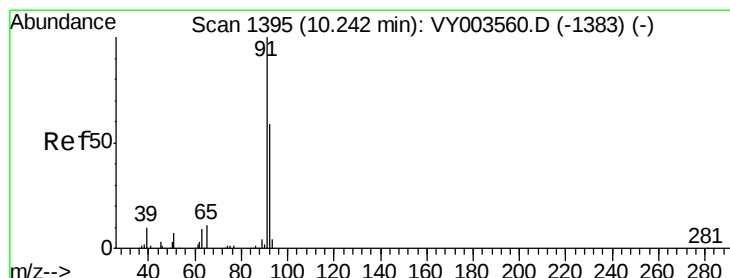
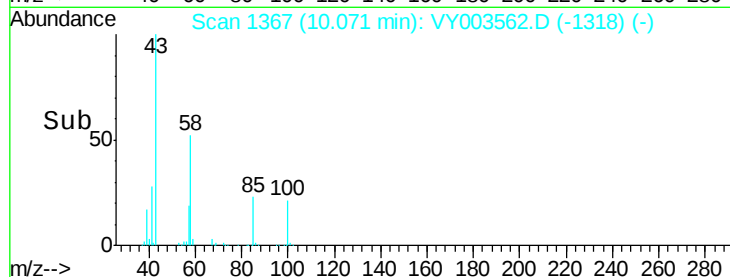
300000

200000

100000

0

Time--> 9.90 10.00 10.10 10.20



#52

Toluene

Concen: 139.128 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003562.D

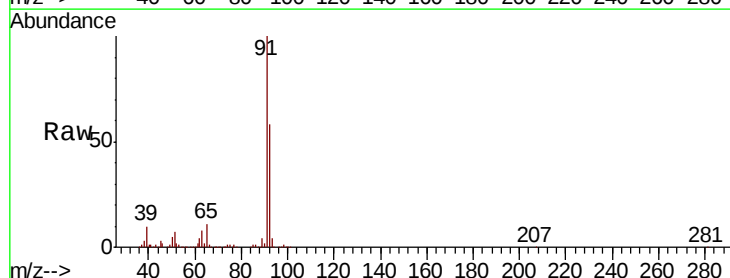
Acq: 20 Nov 2020 12:02

Tgt Ion: 92 Resp: 637712

Ion Ratio Lower Upper

92 100

91 173.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY003560.D (-1383) (-)

Ion 91.00 (90.70 to 91.70): VY003560.D (-1383) (-)

10.24

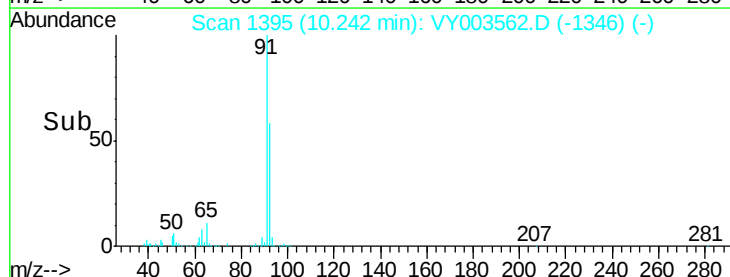
600000

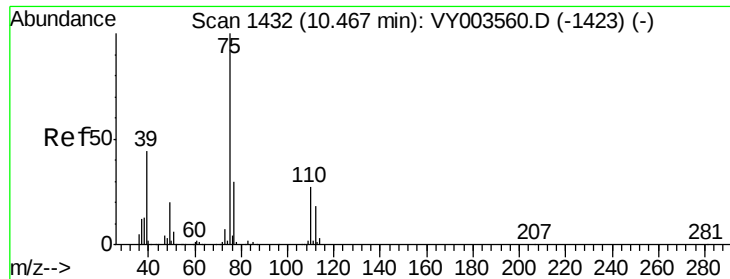
400000

200000

0

Time--> 10.15 10.20 10.25 10.30





#53

t-1,3-Dichloropropene

Concen: 144.099 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

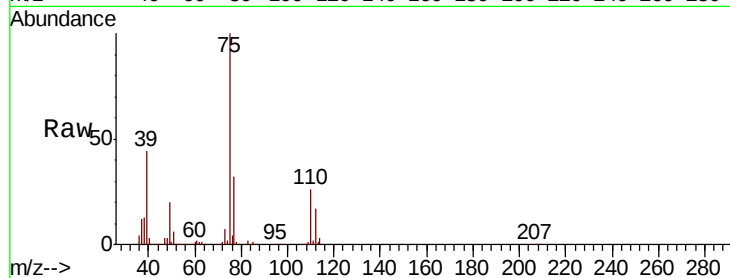
ClientSampled :

Tot Ion: 75 Resp: 378571

Ion Ratio Lower Upper

75 100

77 31.6 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

250000

200000

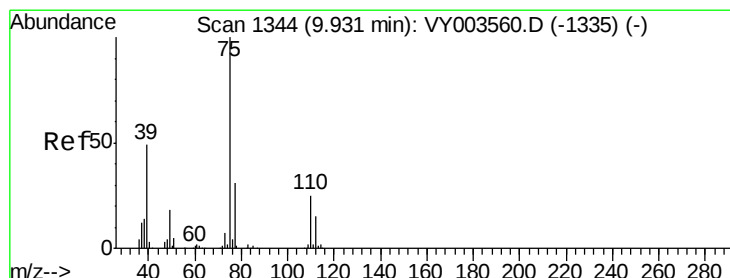
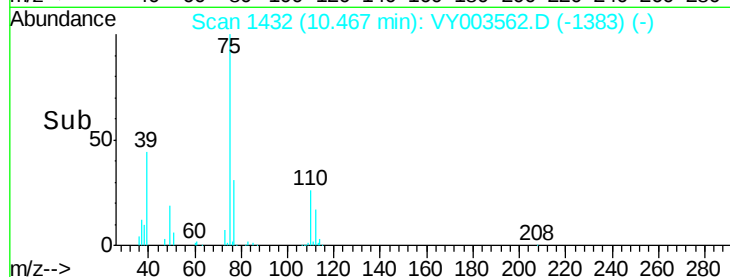
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 141.393 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

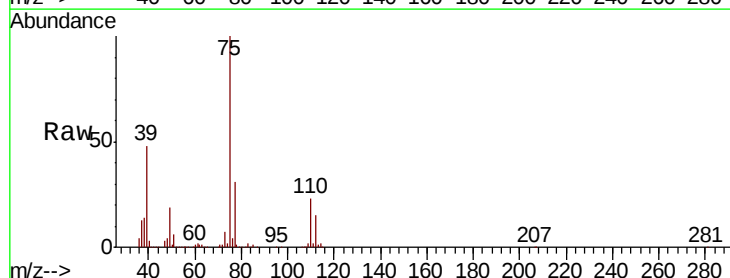
Tgt Ion: 75 Resp: 422788

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 48.4 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

300000

250000

200000

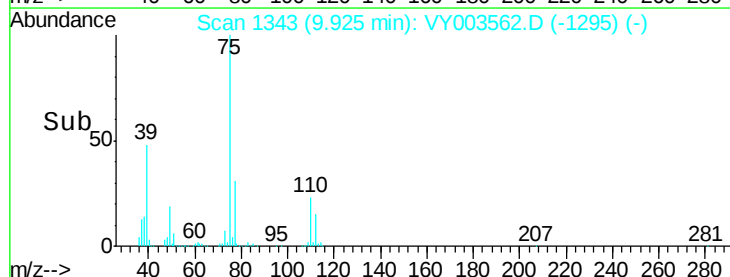
150000

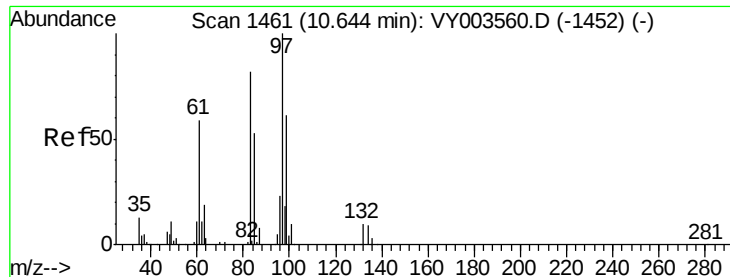
100000

50000

0

Time-->

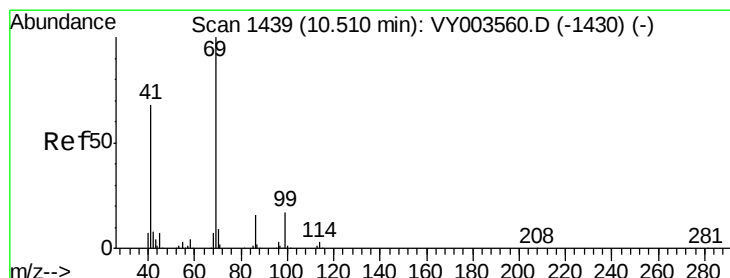
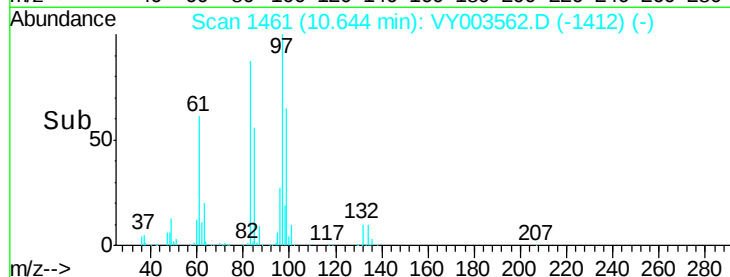
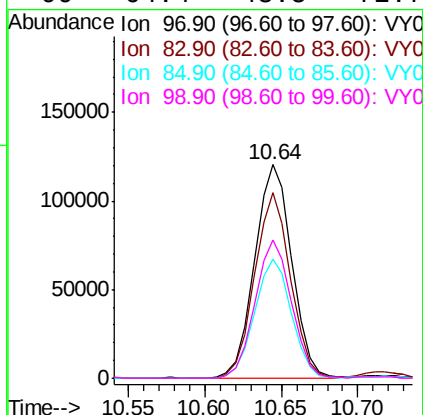
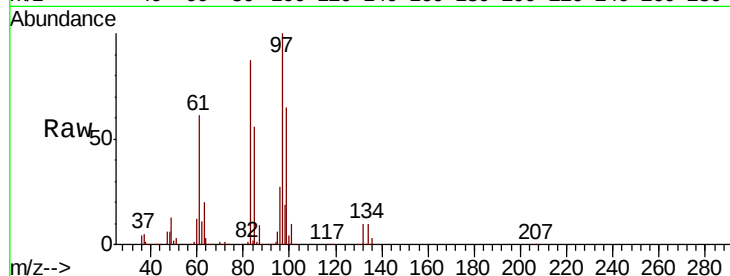




#55
 1,1,2-Trichloroethane
 Concen: 135.619 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

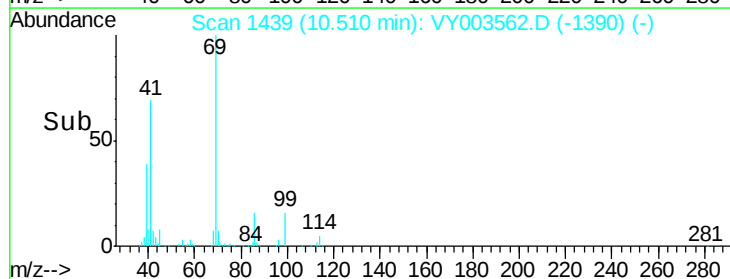
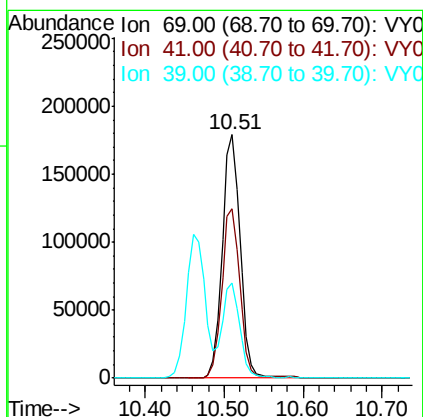
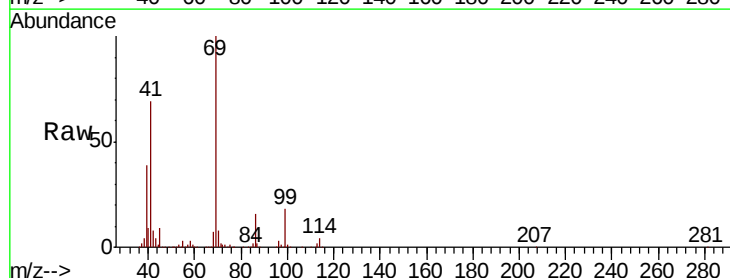
Instrument :
 MSVOA_Y
 ClientSampleId :

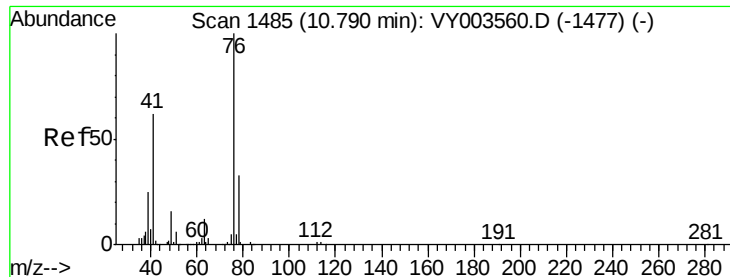
Tot Ion:	97	Resp:	203281
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.2	97.8
85	55.6	42.4	63.6
99	64.4	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 155.825 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion:	69	Resp:	283843
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.0
39	38.9	30.2	45.2





#57

1,3-Dichloropropane

Concen: 140.134 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

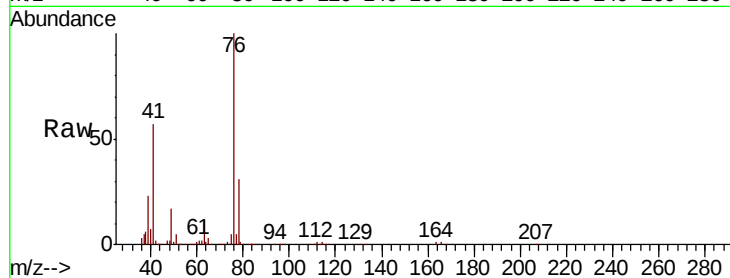
ClientSampleId :

