

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003462.D
 Acq On : 05 Oct 2020 19:34
 Operator : SY/MD
 Sample : VY1005SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:23:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	536099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	790365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	752104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	412778	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	283320	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
35) Dibromofluoromethane	7.72	113	241433	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	10.18	98	989066	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.48	95	345015	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	80214	19.251	ug/l	100
3) Chloromethane	2.11	50	111144	19.175	ug/l	98
4) Vinyl Chloride	2.26	62	120477	19.104	ug/l	95
5) Bromomethane	2.65	94	113438	18.099	ug/l	97
6) Chloroethane	2.79	64	78883	20.455	ug/l	100
7) Trichlorofluoromethane	3.13	101	158325	20.407	ug/l	99
8) Diethyl Ether	3.54	74	57136	22.200	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	87951	20.388	ug/l	98
10) Methyl Iodide	4.10	142	69405	29.194	ug/l	99
11) Tert butyl alcohol	4.96	59	72154	139.219	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	86841	20.413	ug/l	95
13) Acrolein	3.74	56	55661	110.772	ug/l	96
14) Allyl chloride	4.49	41	153163	20.129	ug/l	99
15) Acrylonitrile	5.17	53	133750	108.866	ug/l	99
16) Acetone	3.96	43	126131	96.221	ug/l	97
17) Carbon Disulfide	4.19	76	279494	20.100	ug/l	99
18) Methyl Acetate	4.49	43	69187	21.925	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	244340	21.710	ug/l	98
20) Methylene Chloride	4.72	84	124090	22.800	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	102338	20.517	ug/l	98
22) Diisopropyl ether	6.13	45	301632	21.135	ug/l	98
23) Vinyl Acetate	6.07	43	1113192	106.587	ug/l	98
24) 1,1-Dichloroethane	6.03	63	184247	20.886	ug/l	99
25) 2-Butanone	6.99	43	198076	104.959	ug/l	97
26) 2,2-Dichloropropane	6.99	77	153345	19.359	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	115072	20.690	ug/l	99
28) Bromochloromethane	7.34	49	91957	21.363	ug/l	98
29) Tetrahydrofuran	7.35	42	124034	111.761	ug/l	99
30) Chloroform	7.51	83	188475	21.064	ug/l	96
31) Cyclohexane	7.78	56	156355	19.934	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	163971	19.987	ug/l	99
36) 1,1-Dichloropropene	7.92	75	145326	19.606	ug/l	99
37) Ethyl Acetate	7.08	43	93430	21.331	ug/l	98
38) Carbon Tetrachloride	7.91	117	148295	19.080	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003462.D
 Acq On : 05 Oct 2020 19:34
 Operator : SY/MD
 Sample : VY1005SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 06 04:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:23:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	160631	19.668	ug/l	99
40) Benzene	8.16	78	421668	20.049	ug/l	100
41) Methacrylonitrile	7.35	41	119427	53.482	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	134798	20.081	ug/l	99
43) Isopropyl Acetate	8.28	43	167992	20.486	ug/l	100
44) Trichloroethene	8.94	130	120467	19.447	ug/l	94
45) 1,2-Dichloropropane	9.22	63	106535	19.875	ug/l	96
46) Dibromomethane	9.30	93	61524	20.298	ug/l	99
47) Bromodichloromethane	9.50	83	150092	20.199	ug/l	96
48) Methyl methacrylate	9.29	41	81735	21.050	ug/l	98
49) 1,4-Dioxane	9.30	88	15177	424.146	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	454284	104.063	ug/l	99
52) Toluene	10.24	92	267051	19.702	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	157251	19.787	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	176064	19.869	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	86918	20.056	ug/l	99
56) Ethyl methacrylate	10.51	69	120222	20.619	ug/l	97
57) 1,3-Dichloropropane	10.79	76	153764	20.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	333207	109.076	ug/l	100
59) 2-Hexanone	10.83	43	314015	102.402	ug/l	99
60) Dibromochloromethane	10.99	129	109486	19.958	ug/l	98
61) 1,2-Dibromoethane	11.09	107	85096	20.412	ug/l	100
64) Tetrachloroethene	10.72	164	131844	19.451	ug/l	96
65) Chlorobenzene	11.52	112	294972	19.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	112015	19.572	ug/l	99
67) Ethyl Benzene	11.59	91	519565	19.306	ug/l	99
68) m/p-Xylenes	11.70	106	397388	38.711	ug/l	99
69) o-Xylene	12.03	106	186121	19.308	ug/l	100
70) Styrene	12.04	104	319814	19.463	ug/l	99
71) Bromoform	12.20	173	76122	19.948	ug/l #	98
73) Isopropylbenzene	12.33	105	510830	19.768	ug/l	100
74) N-amyl acetate	12.14	43	154506	20.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	102704	20.599	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	144938	40.607	ug/l #	100
77) Bromobenzene	12.61	156	137411	19.989	ug/l	98
78) n-propylbenzene	12.67	91	606644	19.748	ug/l	99
79) 2-Chlorotoluene	12.75	91	345910	20.019	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	441357	19.909	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	36626	19.540	ug/l	97
82) 4-Chlorotoluene	12.85	91	366588	20.010	ug/l	98
83) tert-Butylbenzene	13.07	119	378675	19.722	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	450703	20.133	ug/l	99
85) sec-Butylbenzene	13.25	105	523737	19.702	ug/l	100
86) p-Isopropyltoluene	13.36	119	495359	19.557	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	260460	19.794	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	259673	19.853	ug/l	99
89) n-Butylbenzene	13.69	91	455791	19.751	ug/l	99
90) Hexachloroethane	13.95	117	78028	19.677	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	236405	20.159	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19668	20.815	ug/l	95

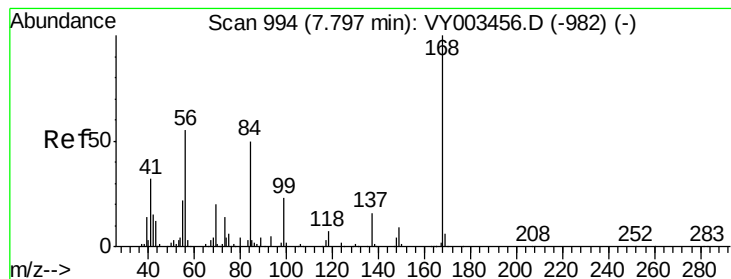
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
Data File : VY003462.D
Acq On : 05 Oct 2020 19:34
Operator : SY/MD
Sample : VY1005SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 06 04:28:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 06 04:23:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	178247	20.481	ug/l	99
94) Hexachlorobutadiene	15.11	225	114869	20.148	ug/l	97
95) Naphthalene	15.23	128	322793	21.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	155467	20.620	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: VY003462.D

Acq: 05 Oct 2020 19:34

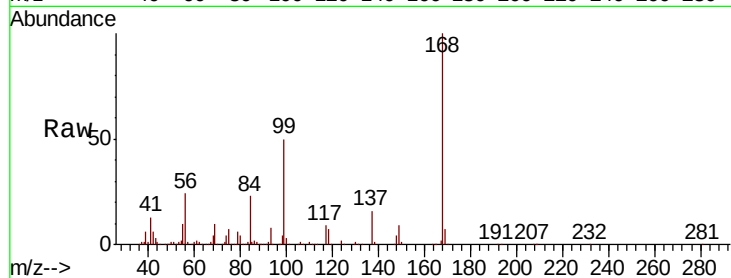
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 536099

Ion Ratio Lower Upper

168 100

99 49.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VY003456.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY003456.D (-982) (-)

7.80

250000

200000

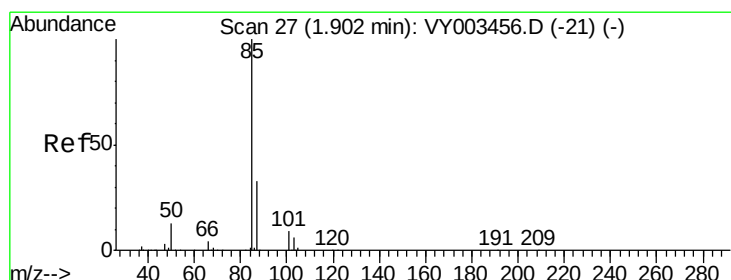
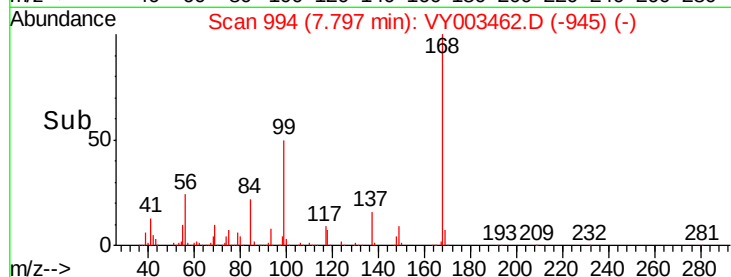
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.251 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003462.D

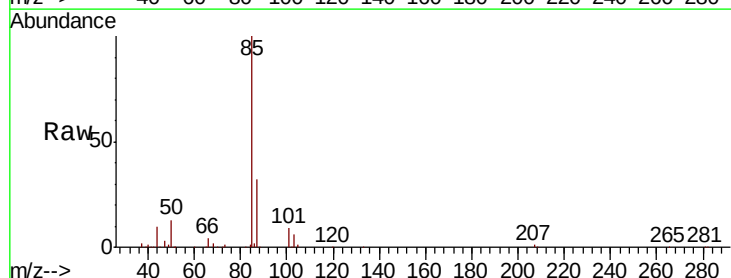
Acq: 05 Oct 2020 19:34

Tgt Ion: 85 Resp: 80214

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY003456.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003456.D (-21) (-)

1.90

60000

50000

40000

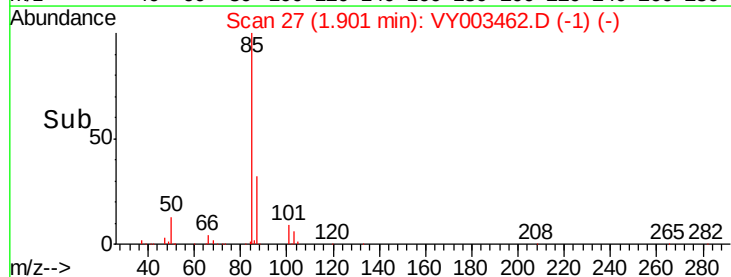
30000

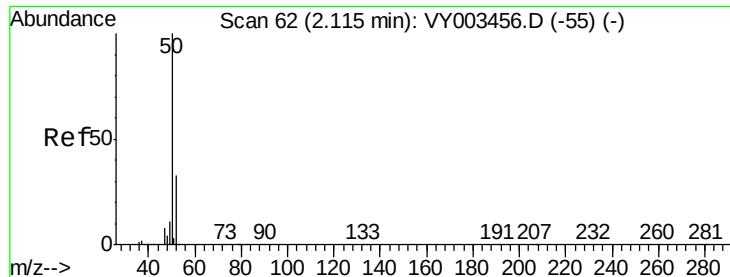
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.175 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