Tot Ion: 76 Resp: 35521

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

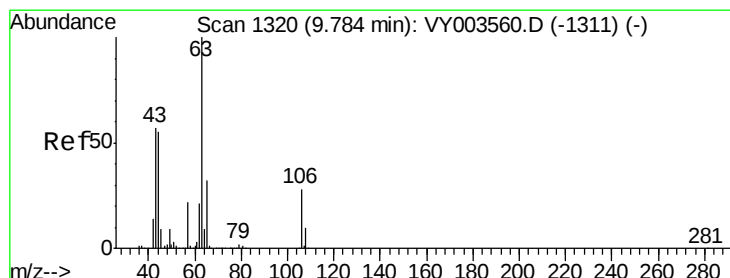
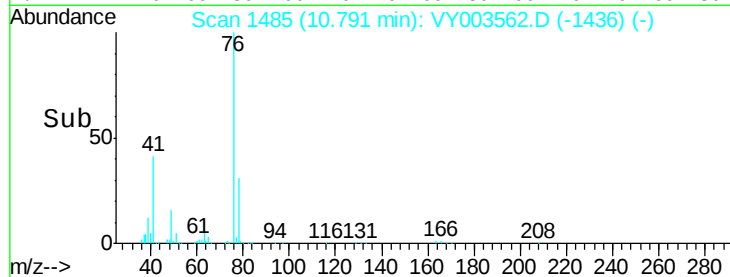
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 744.496 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003562.D

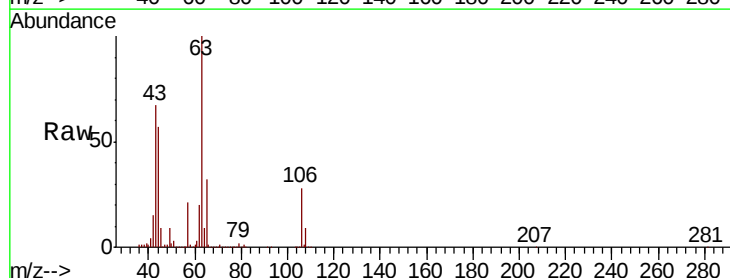
Acq: 20 Nov 2020 12:02

Tgt Ion: 63 Resp: 695949

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

500000

400000

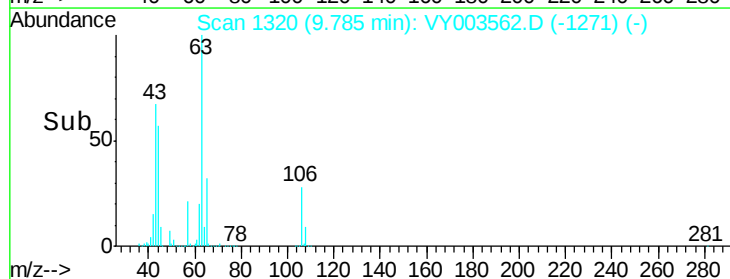
300000

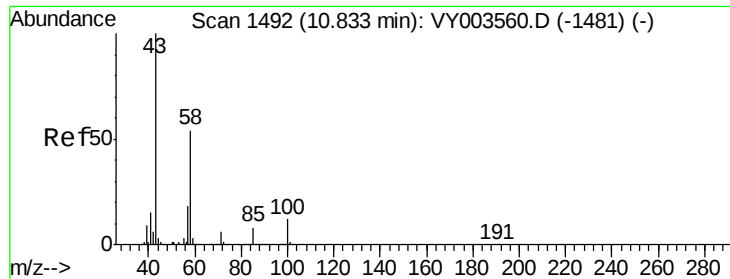
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 723.951 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

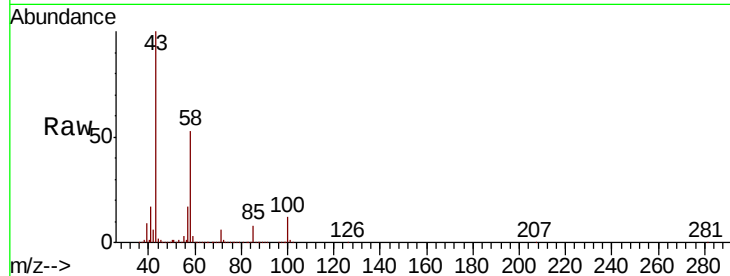
ClientSampleId :

Tot Ion: 43 Resp: 799247

Ion Ratio Lower Upper

43 100

58 52.6 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VY003560.D (-1481) (-)

Ion 58.00 (57.70 to 58.70): VY003560.D (-1481) (-)

10.83

500000

400000

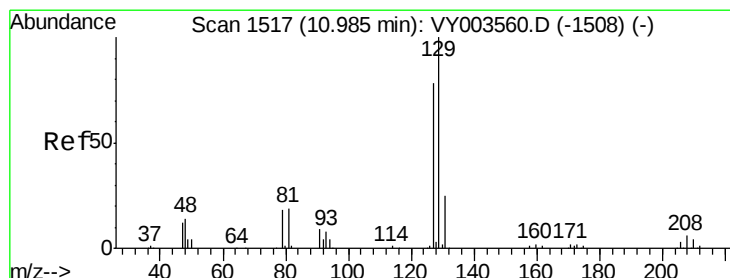
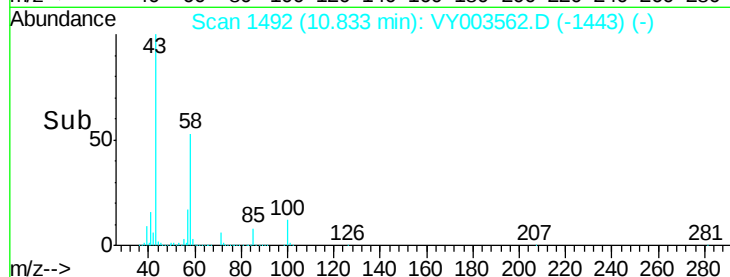
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 140.353 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VY003562.D

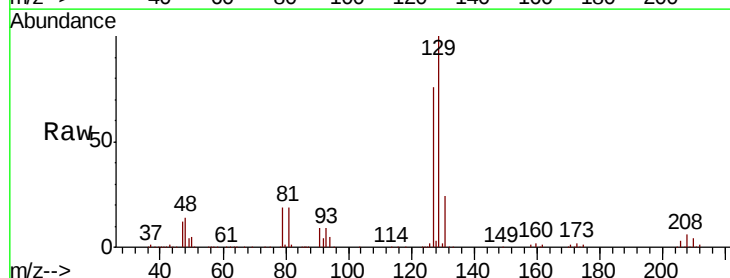
Acq: 20 Nov 2020 12:02

Tgt Ion: 129 Resp: 254369

Ion Ratio Lower Upper

129 100

127 76.9 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VY003560.D (-1508) (-)

Ion 126.80 (126.50 to 127.50): VY003560.D (-1508) (-)

10.99

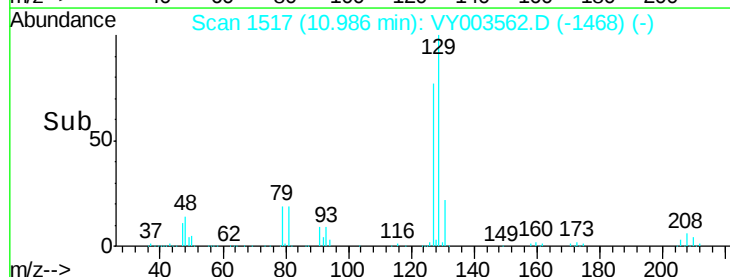
150000

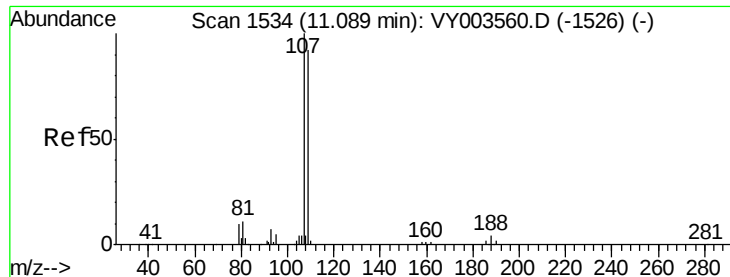
100000

50000

0

Time-->

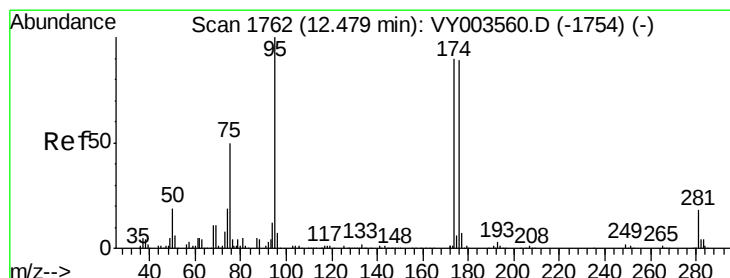
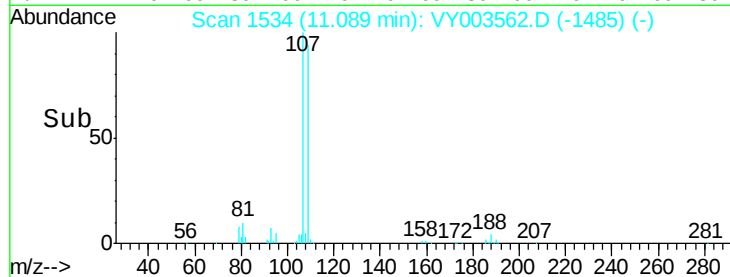
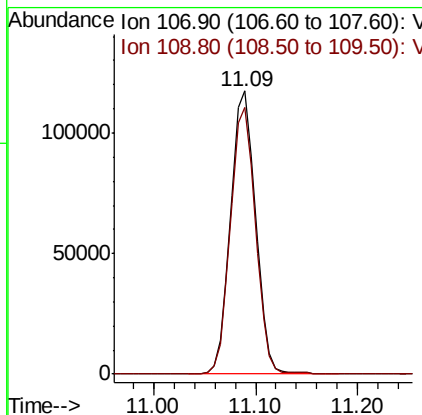
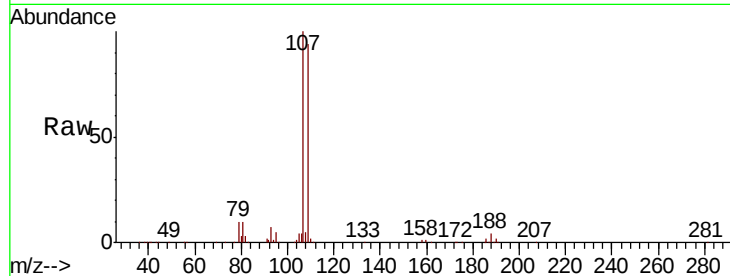




#61
 1,2-Dibromoethane
 Concen: 137.584 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

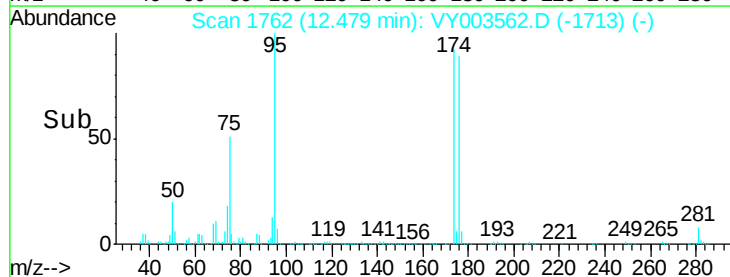
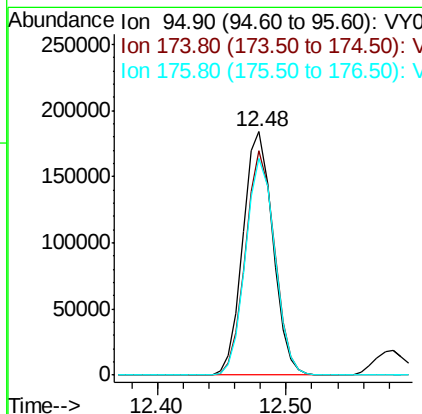
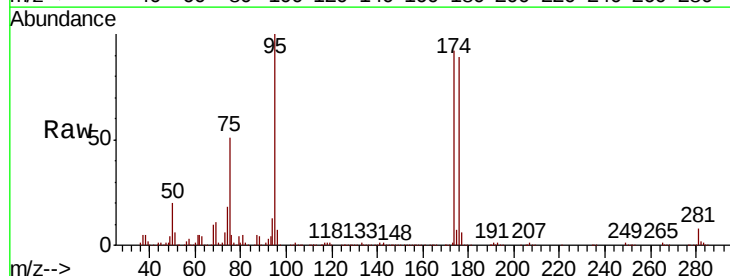
Instrument :
 MSVOA_Y
 ClientSampled :

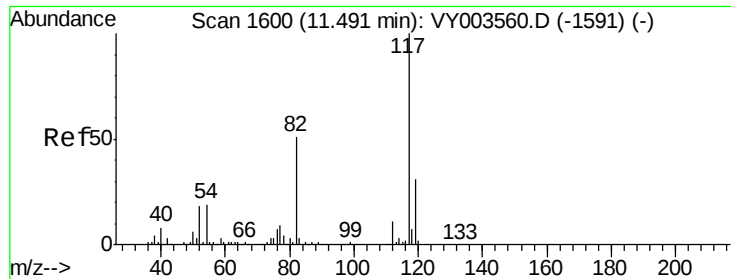
Tot Ion: 107 Resp: 198735
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 141.740 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion: 95 Resp: 294929
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 184.0
 176 87.5 0.0 180.4

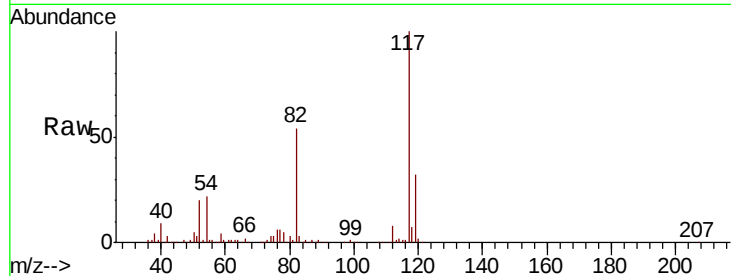




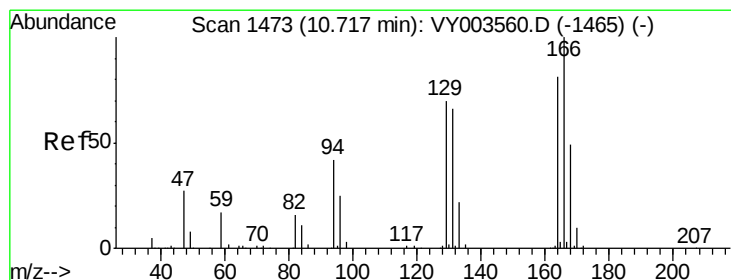
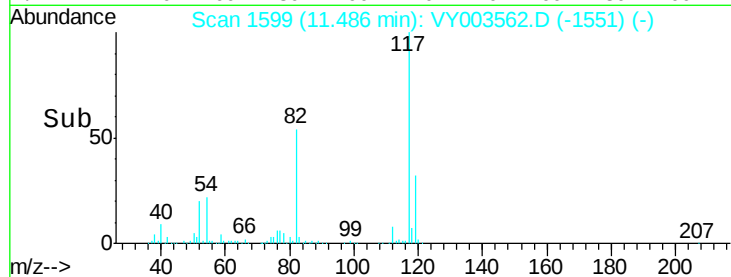
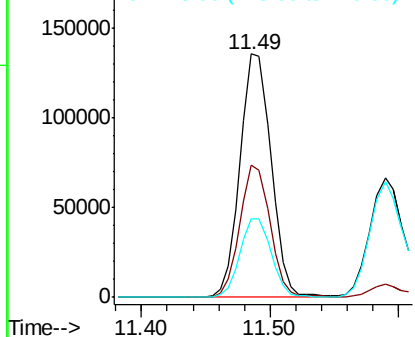
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 228444
Ion Ratio Lower Upper
117 100
82 54.2 41.0 61.6
119 32.2 25.0 37.6