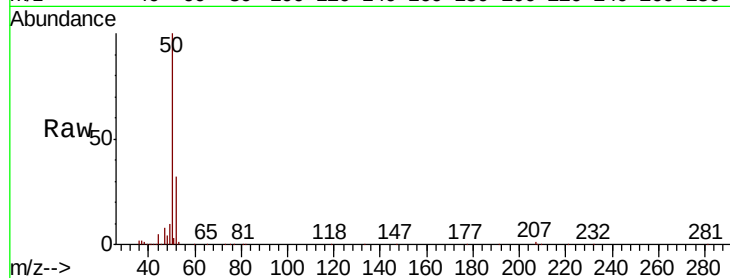
ClientSampleId :

Tot Ion: 50 Resp: 111144

Ion Ratio Lower Upper

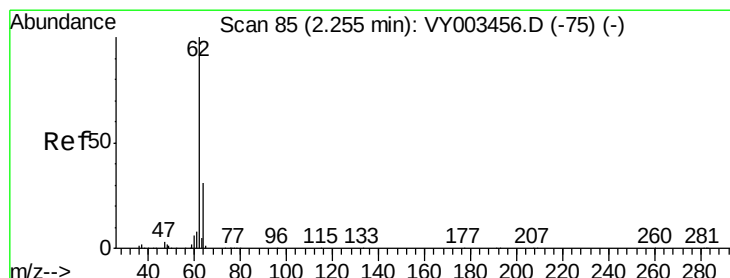
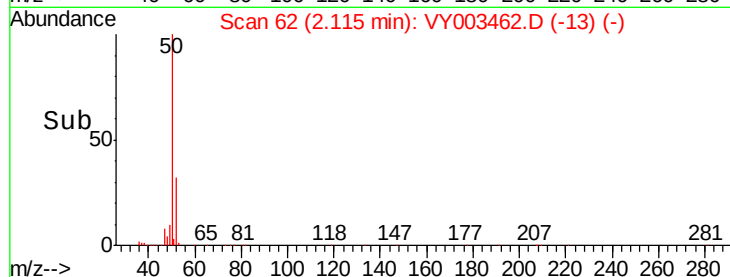
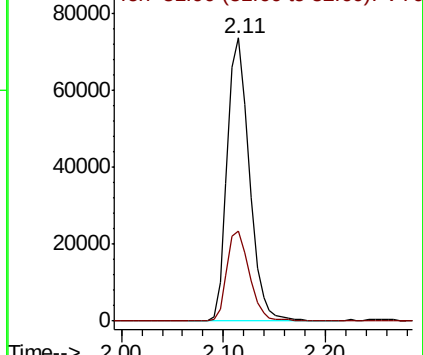
50 100

52 32.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.104 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003462.D

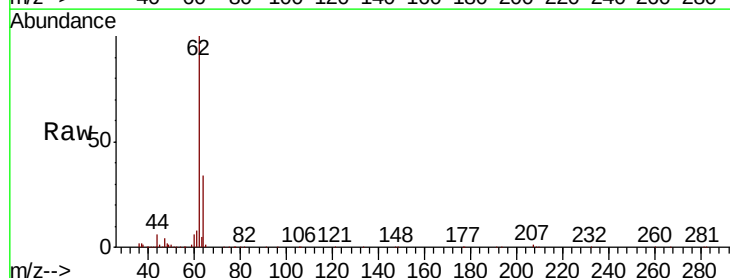
Acq: 05 Oct 2020 19:34

Tgt Ion: 62 Resp: 120477

Ion Ratio Lower Upper

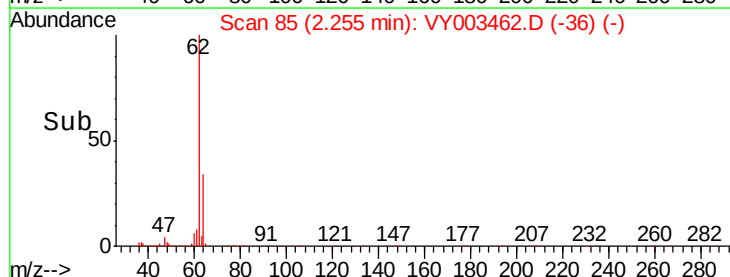
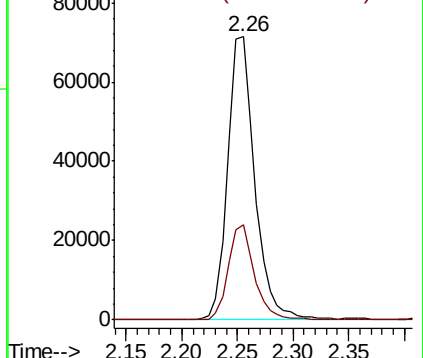
62 100

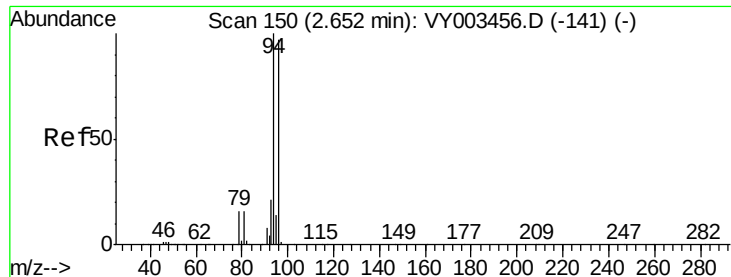
64 33.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.099 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

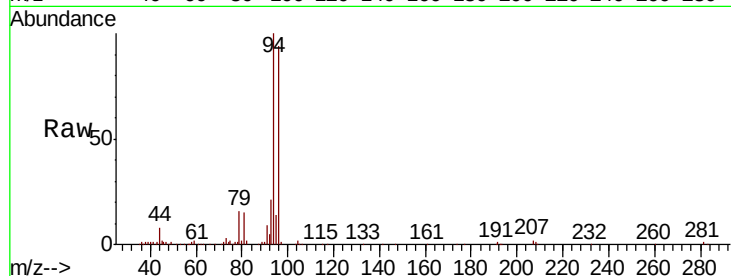
ClientSampled :

Tot Ion: 94 Resp: 113438

Ion Ratio Lower Upper

94 100

96 93.7 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

60000

50000

40000

30000

20000

10000

0

2.65

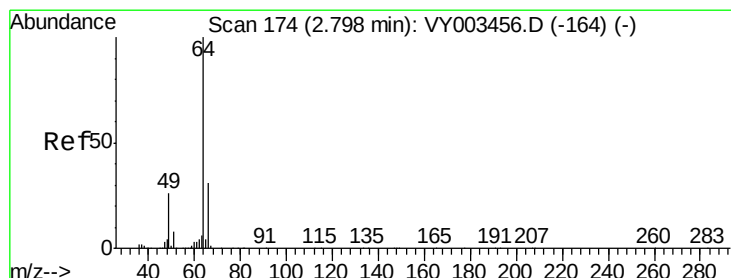
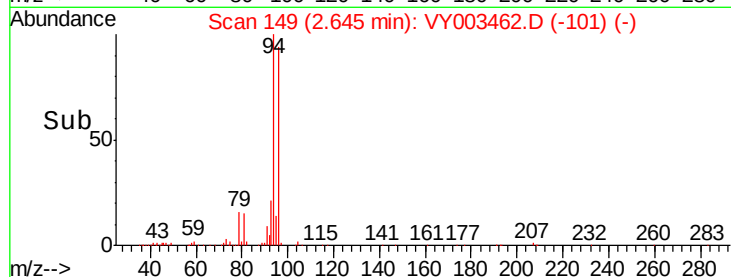
2.50

2.60

2.70

2.80

Time-->



#6

Chloroethane

Concen: 20.455 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003462.D

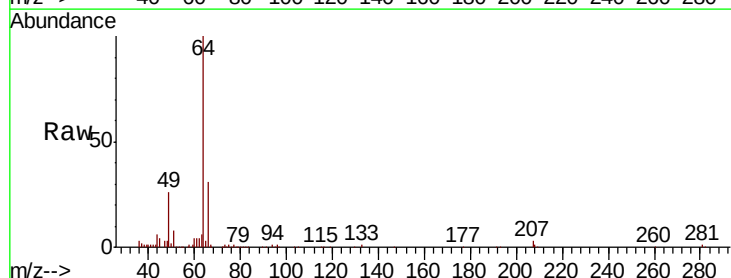
Acq: 05 Oct 2020 19:34

Tgt Ion: 64 Resp: 78883

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

40000

30000

20000

10000

0

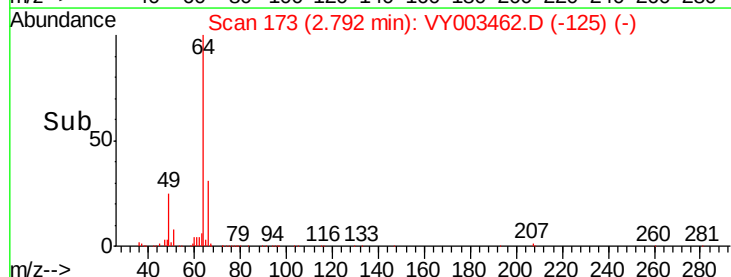
2.79

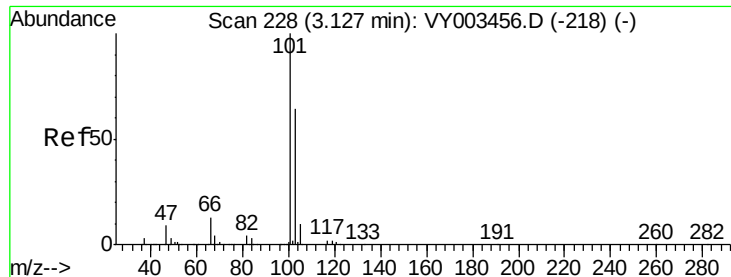
2.70

2.80

2.90

Time-->



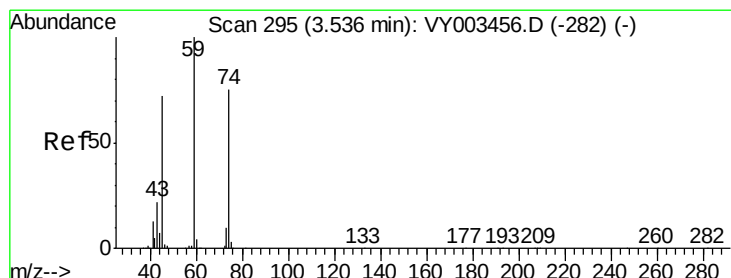
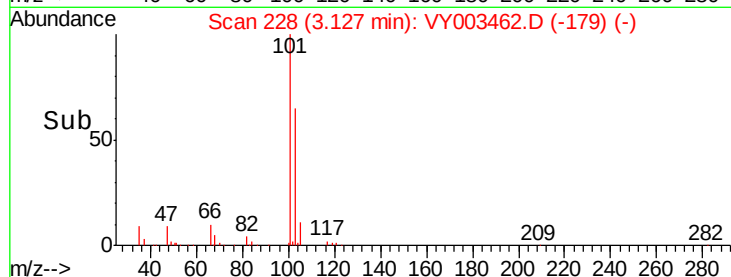
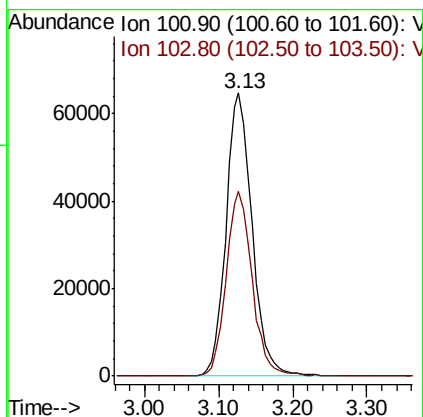
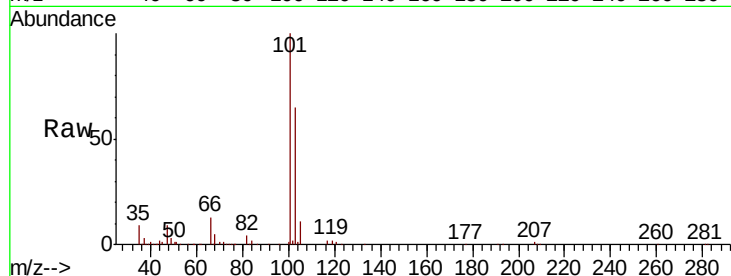


#7

Trichlorofluoromethane
Concen: 20.407 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :

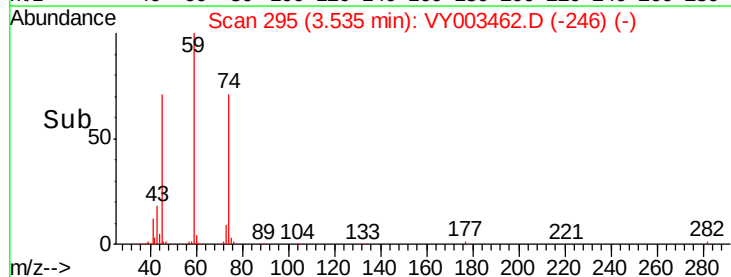
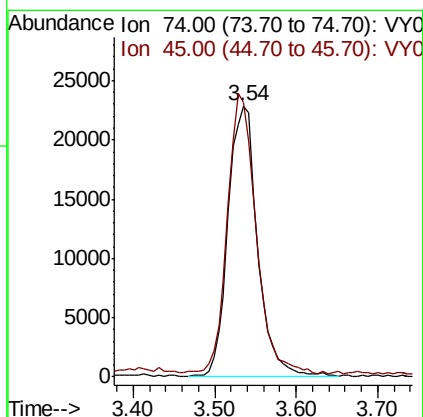
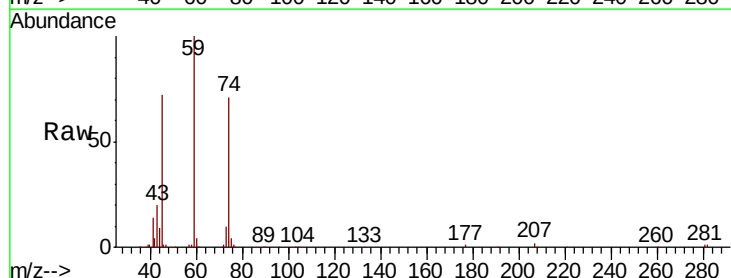
Tot Ion:101 Resp: 158325
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

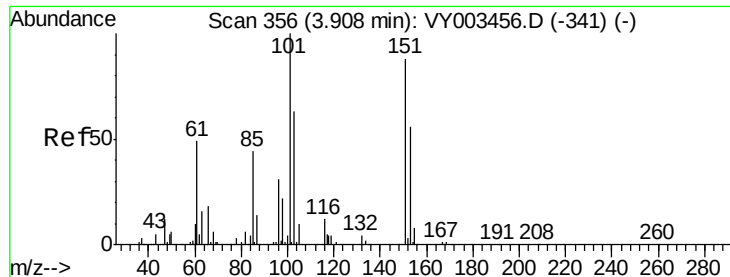


#8

Diethyl Ether
Concen: 22.200 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 74 Resp: 57136
Ion Ratio Lower Upper
74 100
45 100.6 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.388 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

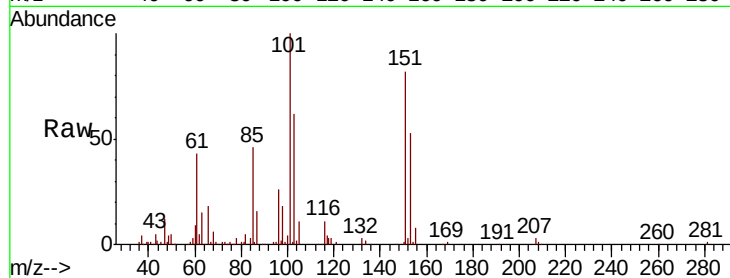
Tot Ion:101 Resp: 87951

Ion Ratio Lower Upper

101 100

85 44.5 35.5 53.3

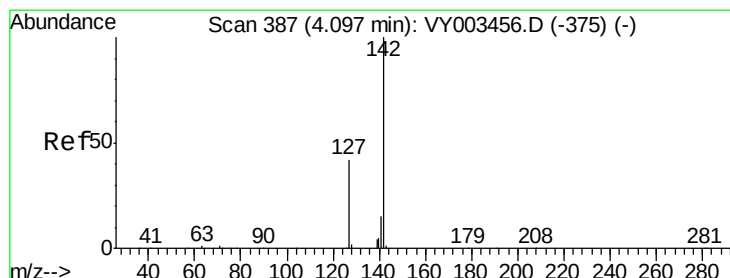
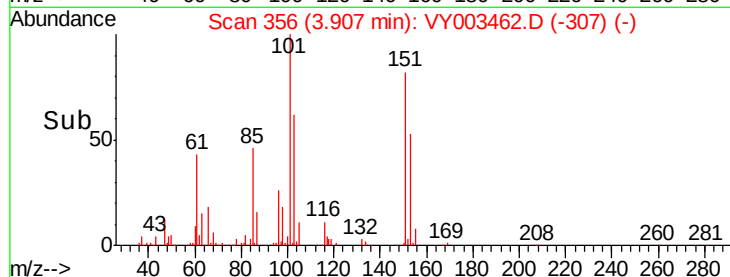
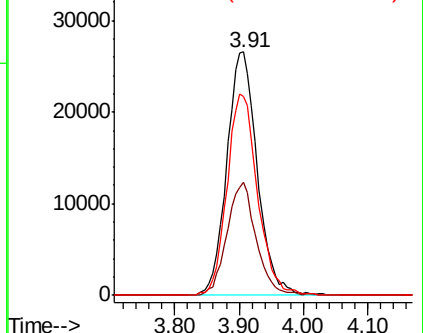
151 82.6 67.9 101.9



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: 29.194 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

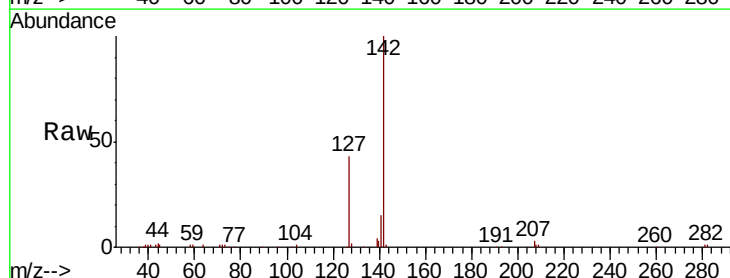
Tgt Ion:142 Resp: 69405

Ion Ratio Lower Upper

142 100

127 44.2 34.9 52.3

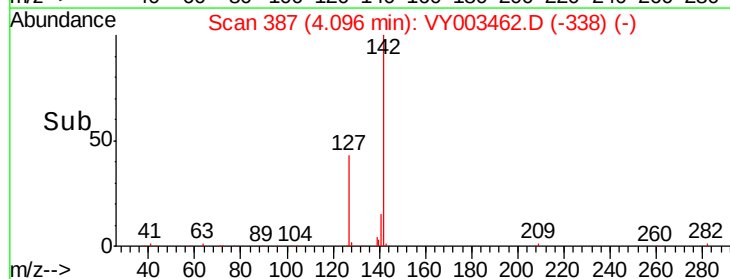
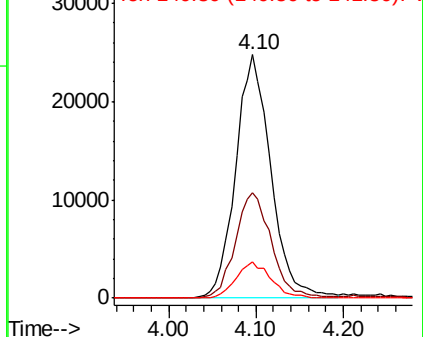
141 14.6 11.9 17.9

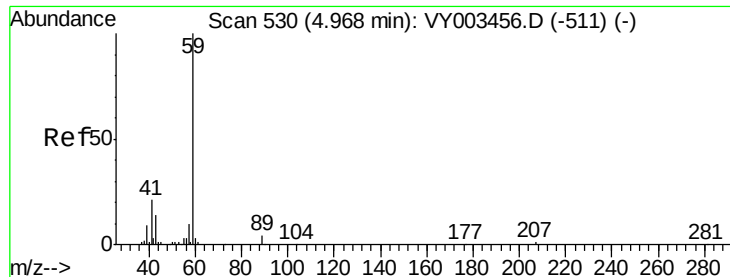


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



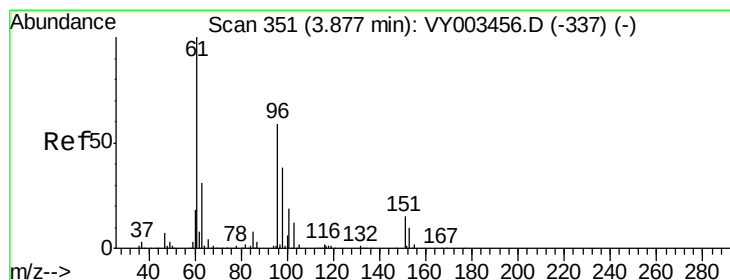
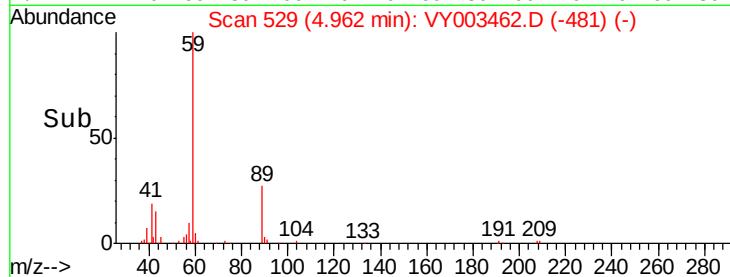
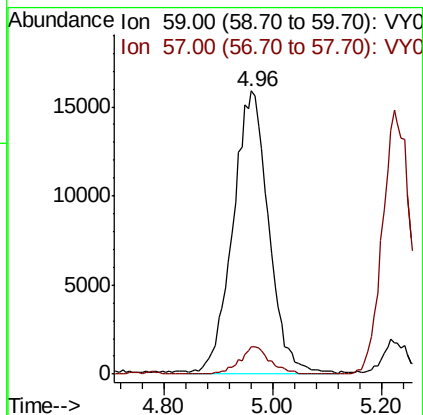
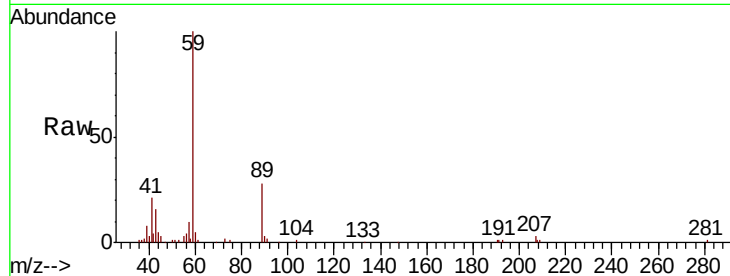