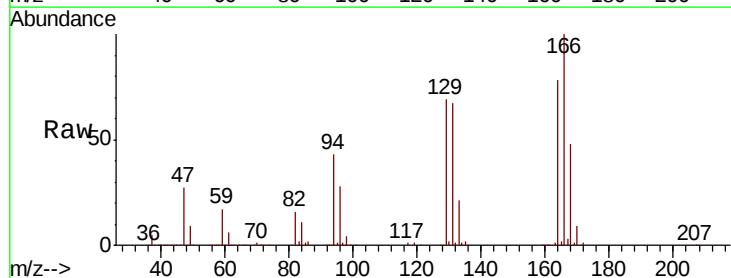


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

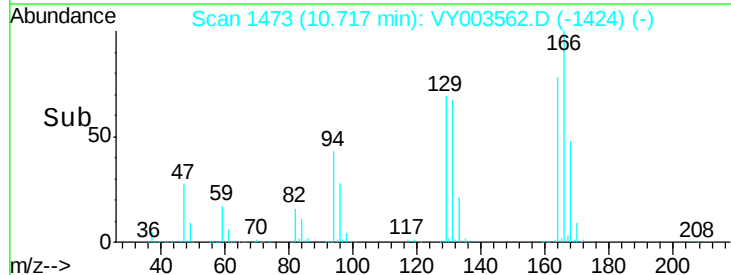
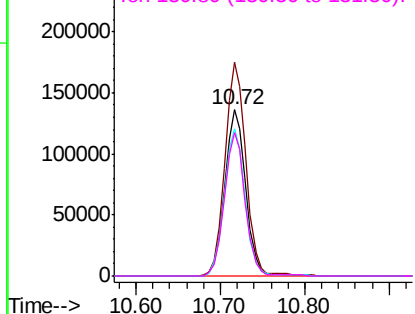


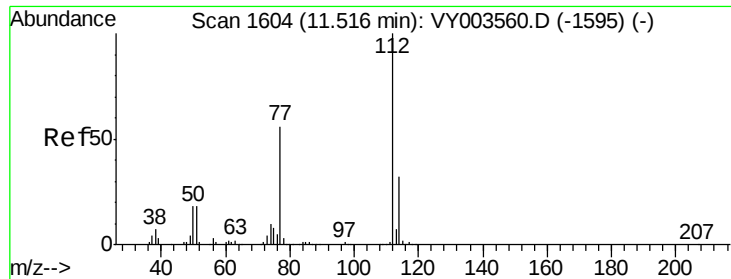
#64
Tetrachloroethene
Concen: 135.710 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion:164 Resp: 231573
Ion Ratio Lower Upper
164 100
166 128.6 99.0 148.4
129 88.6 69.1 103.7
131 86.6 65.4 98.0



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

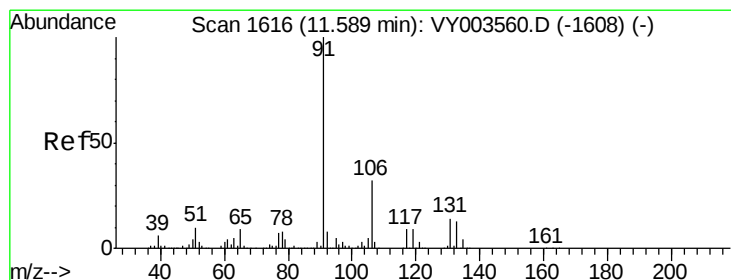
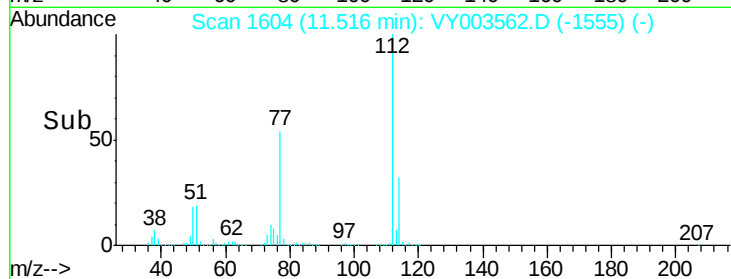
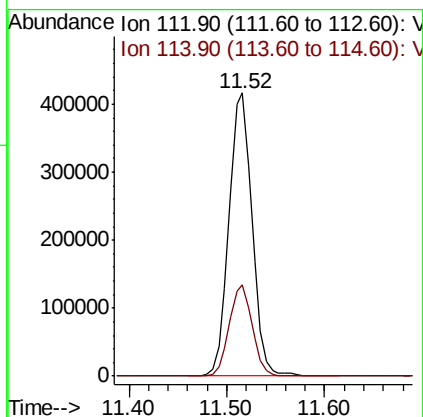
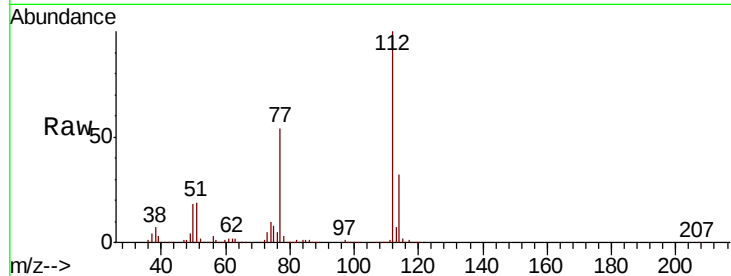




#65
Chlorobenzene
Concen: 138.168 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

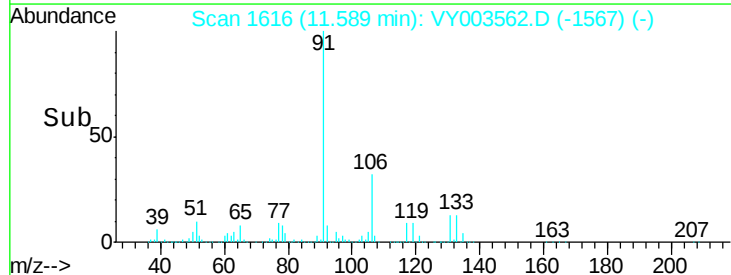
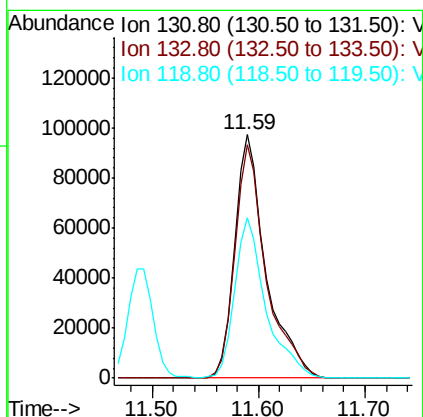
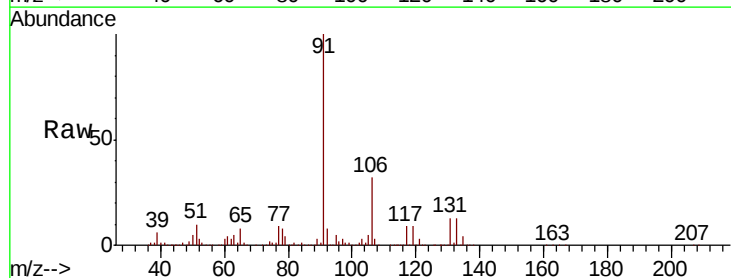
Instrument :
MSVOA_Y
ClientSampleId :

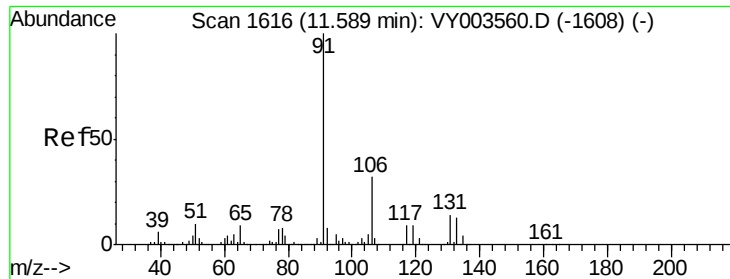
Tot Ion:112 Resp: 682890
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 141.564 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion:131 Resp: 200768
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 65.7 32.6 97.7

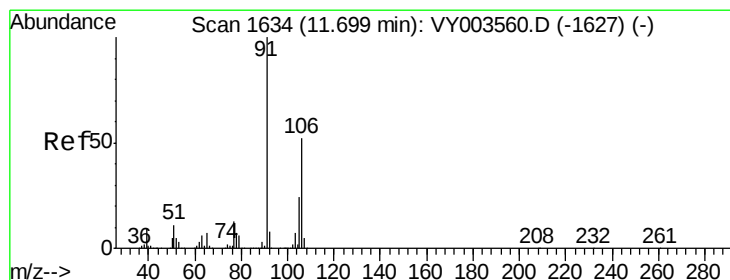
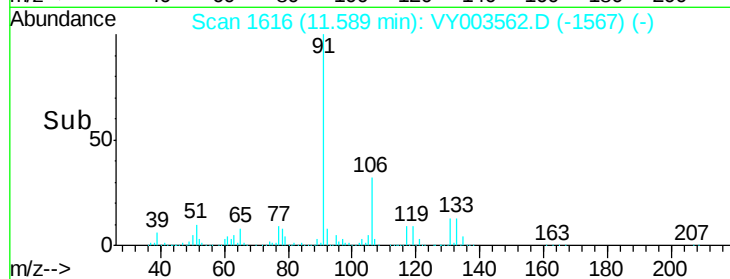
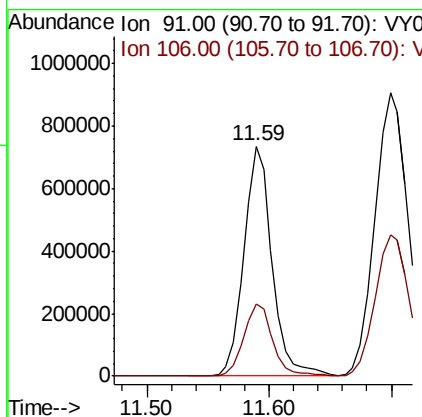
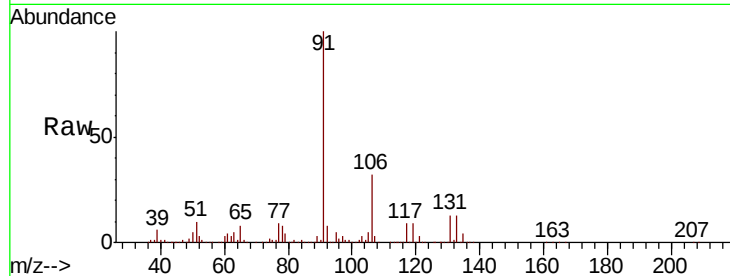




#67
Ethyl Benzene
Concen: 145.125 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

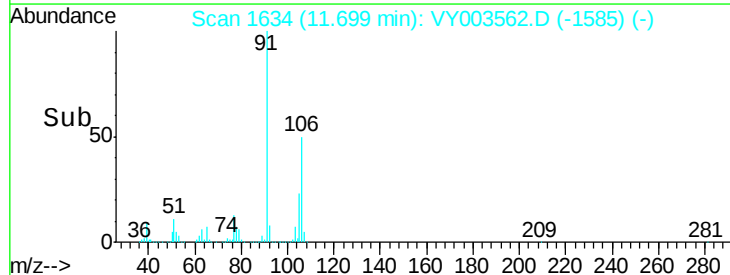
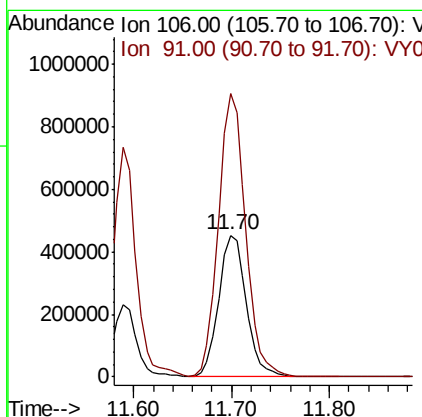
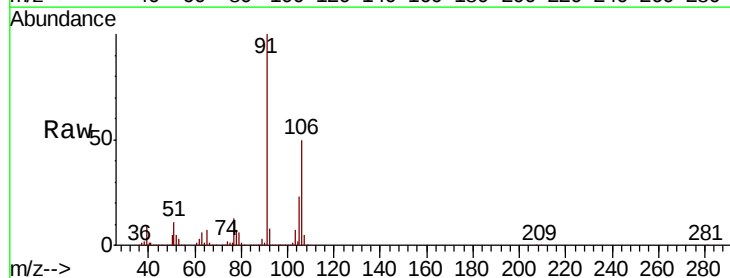
Instrument :
MSVOA_Y
ClientSampleId :

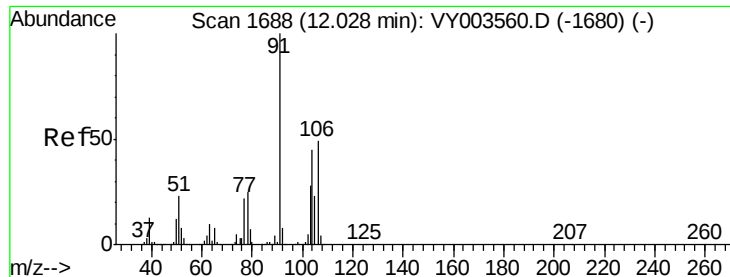
Tot Ion: 91 Resp: 1175336
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 285.585 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 106 Resp: 885652
Ion Ratio Lower Upper
106 100
91 197.0 154.2 231.4