#11

Tert butyl alcohol
 Concen: 139.219 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :

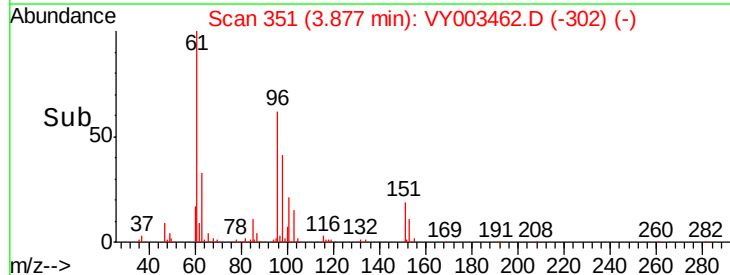
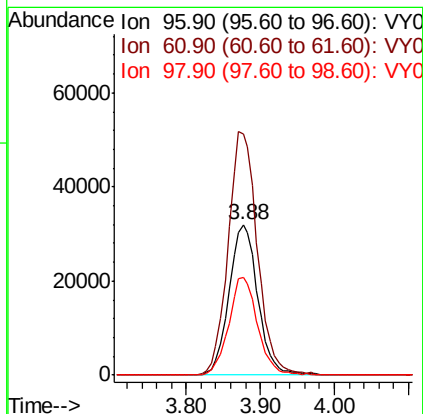
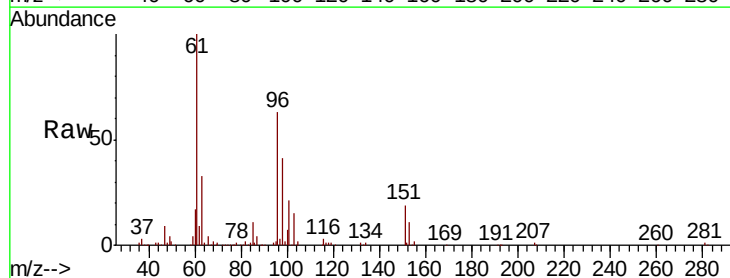
Tot Ion: 59 Resp: 72154
 Ion Ratio Lower Upper
 59 100
 57 8.3 8.4 12.6#

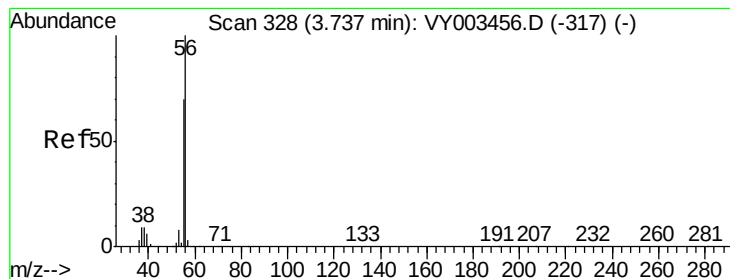


#12

1,1-Dichloroethene
 Concen: 20.413 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion: 96 Resp: 86841
 Ion Ratio Lower Upper
 96 100
 61 159.7 134.6 202.0
 98 64.8 51.1 76.7





#13

Acrolein

Concen: 110.772 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

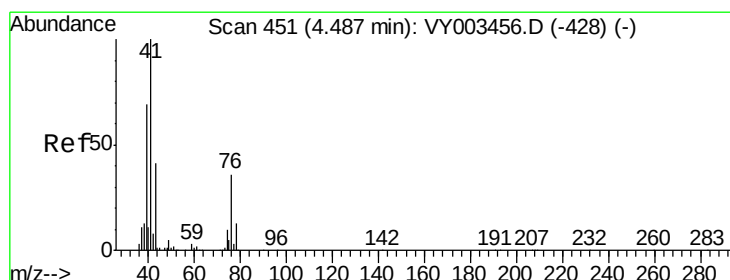
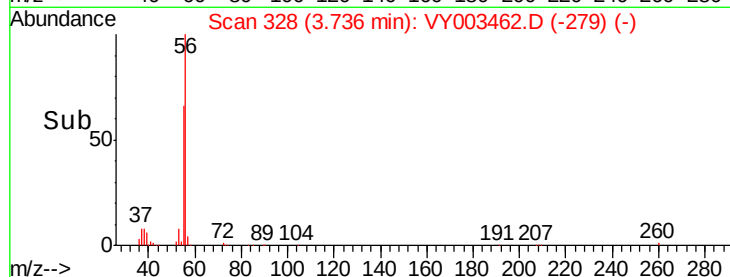
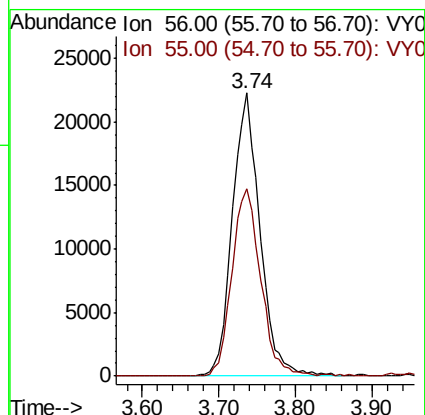
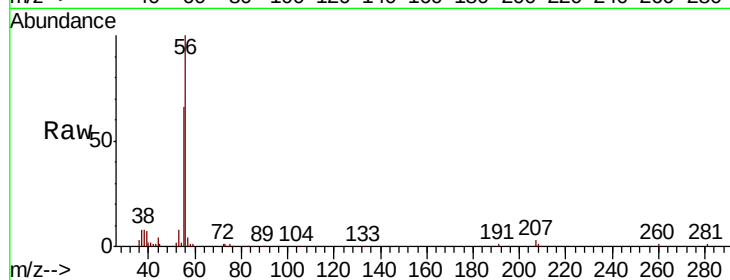
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 55661

Ion Ratio Lower Upper

56 100

55 68.8 57.9 86.9



#14

Allyl chloride

Concen: 20.129 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

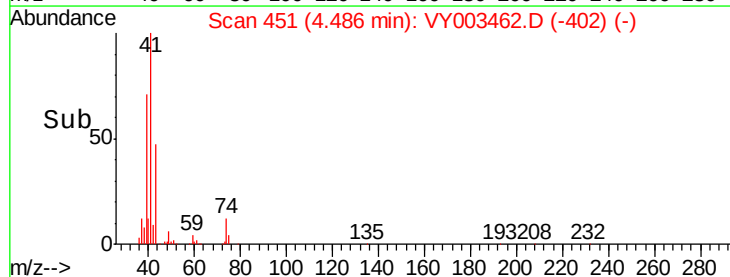
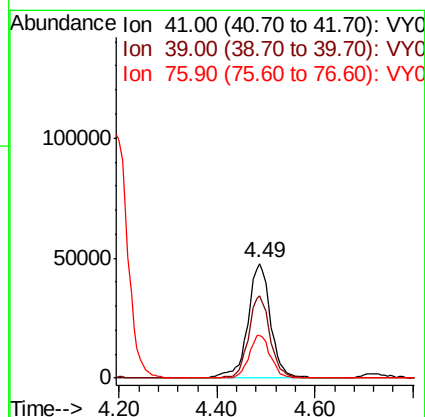
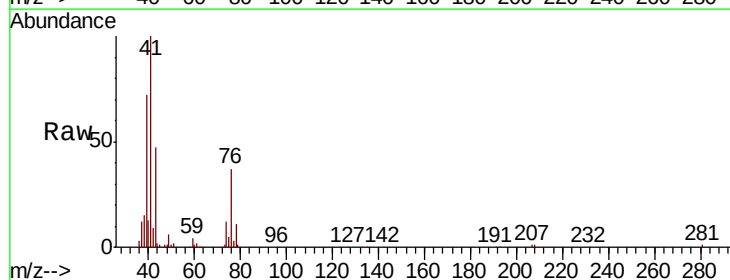
Tgt Ion: 41 Resp: 153163

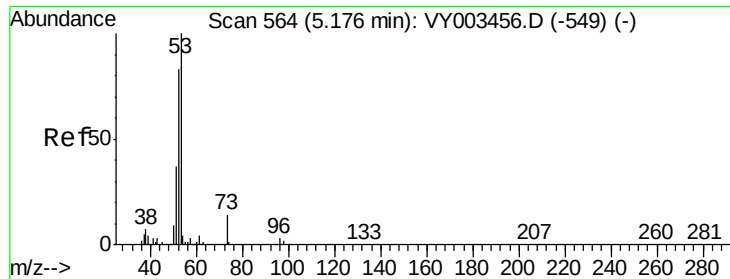
Ion Ratio Lower Upper

41 100

39 68.2 54.6 82.0

76 35.4 27.5 41.3

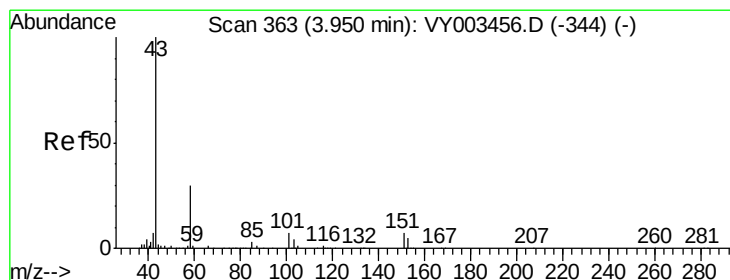
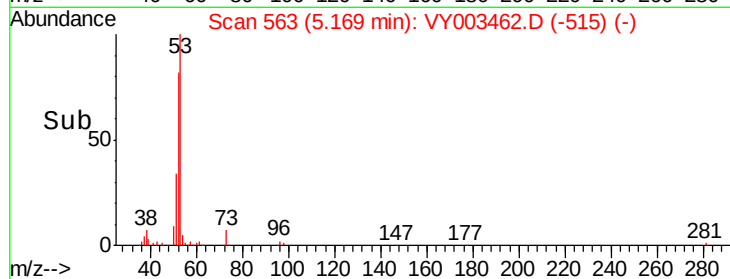
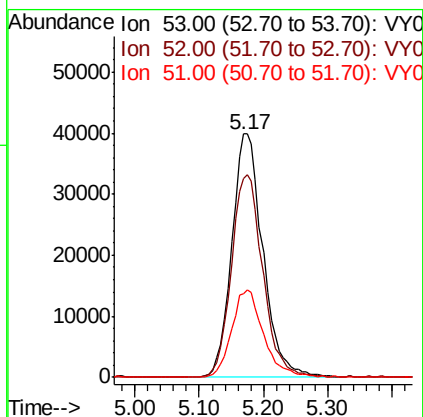
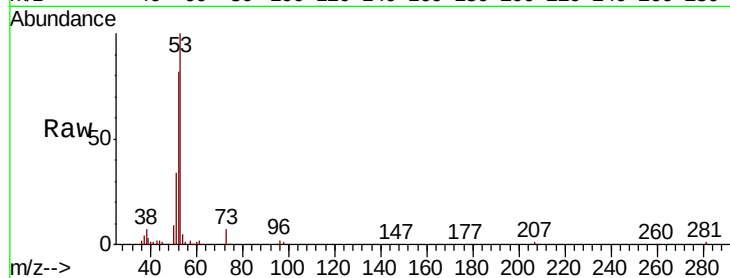