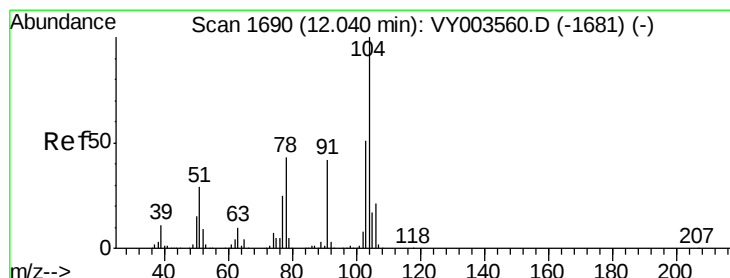
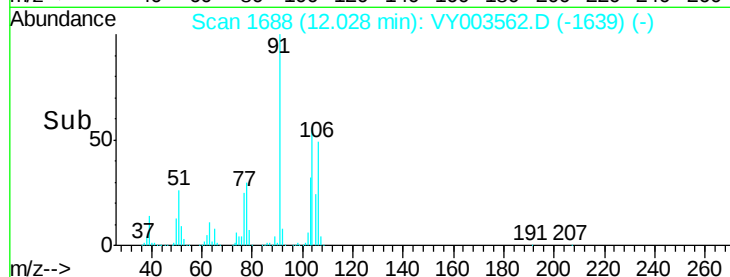
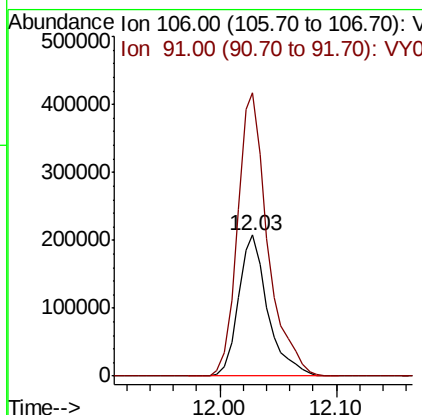
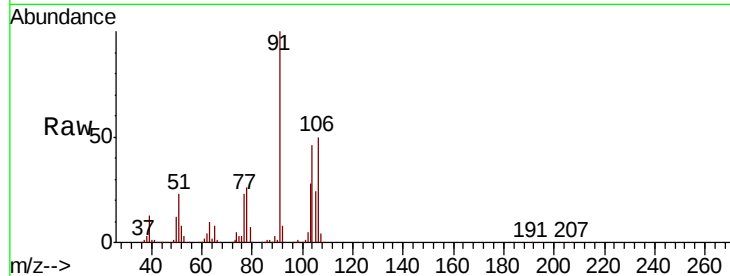




#69
o-Xylene
Concen: 146.106 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

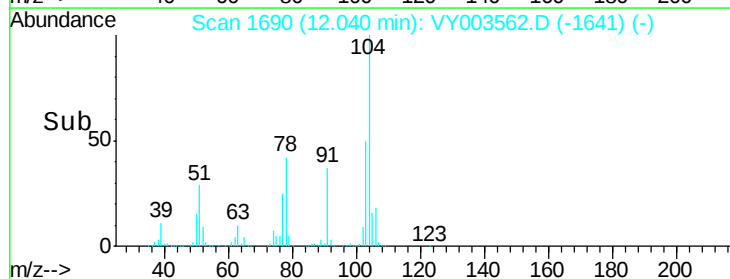
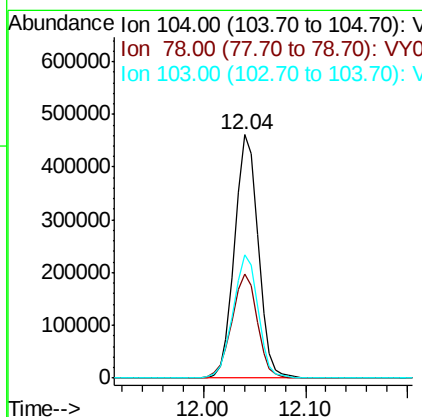
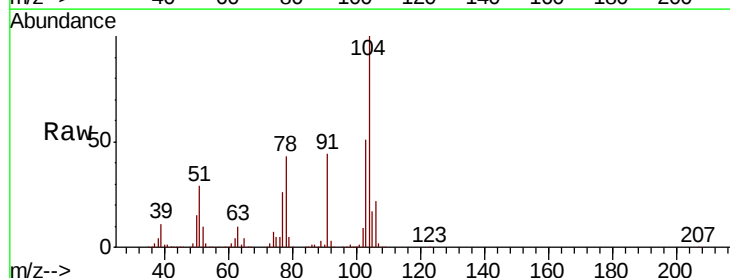
Instrument :
MSVOA_Y
ClientSampled :

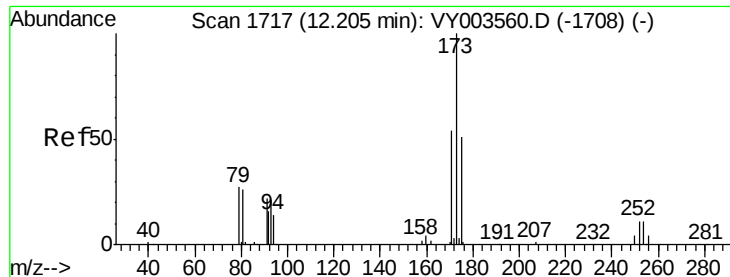
Tot Ion:106 Resp: 362436
Ion Ratio Lower Upper
106 100
91 206.6 103.1 309.1



#70
Styrene
Concen: 146.721 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion:104 Resp: 733558
Ion Ratio Lower Upper
104 100
78 46.4 36.6 54.8
103 53.9 43.6 65.4





#71

Bromoform

Concen: 141.411 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

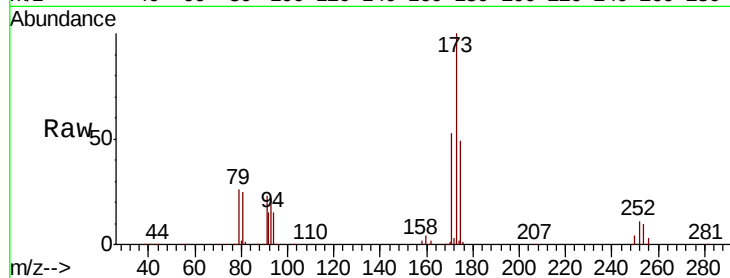
Tot Ion:173 Resp: 161955

Ion Ratio Lower Upper

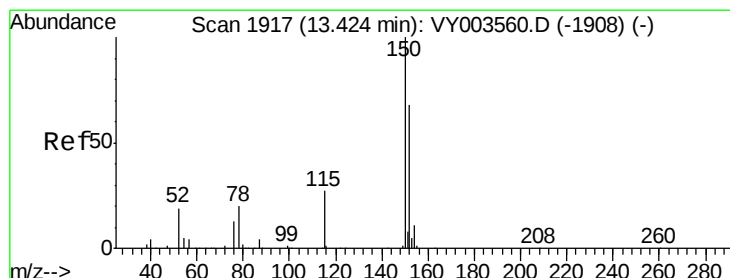
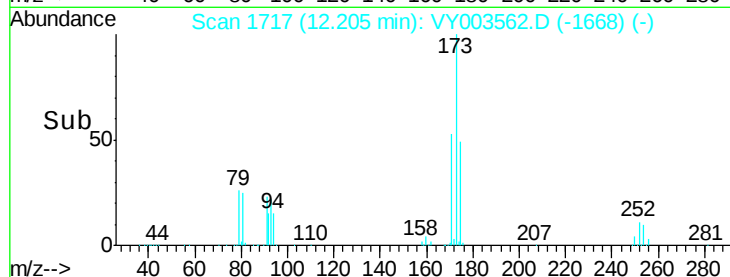
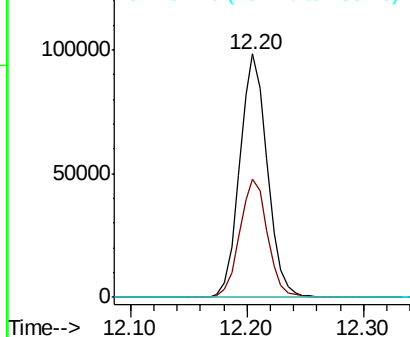
173 100

175 49.0 24.6 73.6

254 0.1 0.1 0.1#



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: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

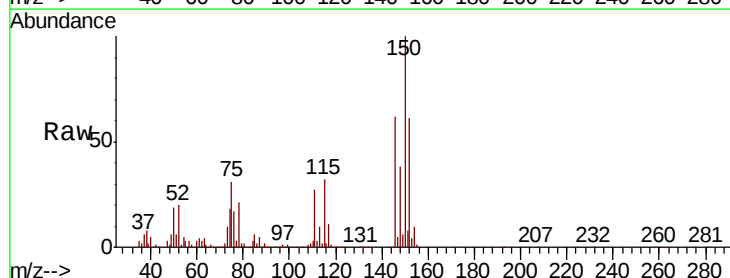
Tgt Ion:152 Resp: 109404

Ion Ratio Lower Upper

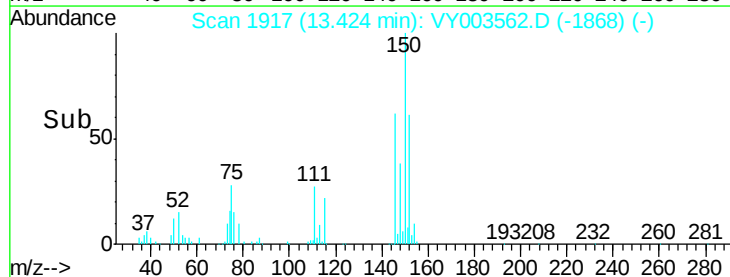
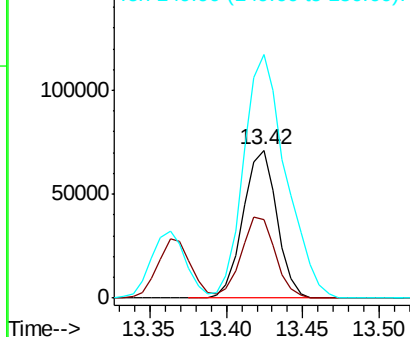
152 100

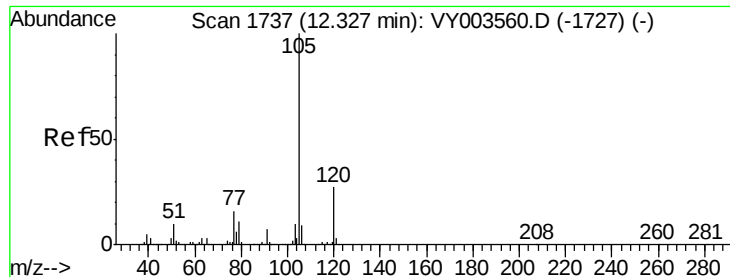
115 55.1 27.4 82.0

150 205.4 0.0 349.6



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: 147.631 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

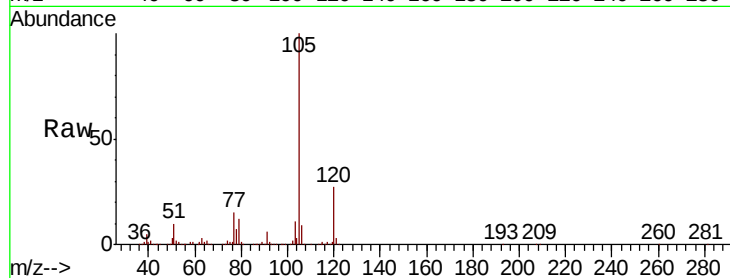
ClientSampleId :

Tot Ion:105 Resp: 804521

Ion Ratio Lower Upper

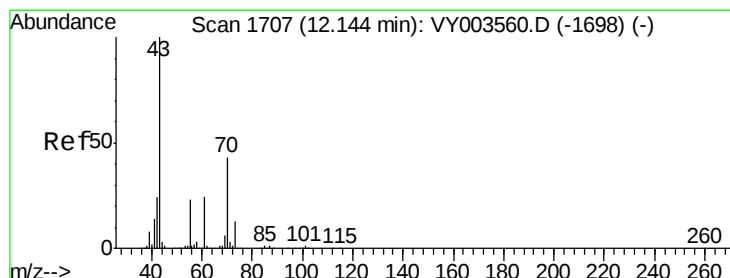
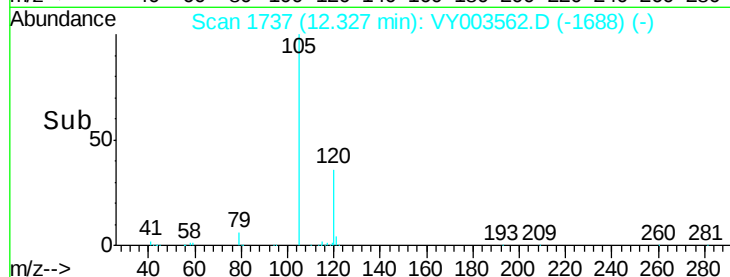
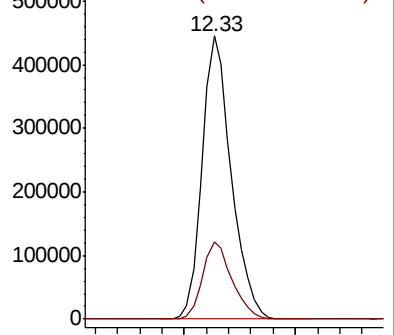
105 100

120 27.5 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 155.627 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Tgt Ion: 43 Resp: 335869

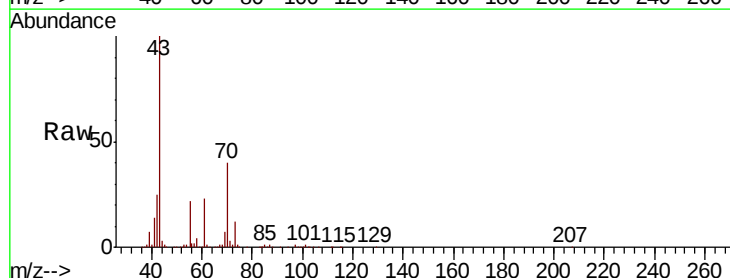
Ion Ratio Lower Upper

43 100

70 40.2 32.2 48.4

55 22.0 18.6 28.0

61 23.4 18.6 28.0

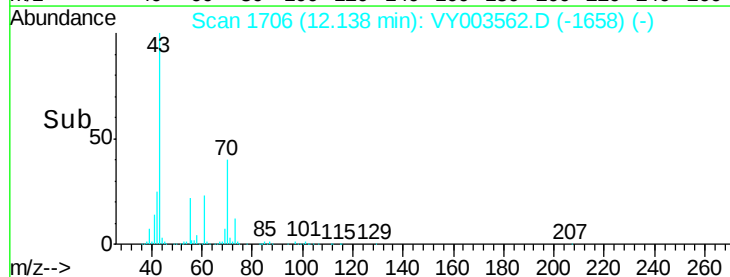
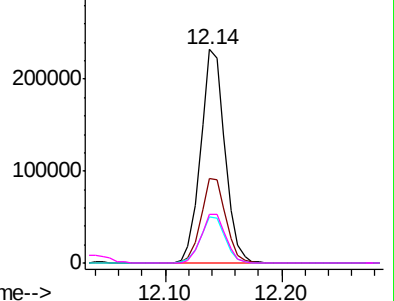


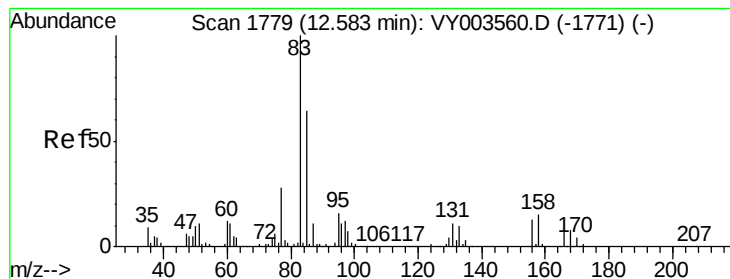
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 139.938 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

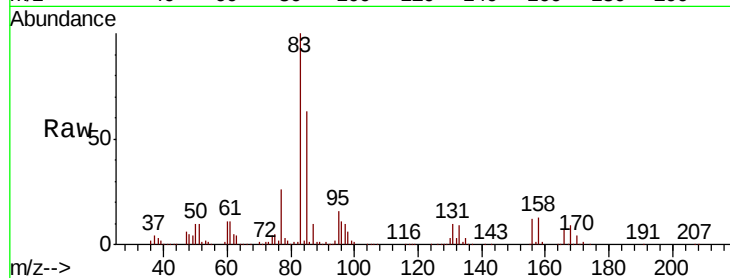
Tot Ion: 83 Resp: 212207

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	65.0	32.5	97.4

83 100

131 10.5 5.2 15.6

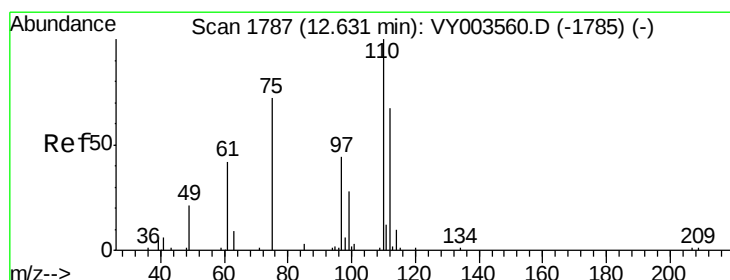
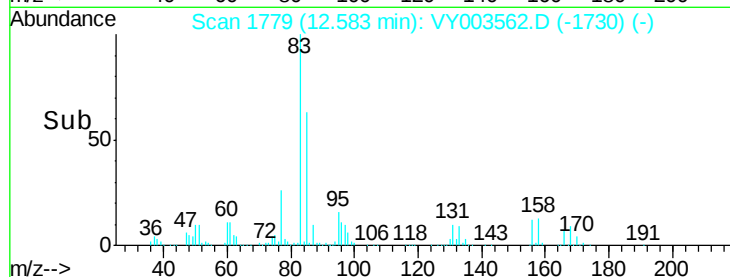
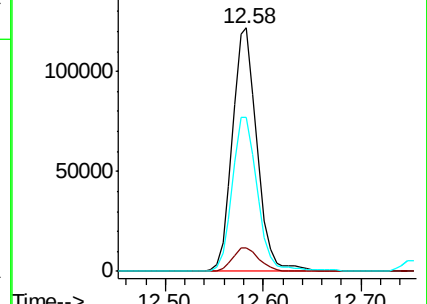
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VY003562.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003562.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003562.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 272.075 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003562.D

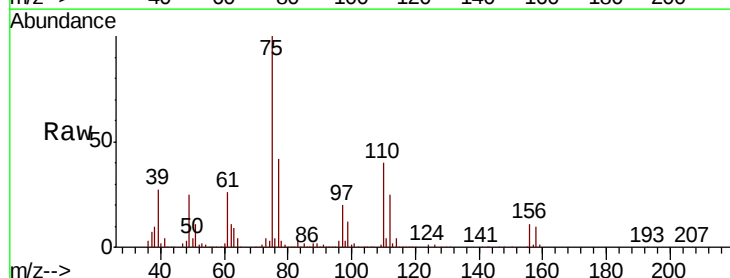
Acq: 20 Nov 2020 12:02

Tgt Ion: 75 Resp: 303486

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

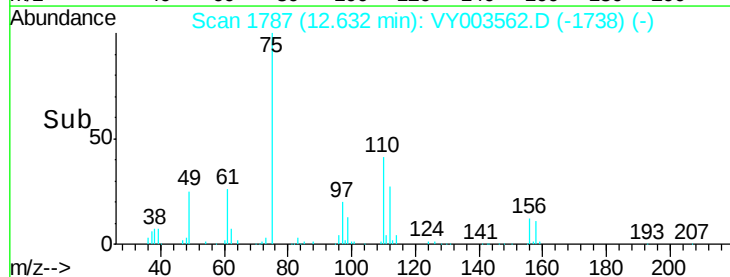
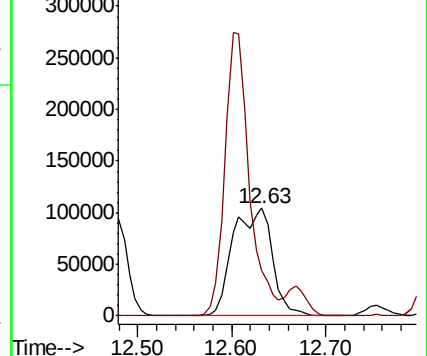
75 100

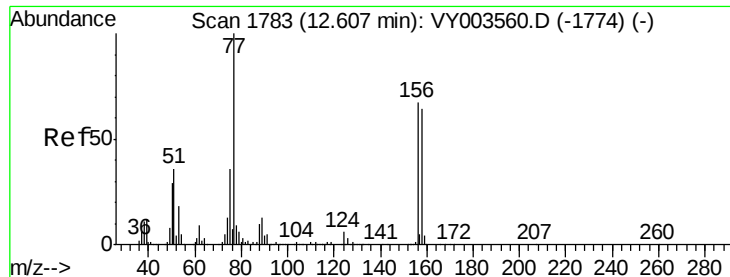
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003562.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003562.D (-1738) (-)





#77

Bromobenzene

Concen: 140.390 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

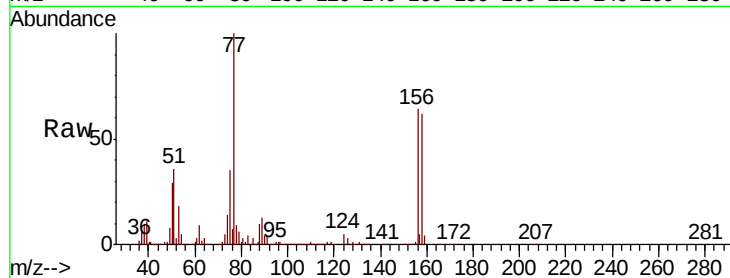
Tot Ion:156 Resp: 281483

Ion Ratio Lower Upper

156 100

77 176.5 85.7 257.1

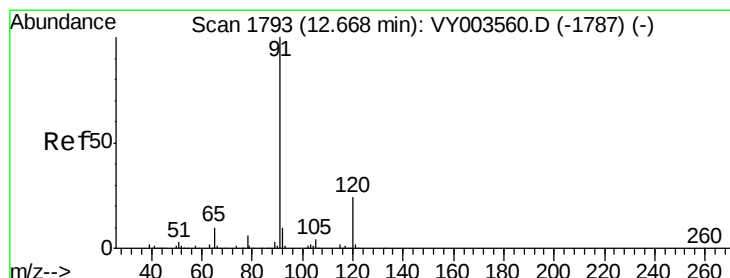
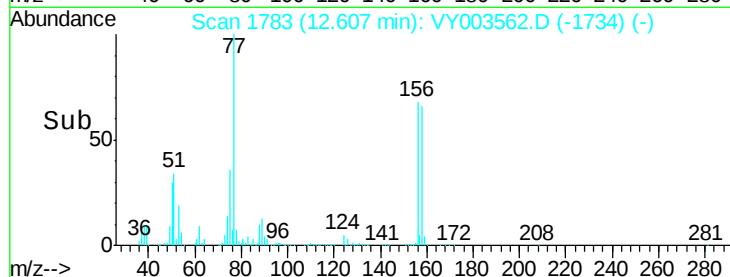
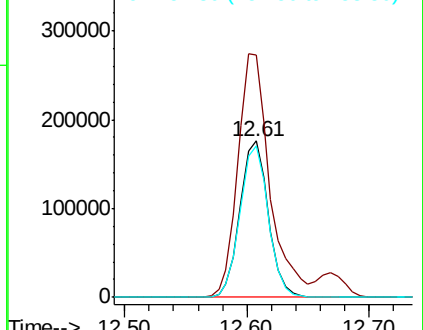
158 97.3 48.8 146.4



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: 145.858 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003562.D

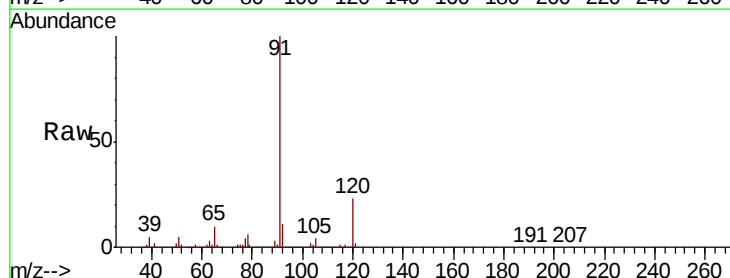
Acq: 20 Nov 2020 12:02

Tgt Ion: 91 Resp: 1116683

Ion Ratio Lower Upper

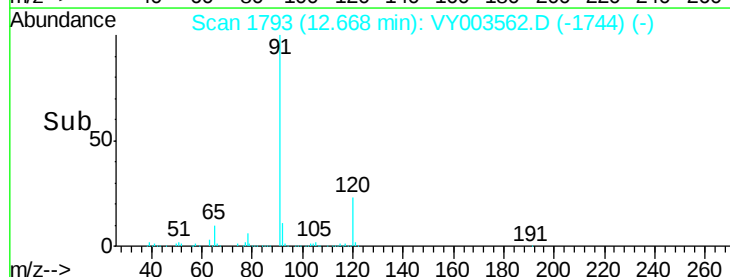
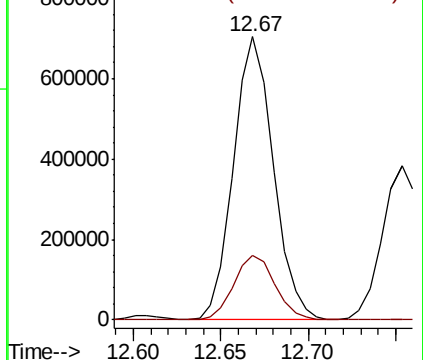
91 100

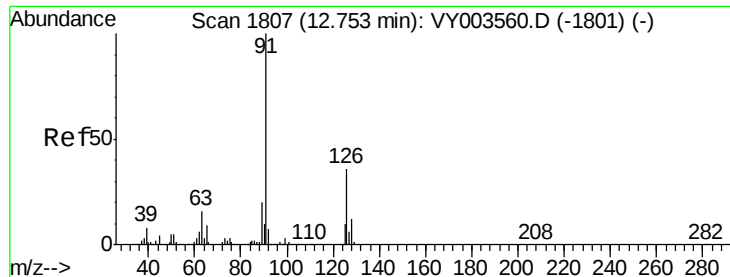
120 23.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.505 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

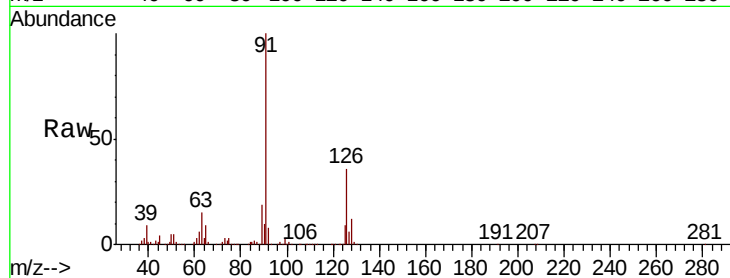
ClientSampleId :

Tot Ion: 91 Resp: 629756

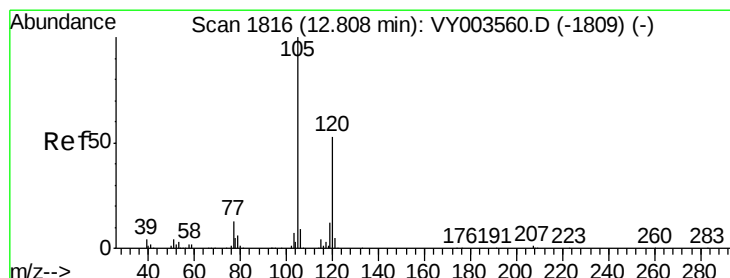
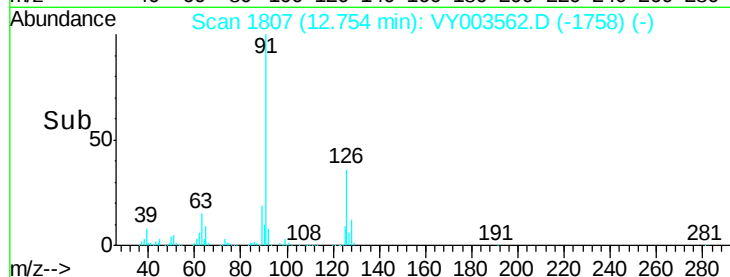
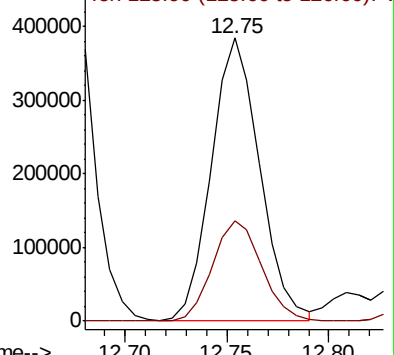
Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VY003562.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 138.148 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003562.D