#15
 Acrylonitrile
 Concen: 108.866 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

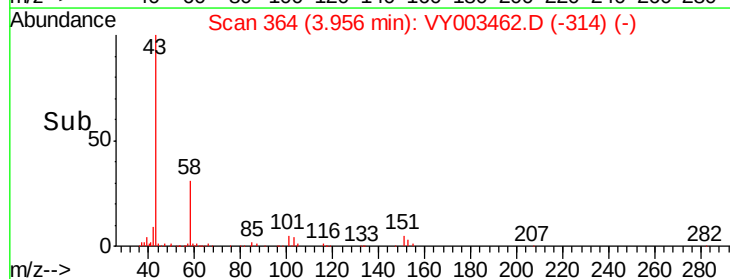
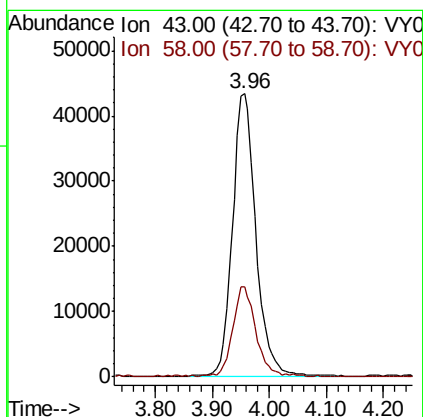
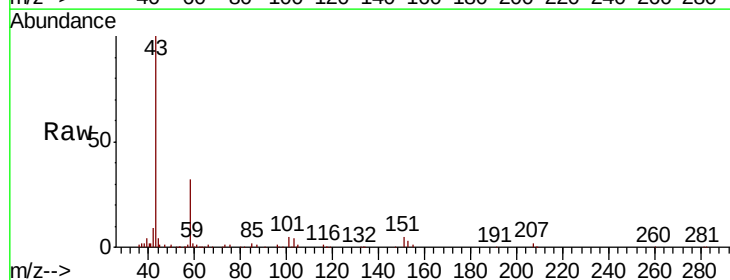
Instrument :
 MSVOA_Y
 ClientSampleId :

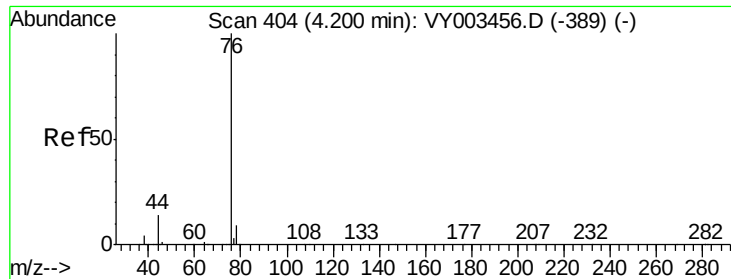
Tot Ion	53	Resp	133750
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.8	101.8
51	37.1	30.1	45.1



#16
 Acetone
 Concen: 96.221 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion	43	Resp	126131
Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.8	35.8

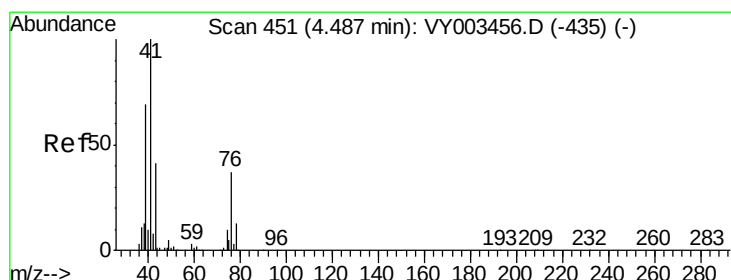
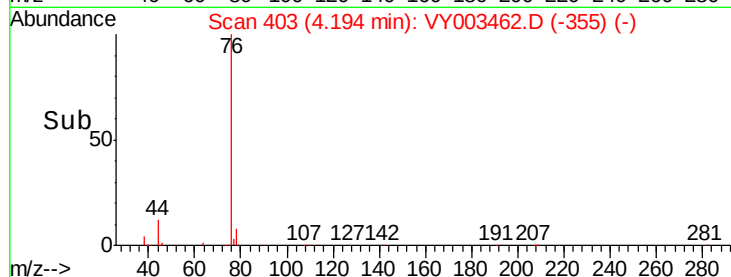
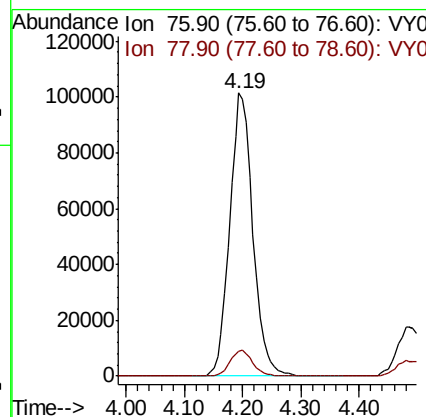
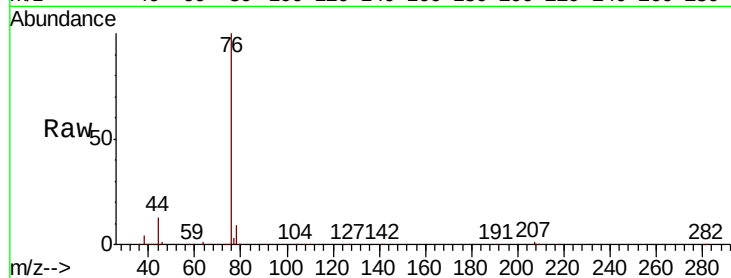




#17
Carbon Disulfide
Concen: 20.100 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

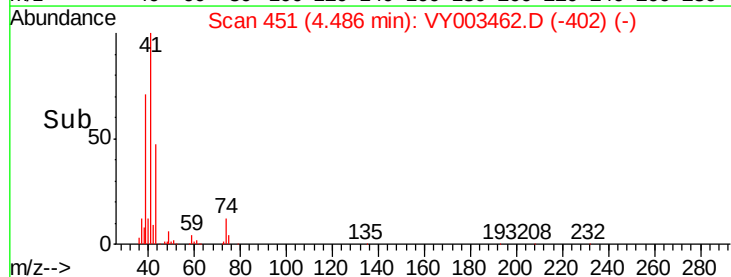
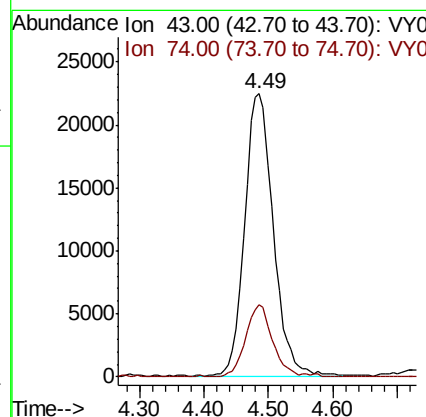
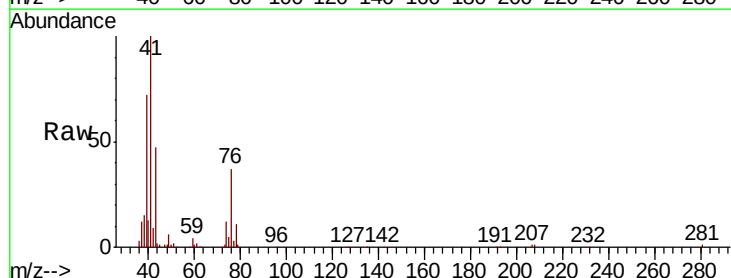
Instrument :
MSVOA_Y
ClientSampleId :

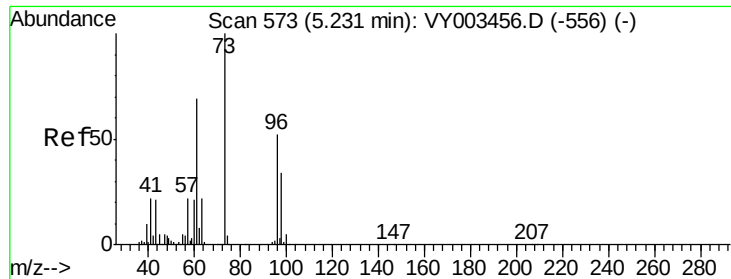
Tot Ion: 76 Resp: 279494
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 21.925 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 43 Resp: 69187
Ion Ratio Lower Upper
43 100
74 23.8 18.0 27.0