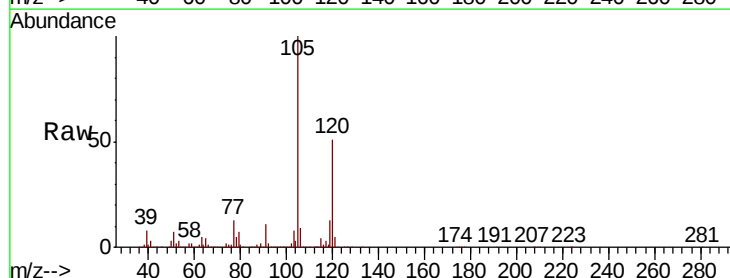
Acq: 20 Nov 2020 12:02

Tgt Ion: 105 Resp: 565840

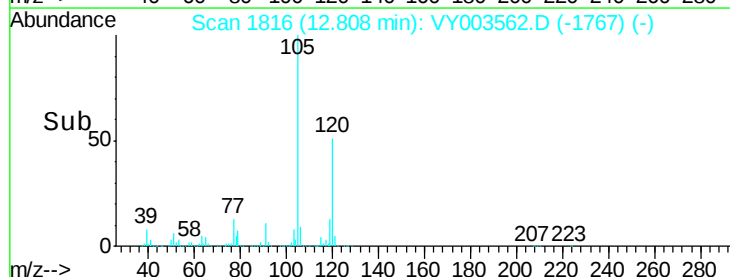
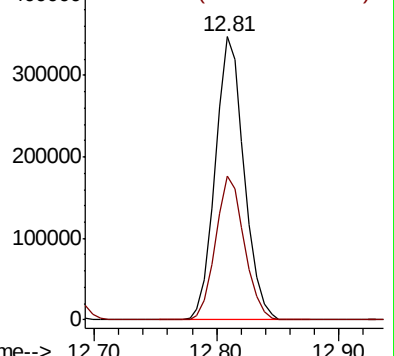
Ion Ratio Lower Upper

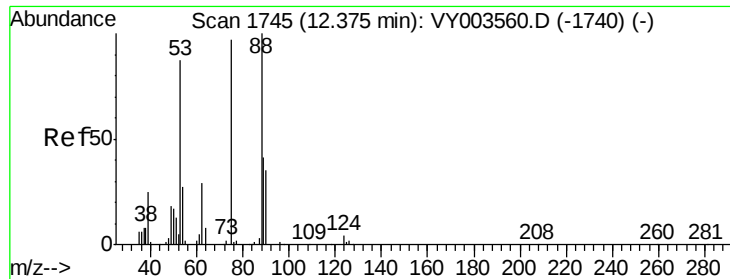
105 100

120 50.9 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY003562.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 144.422 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

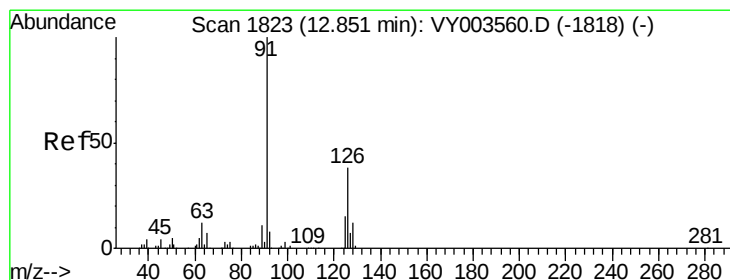
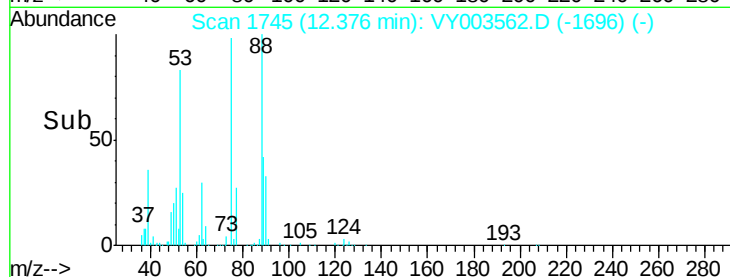
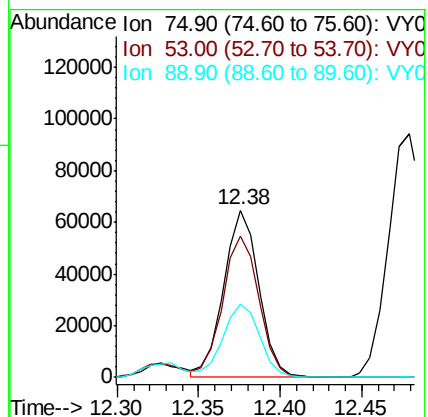
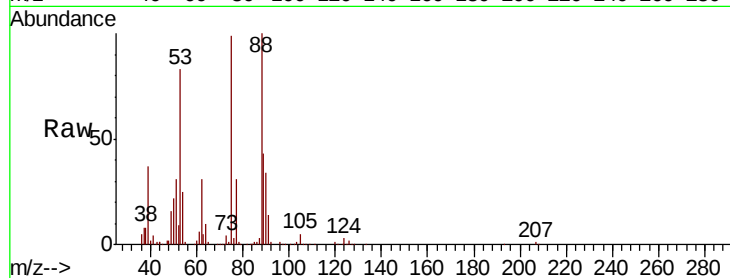
Tot Ion: 75 Resp: 96359

Ion Ratio Lower Upper

75 100

53 88.6 71.4 107.2

89 46.2 34.7 52.1



#82

4-Chlorotoluene

Concen: 144.198 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003562.D

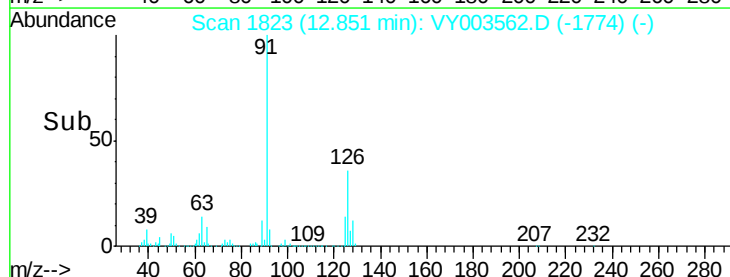
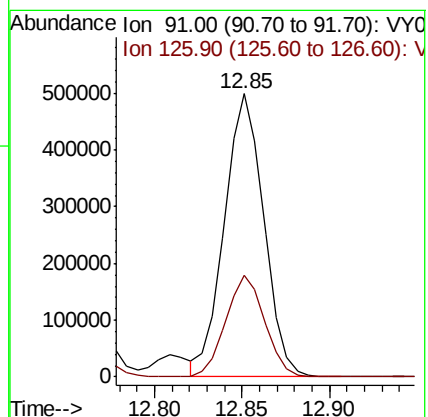
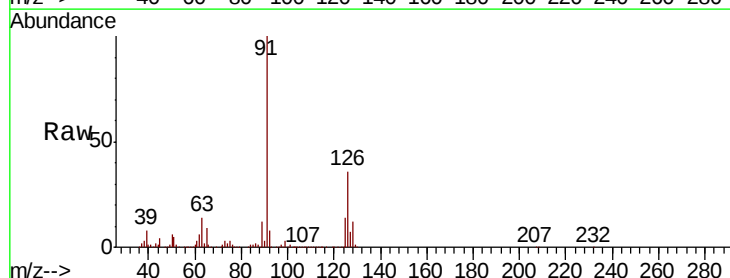
Acq: 20 Nov 2020 12:02

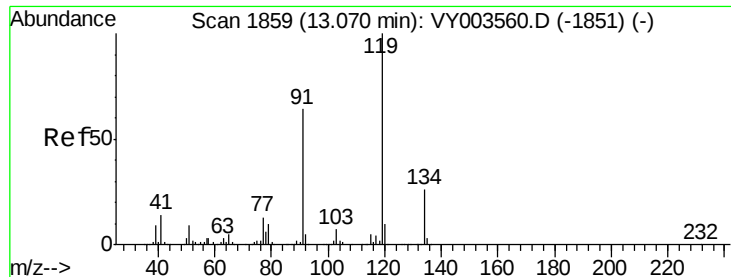
Tgt Ion: 91 Resp: 780745

Ion Ratio Lower Upper

91 100

126 35.5 18.1 54.3

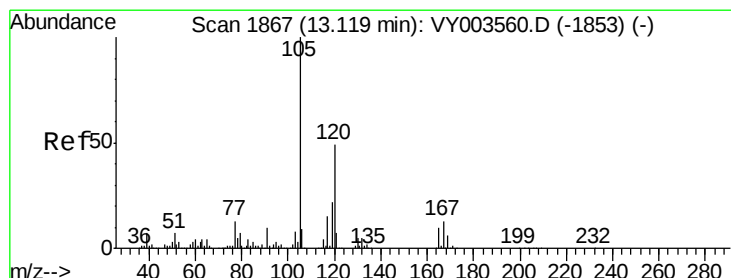
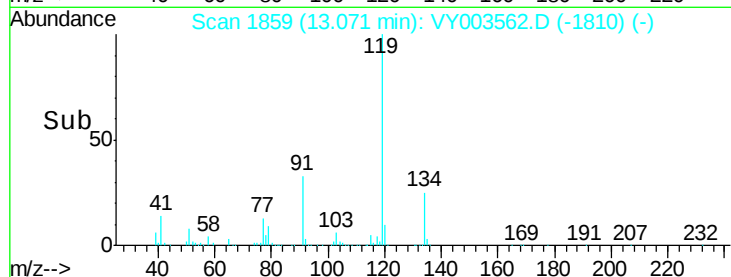
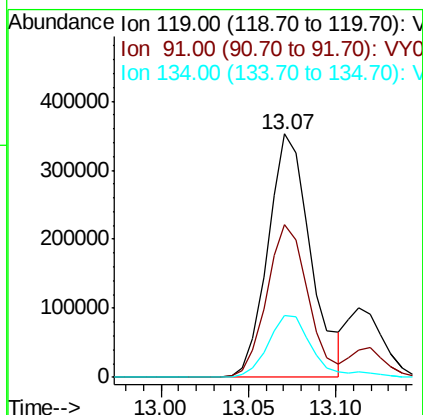
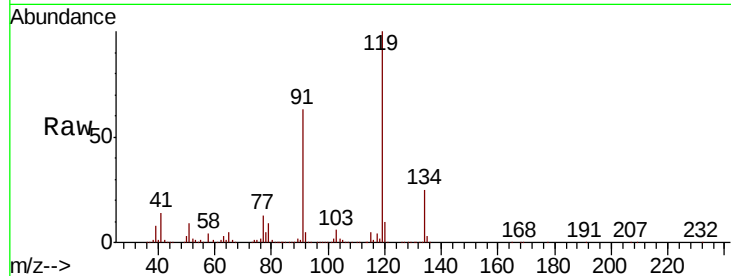




#83
tert-Butylbenzene
Concen: 144.322 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

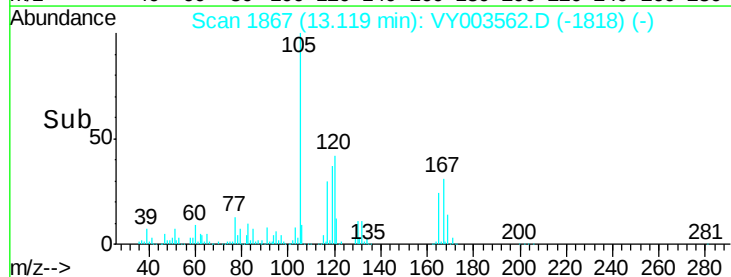
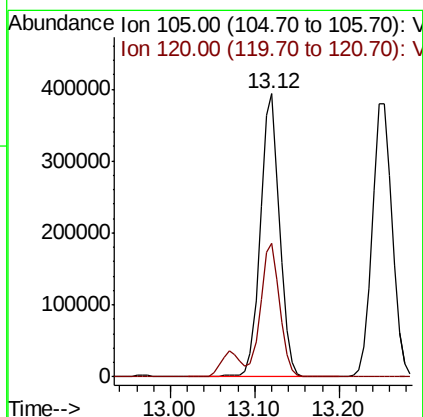
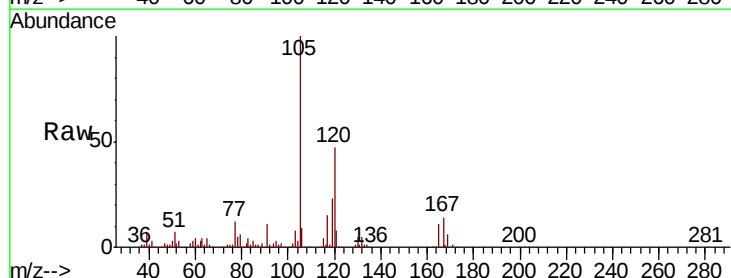
Instrument :
MSVOA_Y
ClientSampleId :

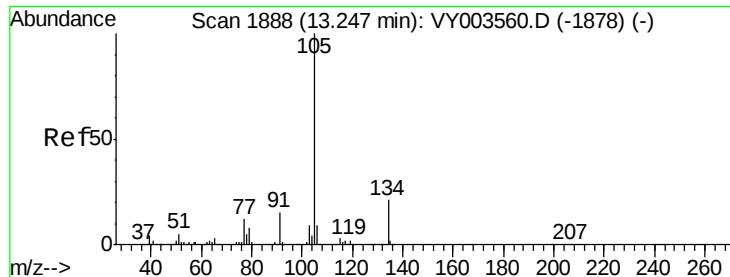
Tot Ion:119 Resp: 598354
Ion Ratio Lower Upper
119 100
91 61.0 31.8 95.3
134 26.9 14.1 42.2



#84
1,2,4-Trimethylbenzene
Concen: 140.923 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion:105 Resp: 614574
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.4





#85

sec-Butylbenzene

Concen: 133.726 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

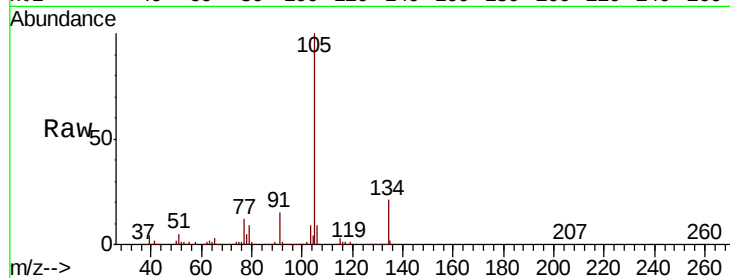
ClientSampled :