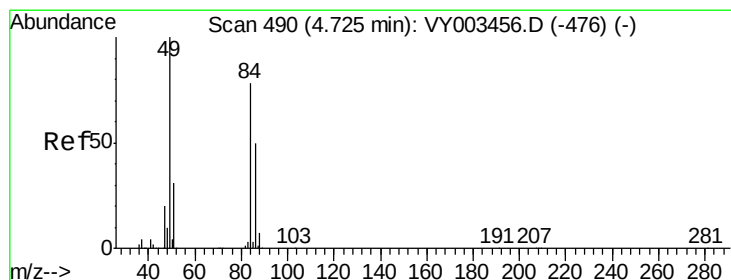
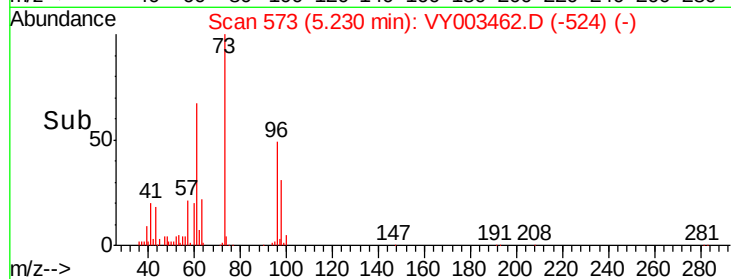
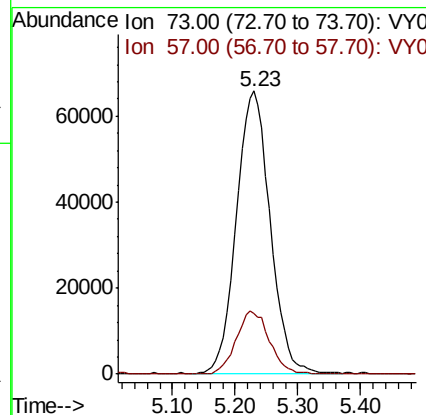
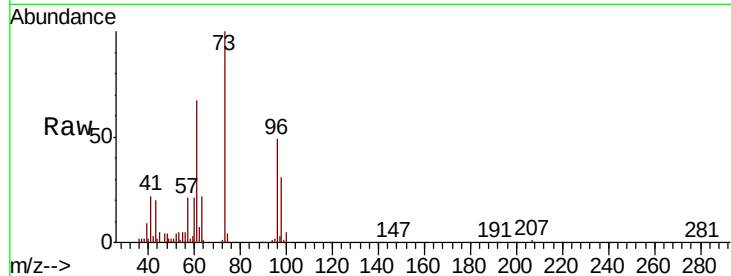




#19
Methyl tert-butyl Ether
Concen: 21.710 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

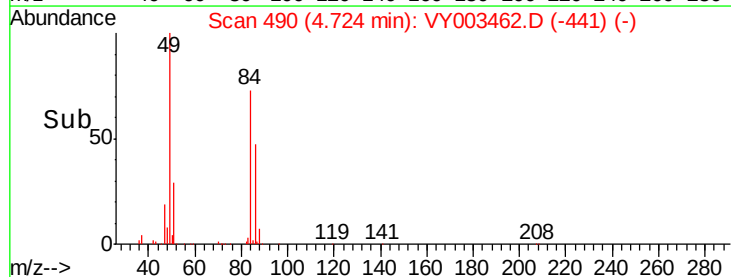
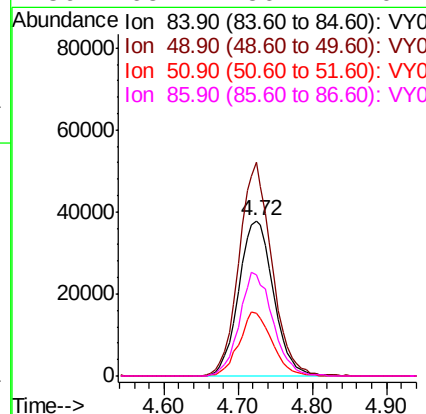
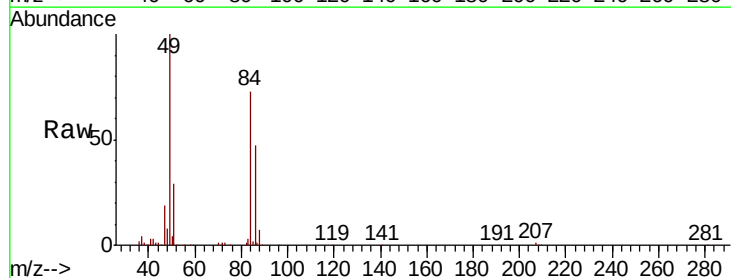
Instrument :
MSVOA_Y
ClientSampleId :

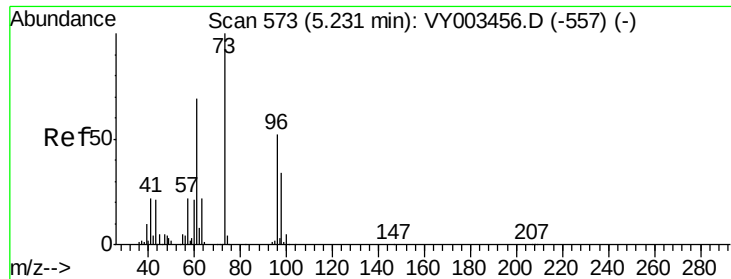
Tot Ion: 73 Resp: 244340
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9



#20
Methylene Chloride
Concen: 22.800 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 84 Resp: 124090
Ion Ratio Lower Upper
84 100
49 137.8 102.2 153.2
51 40.5 32.0 48.0
86 65.2 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.517 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :

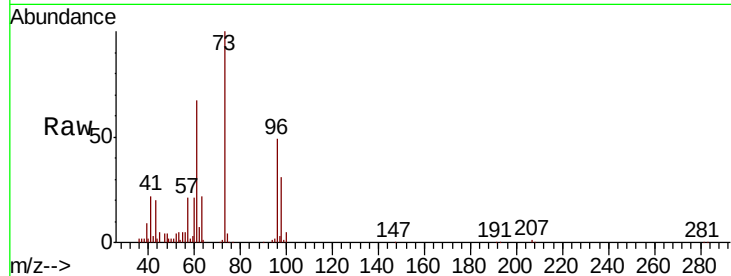
Tot Ion: 96 Resp: 102338

Ion Ratio Lower Upper

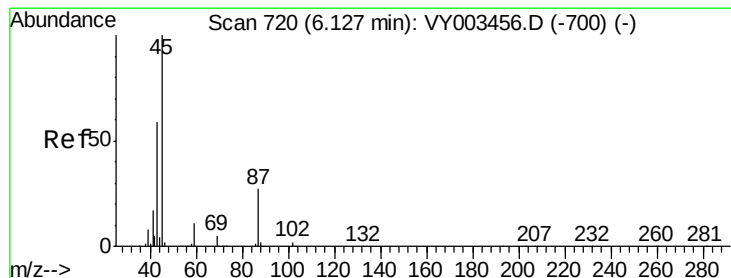
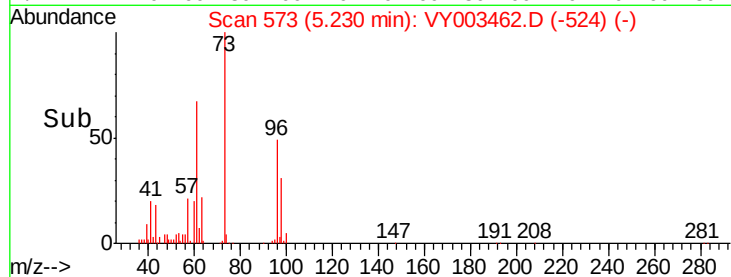
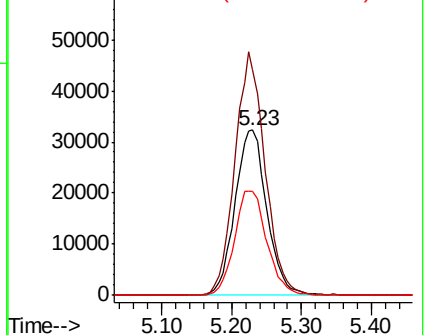
96 100

61 137.0 107.6 161.4

98 62.8 52.1 78.1



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: 21.135 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Tgt Ion: 45 Resp: 301632

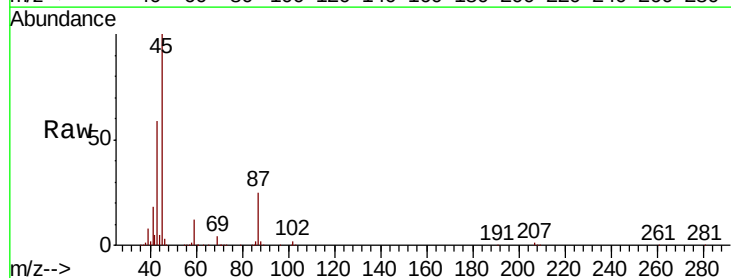
Ion Ratio Lower Upper

45 100

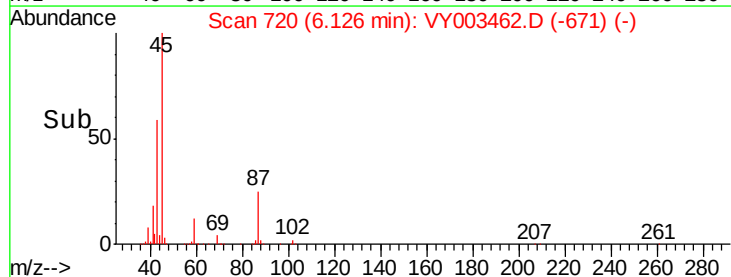
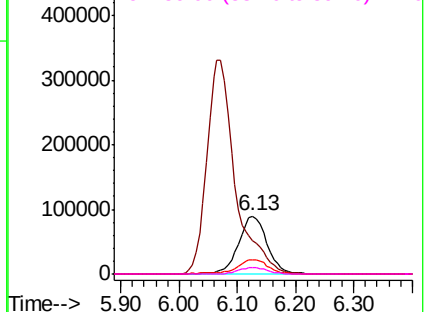
43 58.3 47.5 71.3

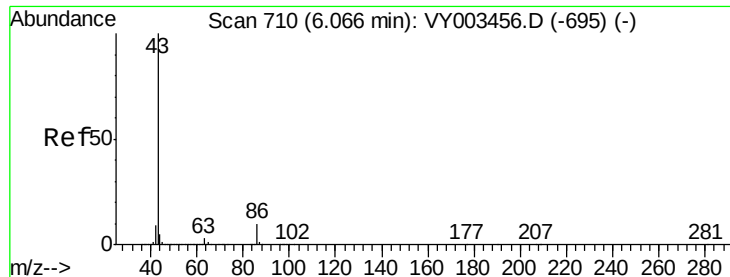
87 25.3 22.2 33.2

59 11.8 9.0 13.4



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: 106.587 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

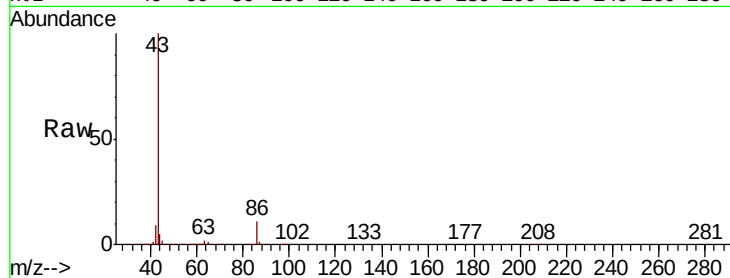
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1113192