Tot Ion:105 Resp: 627557

Ion Ratio Lower Upper

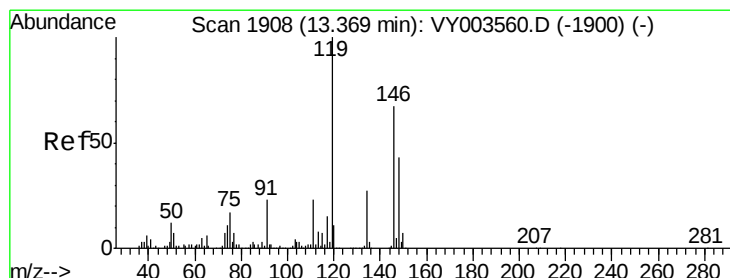
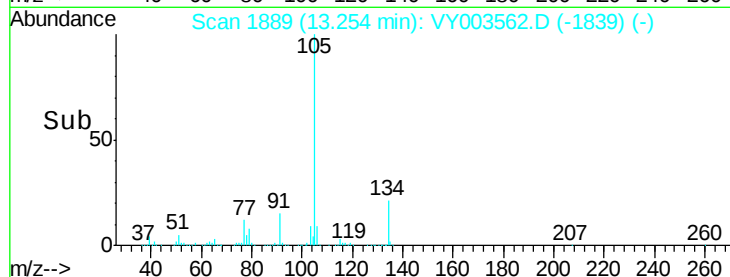
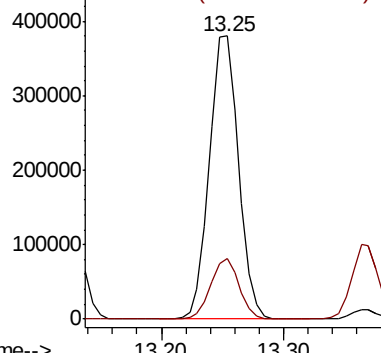
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 133.258 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

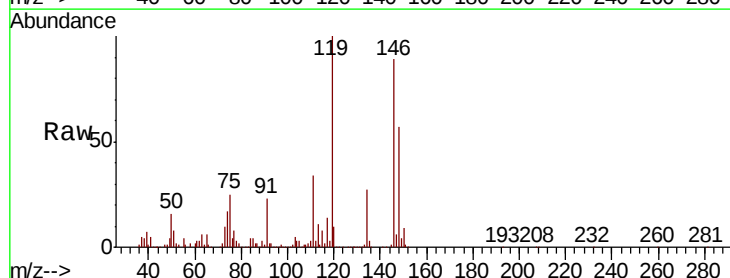
Tgt Ion:119 Resp: 561113

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.4

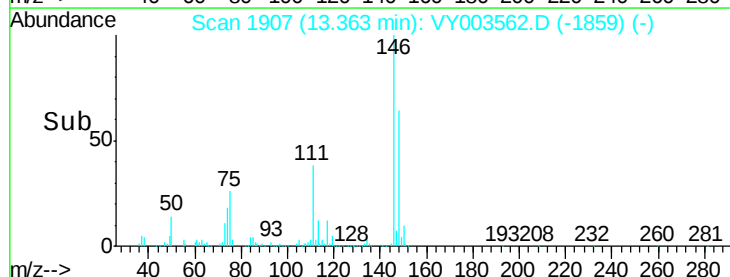
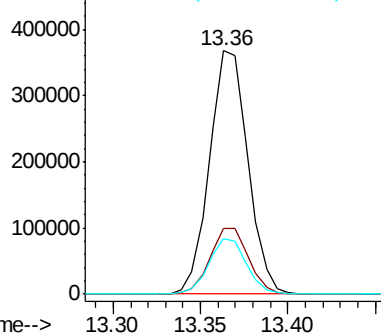
91 22.4 11.4 34.2

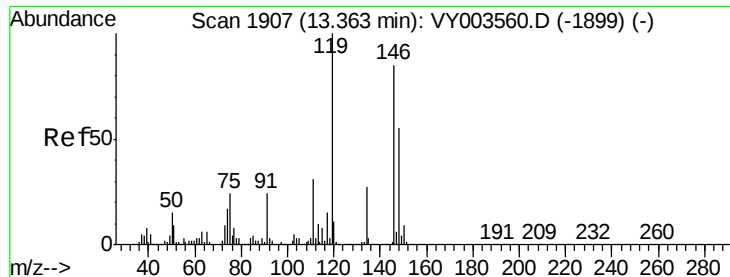


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

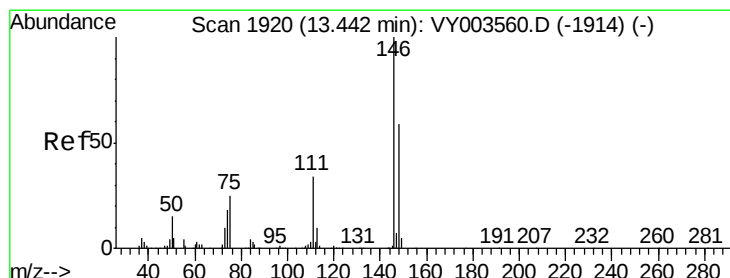
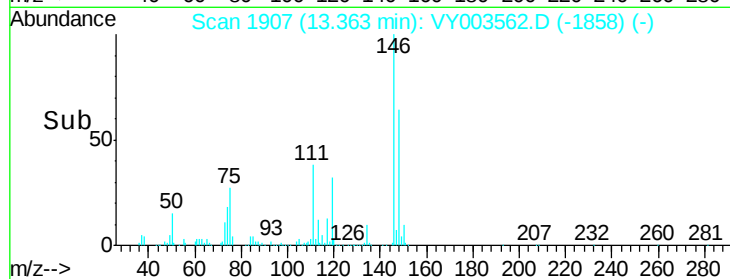
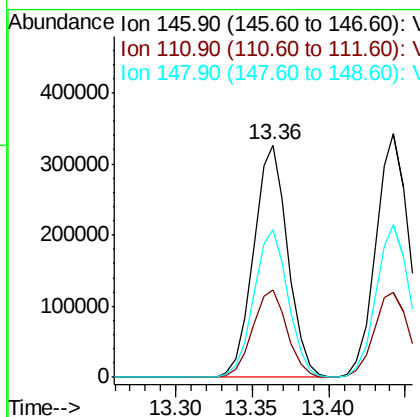
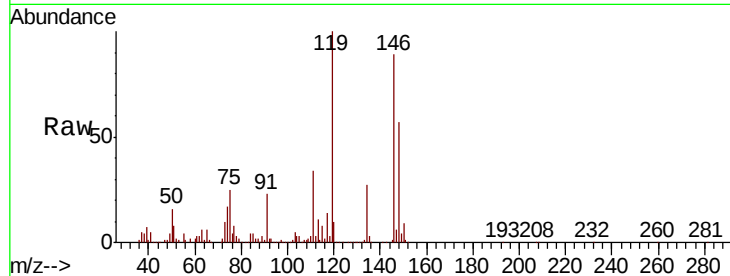




#87
 1,3-Dichlorobenzene
 Concen: 138.771 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

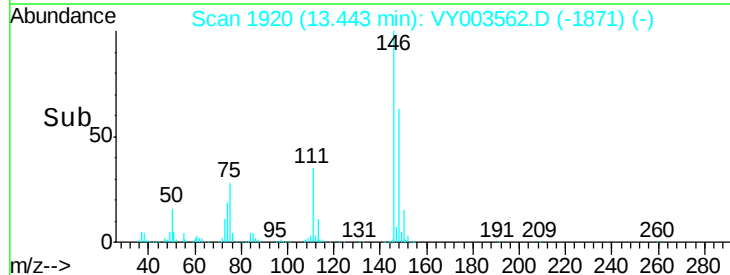
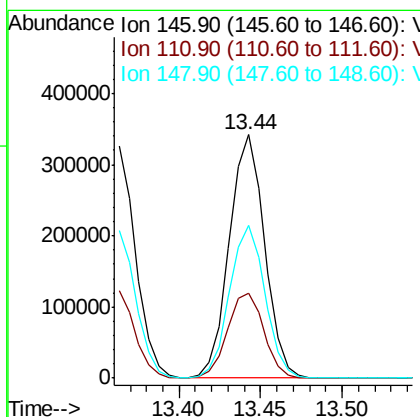
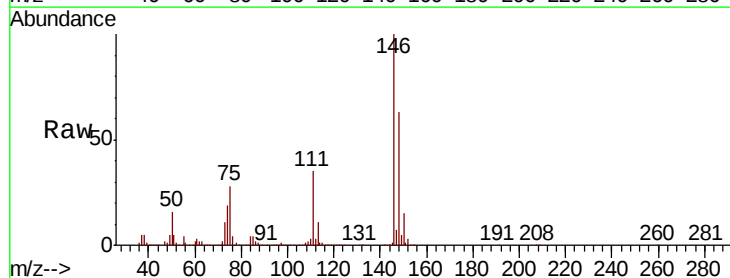
Instrument :
 MSVOA_Y
 ClientSampleId :

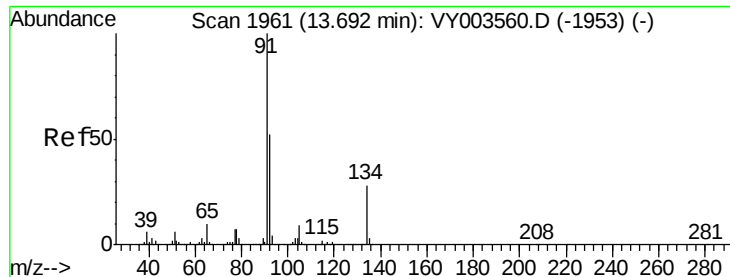
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.9
148	63.9	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 137.691 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.8	53.4
148	63.2	31.1	93.2

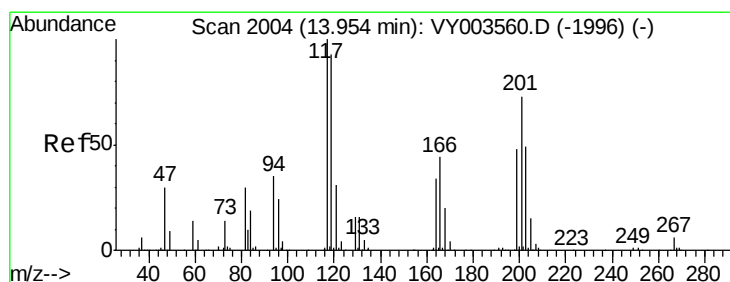
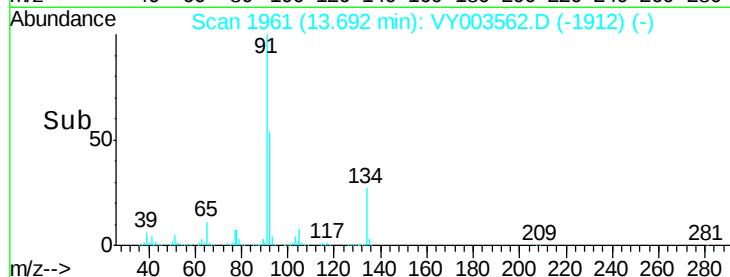
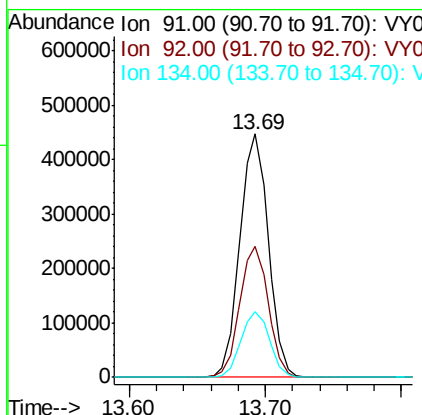
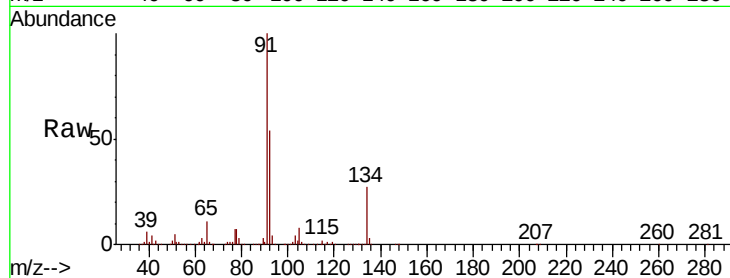




#89
n-Butylbenzene
Concen: 145.015 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

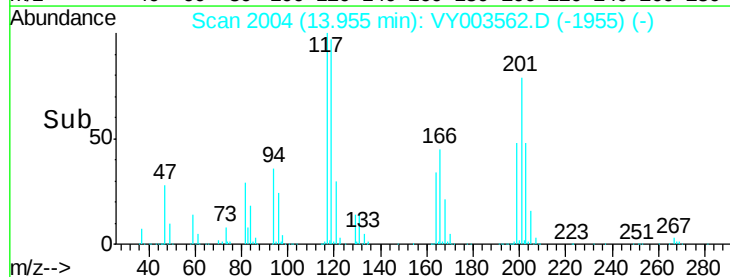
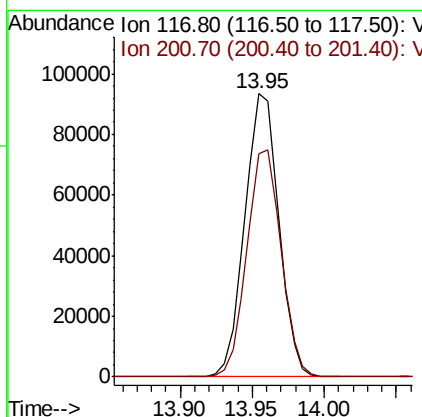
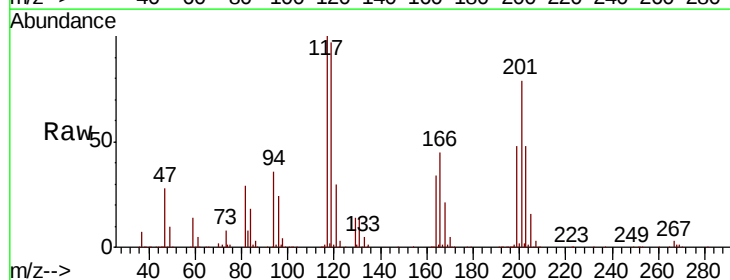
Instrument :
MSVOA_Y
ClientSampled :

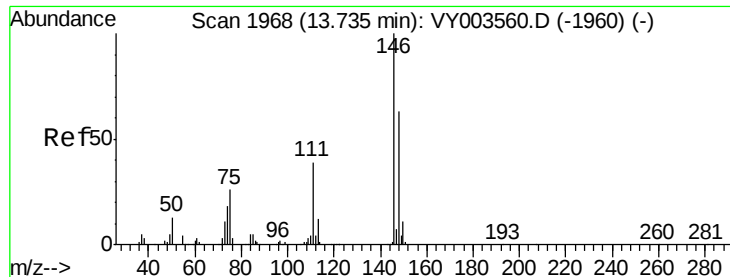
Tot Ion: 91 Resp: 653374
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 27.2 13.9 41.7