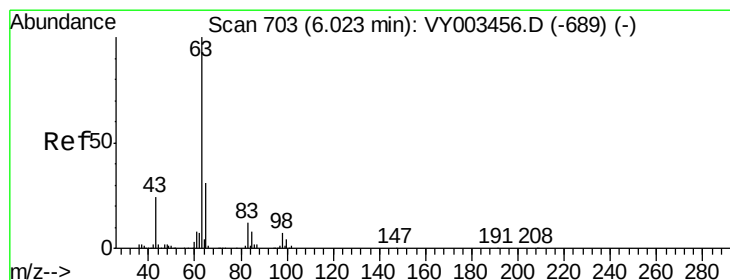
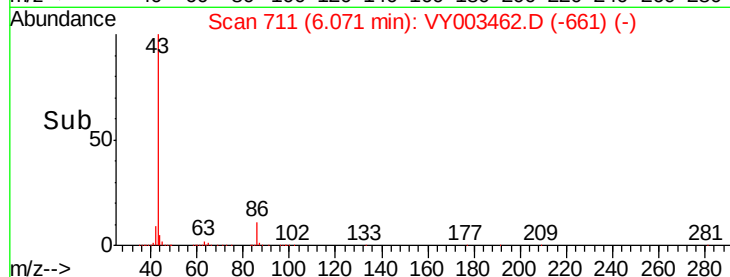
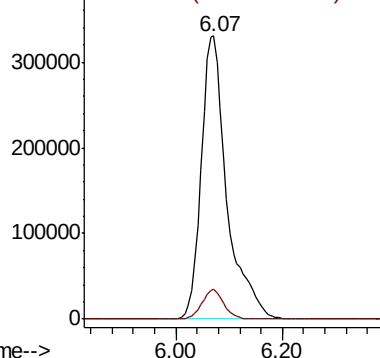
Ion Ratio Lower Upper

43 100

86 10.7 8.1 12.1



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



#24

1,1-Dichloroethane

Concen: 20.886 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

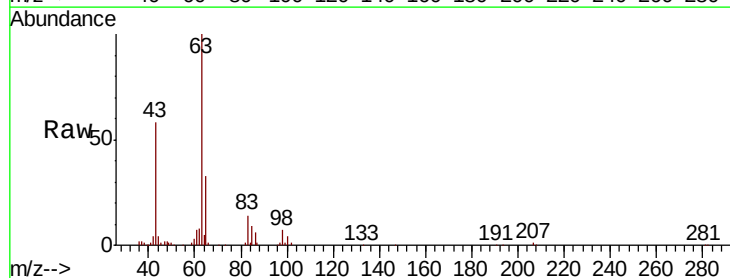
Tgt Ion: 63 Resp: 184247

Ion Ratio Lower Upper

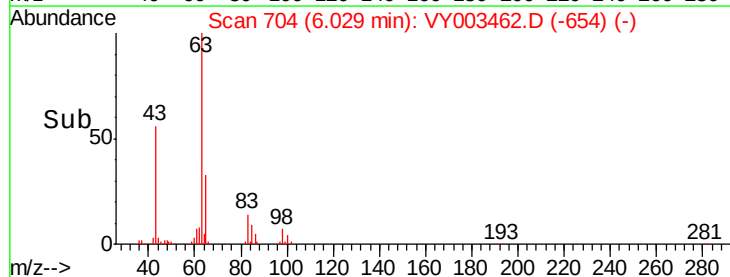
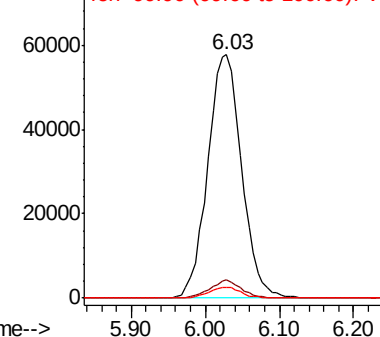
63 100

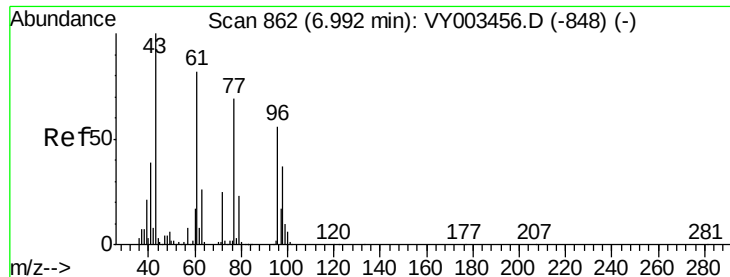
98 7.3 3.4 10.2

100 4.5 2.2 6.6



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: 104.959 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

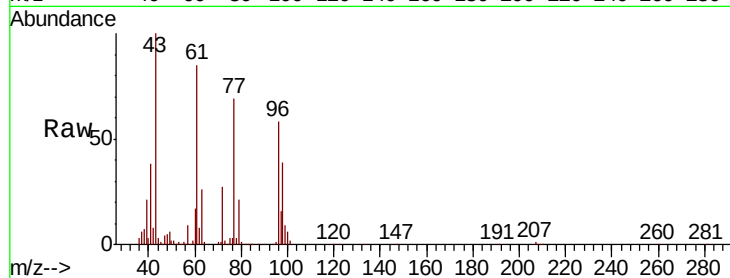
ClientSampleId :

Tot Ion: 43 Resp: 198076

Ion Ratio Lower Upper

43 100

72 26.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

80000

60000

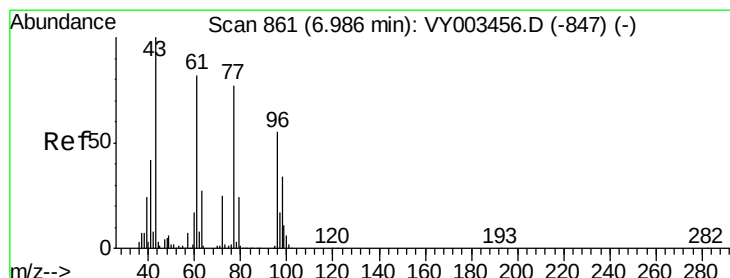
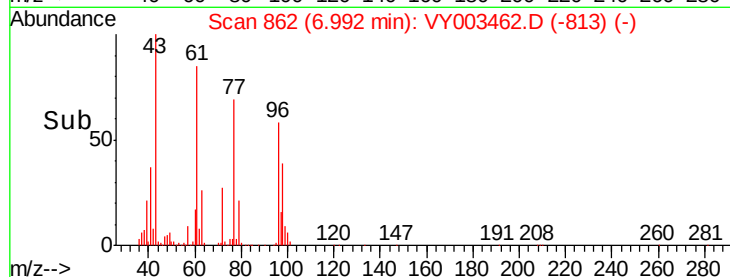
40000

20000

0

6.85 6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 19.359 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY003462.D

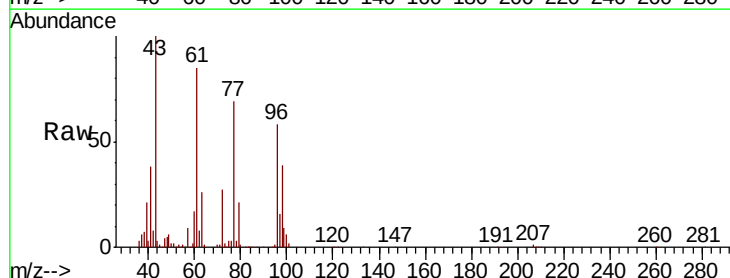
Acq: 05 Oct 2020 19:34

Tgt Ion: 77 Resp: 153345

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

60000

50000

40000

30000

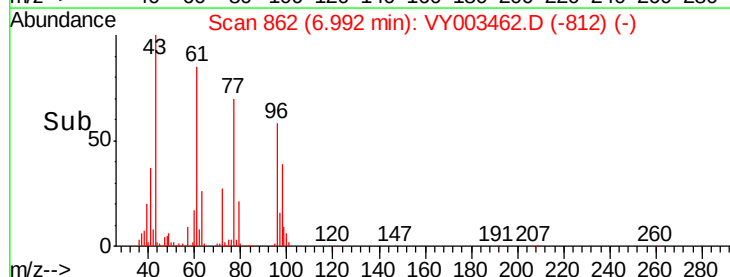
20000

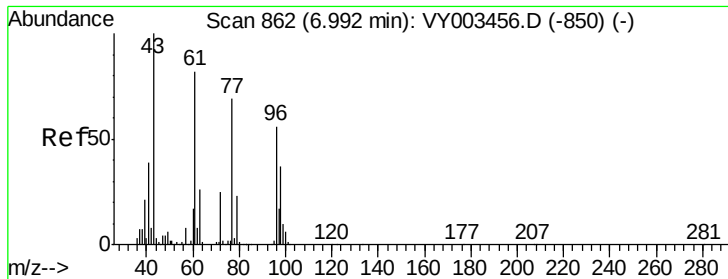
10000

0

6.90 7.00 7.10

Time-->



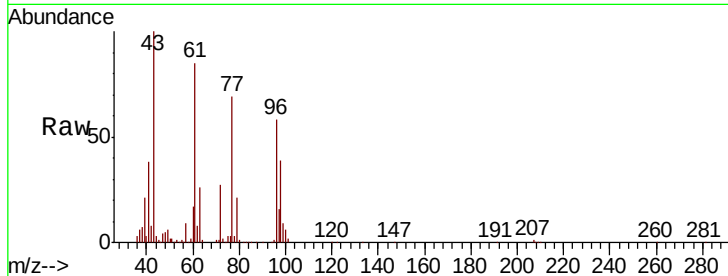


#27

cis-1,2-Dichloroethene
Concen: 20.690 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	115072
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	295.2
98	65.7	0.0	129.0

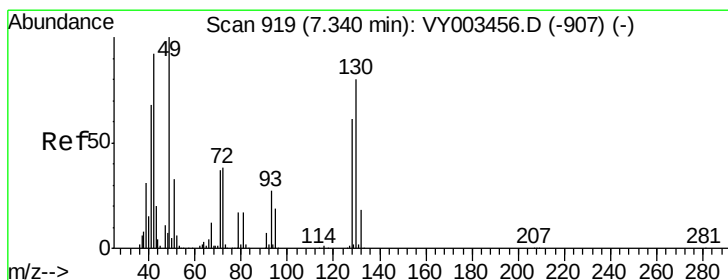
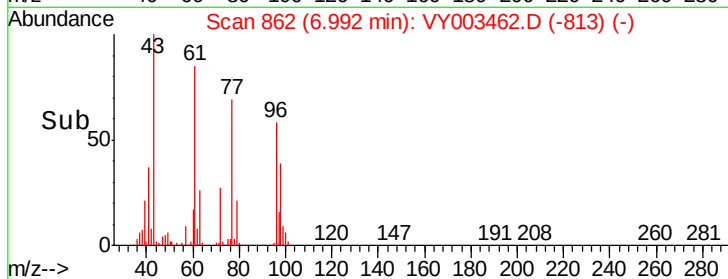
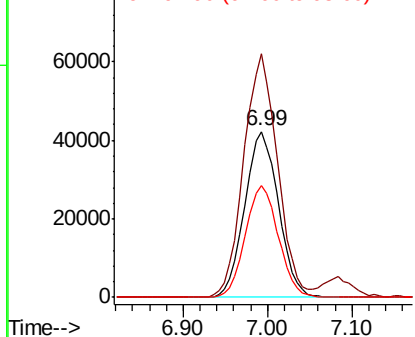