#90
Hexachloroethane
Concen: 136.961 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003562.D
Acq: 20 Nov 2020 12:02

Tgt Ion: 117 Resp: 152492
Ion Ratio Lower Upper
117 100
201 80.9 41.3 123.9





#91

1,2-Dichlorobenzene

Concen: 137.631 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

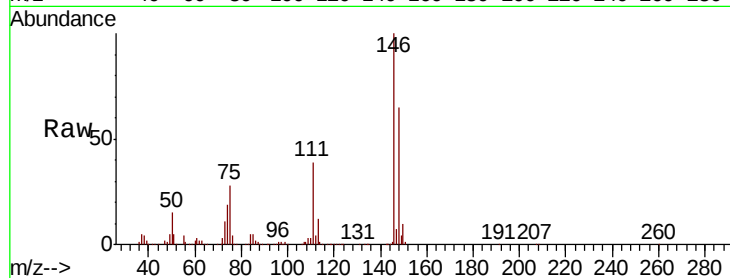
Tot Ion:146 Resp: 400942

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.5

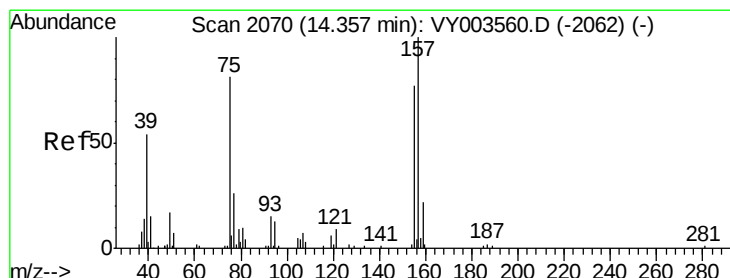
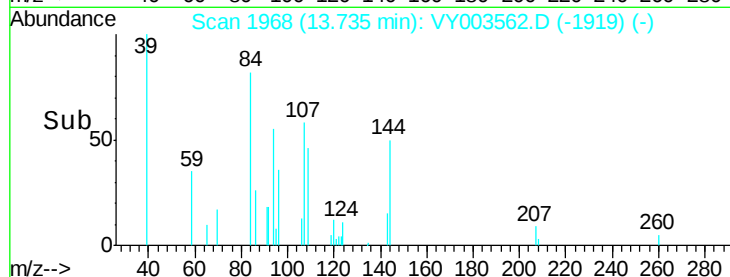
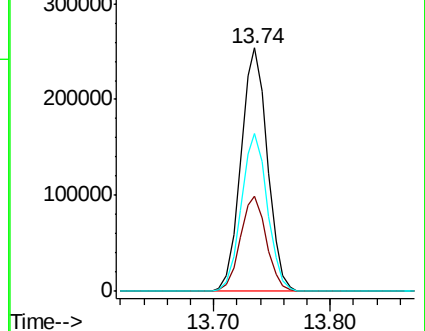
148 64.1 31.9 95.7



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: 138.062 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. -0.01 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

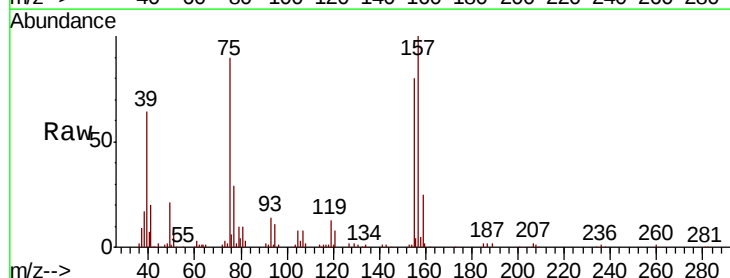
Tgt Ion: 75 Resp: 27269

Ion Ratio Lower Upper

75 100

155 93.9 45.4 136.2

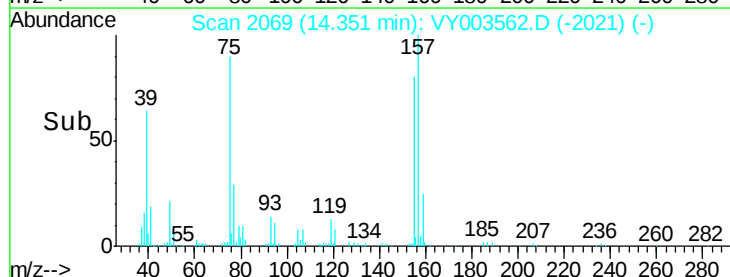
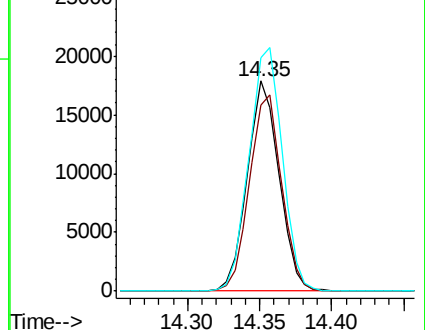
157 120.8 59.7 179.1

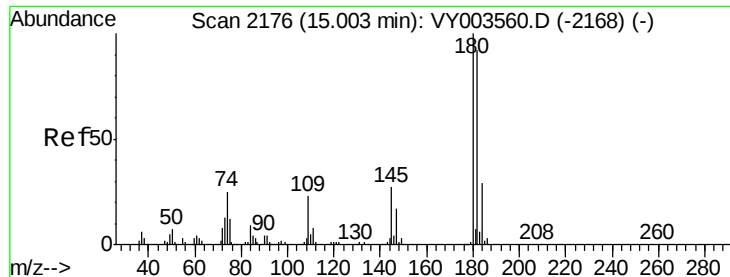


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

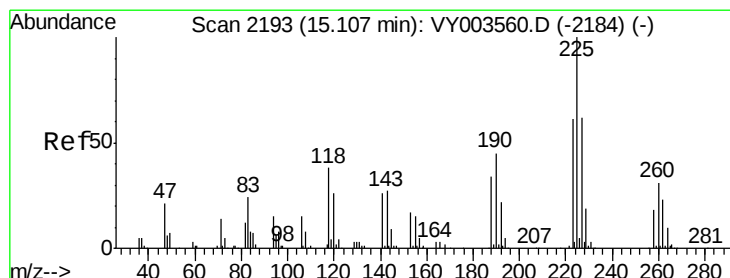
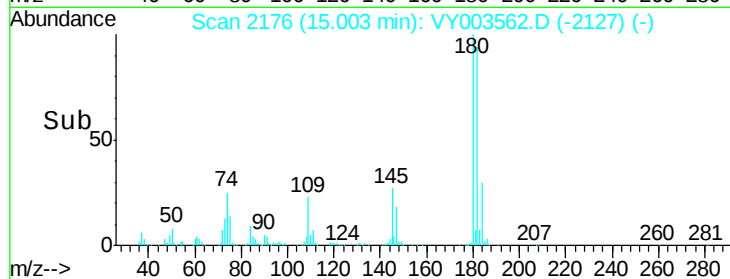
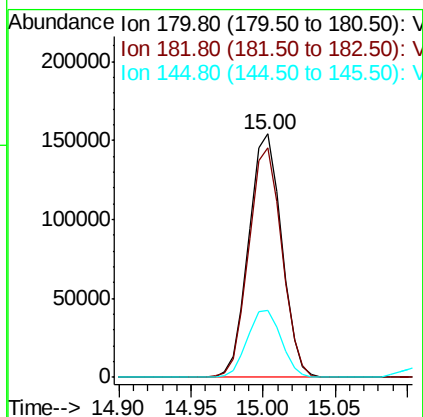
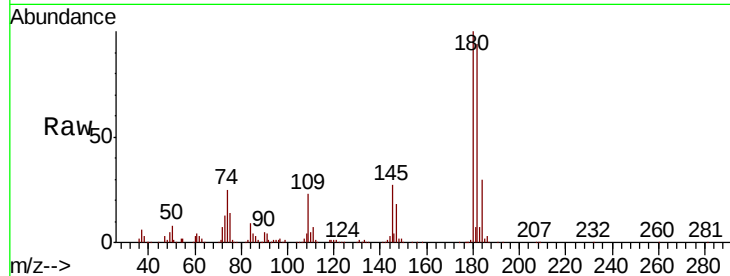




#93
 1,2,4-Trichlorobenzene
 Concen: 149.409 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

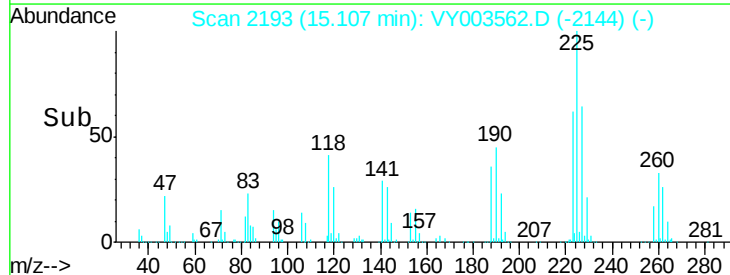
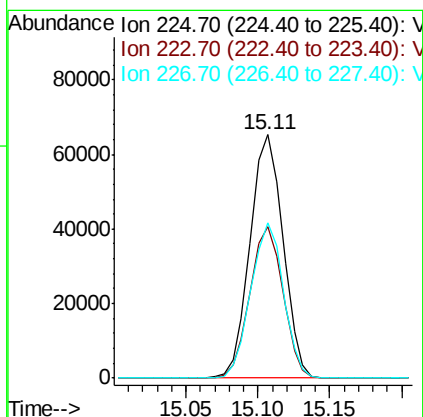
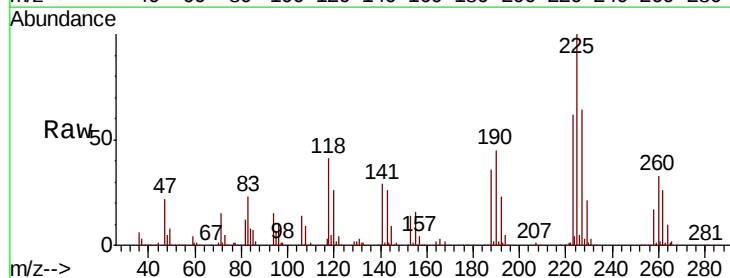
Instrument :
 MSVOA_Y
 ClientSampleId :

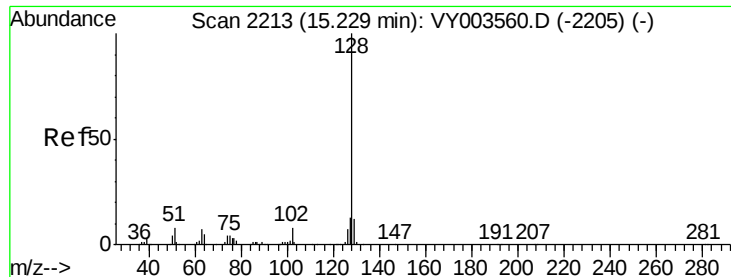
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 111.207 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003562.D
 Acq: 20 Nov 2020 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.0	96.0
227	63.3	31.6	94.7





#95

Naphthalene

Concen: 153.759 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

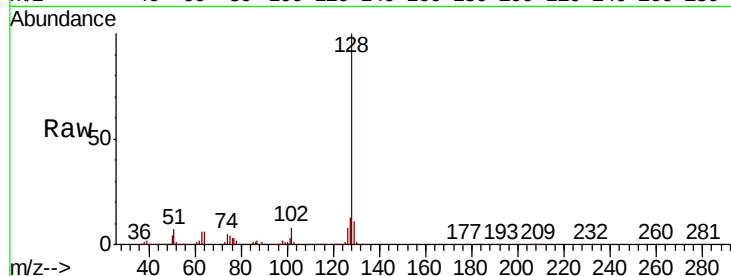
Tot Ion:128 Resp: 428677

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

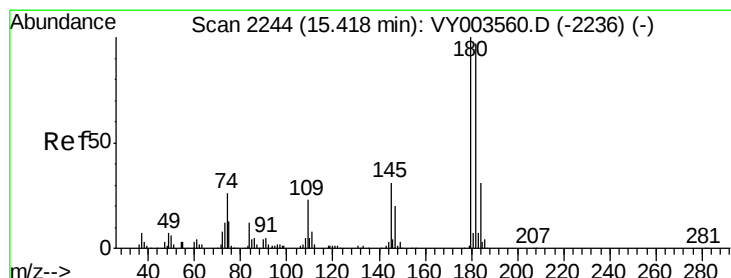
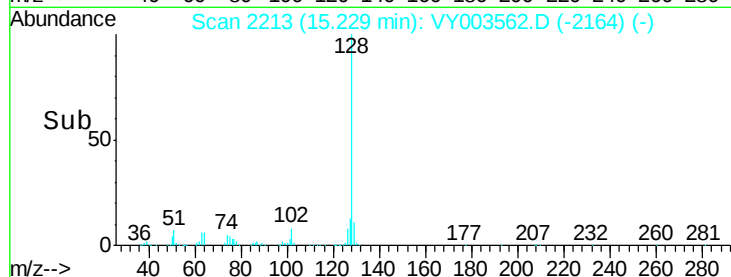
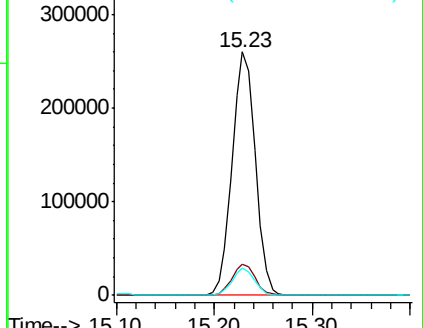
129 10.8 9.0 13.4



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: 144.294 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY003562.D

Acq: 20 Nov 2020 12:02

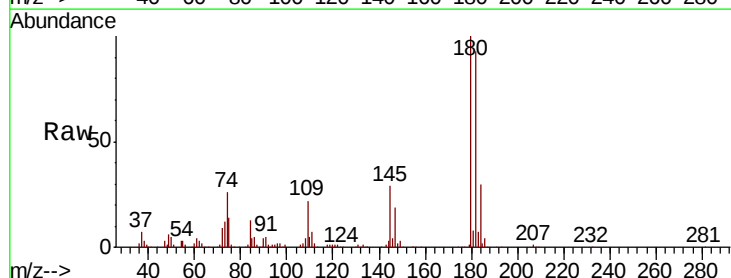
Tgt Ion:180 Resp: 173298

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.2

145 29.9 15.5 46.5



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