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

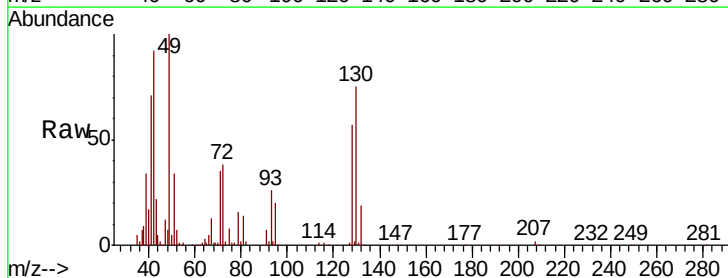
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 21.363 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion	49	Resp	91957
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	76.0	62.4	93.6

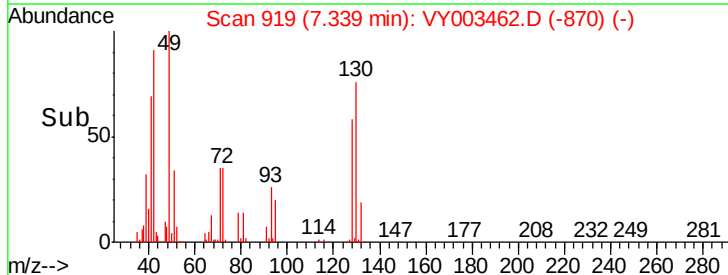
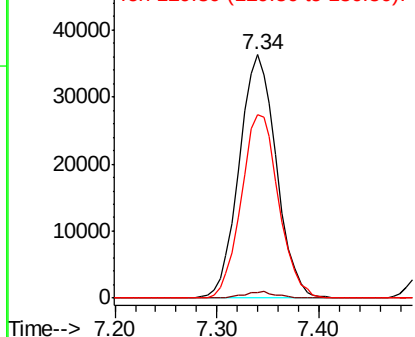


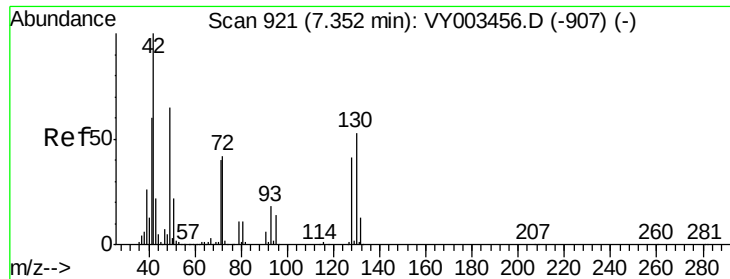
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

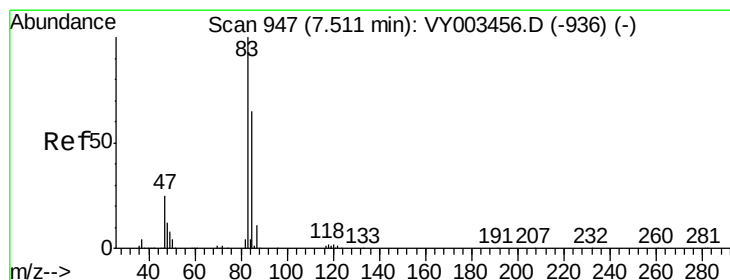
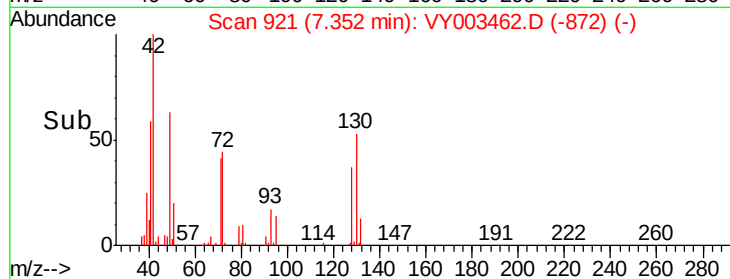
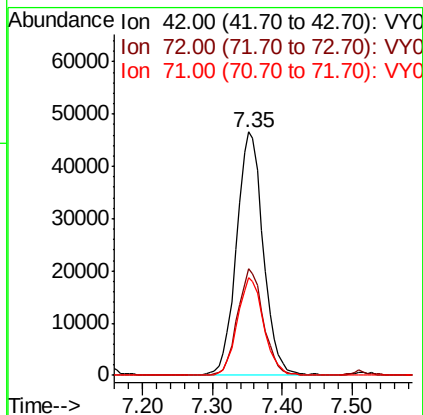
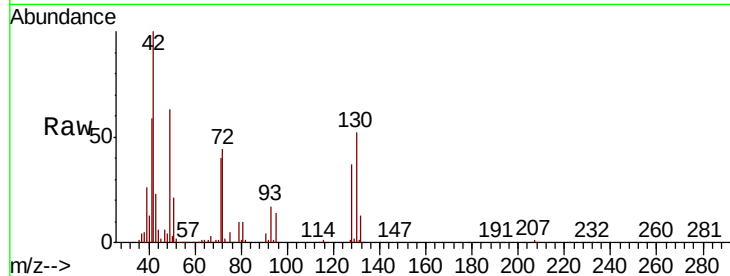




#29
Tetrahydrofuran
Concen: 111.761 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

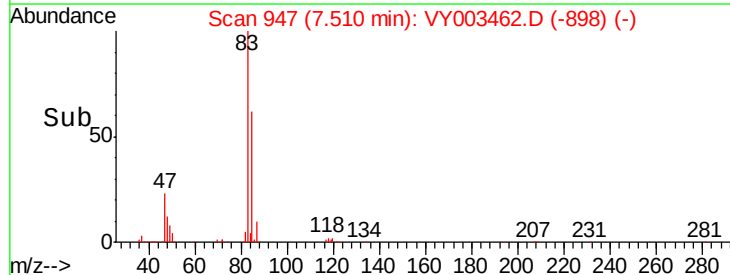
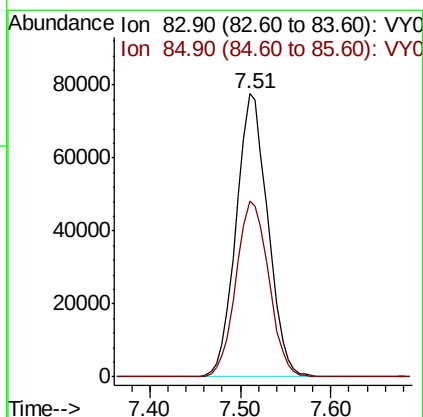
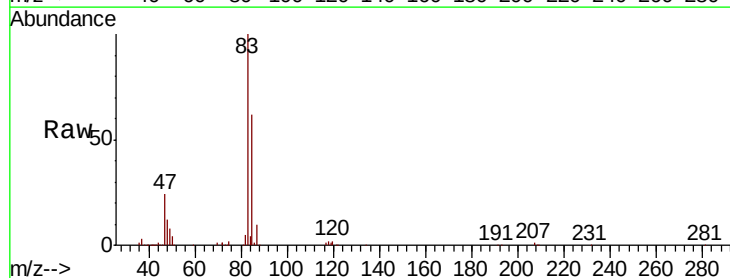
Instrument :
MSVOA_Y
ClientSampleId :

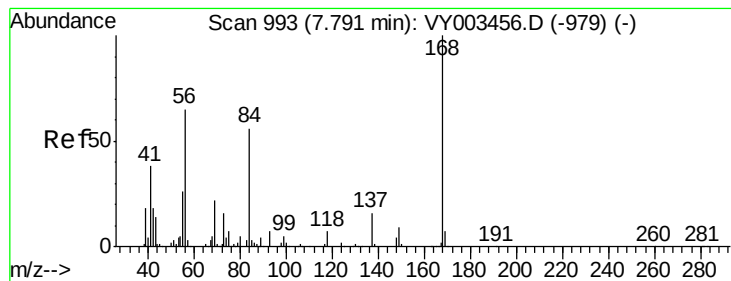
Tot Ion: 42 Resp: 124034
Ion Ratio Lower Upper
42 100
72 42.3 33.3 49.9
71 39.3 31.7 47.5



#30
Chloroform
Concen: 21.064 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 83 Resp: 188475
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4





#31

Cyclohexane

Concen: 19.934 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

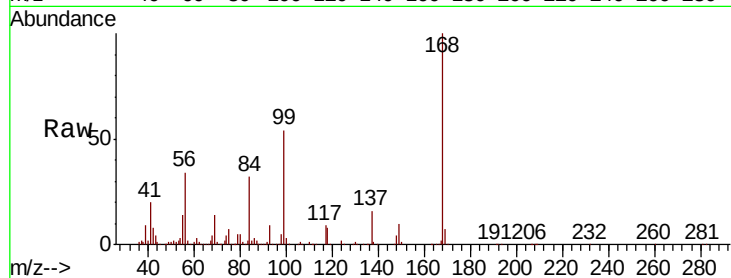
Tot Ion: 56 Resp: 156355

Ion Ratio Lower Upper

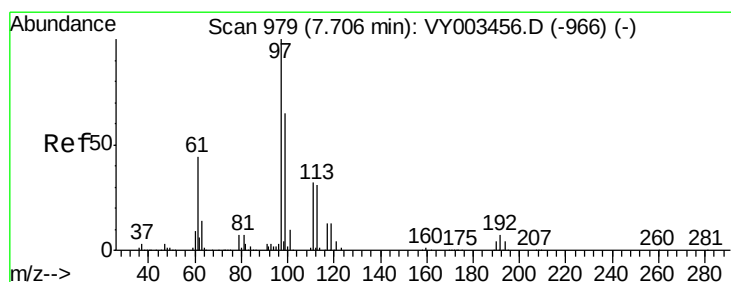
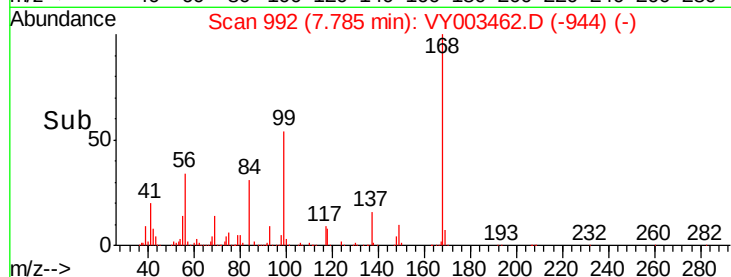
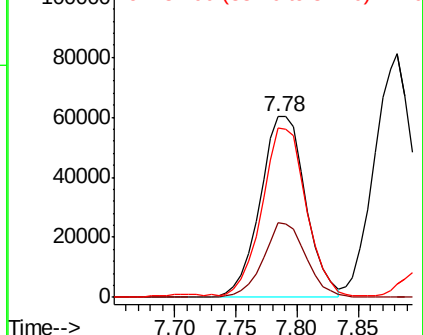
56 100

69 41.4 26.8 40.2#

84 92.1 69.1 103.7



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



#32

1,1,1-Trichloroethane

Concen: 19.987 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

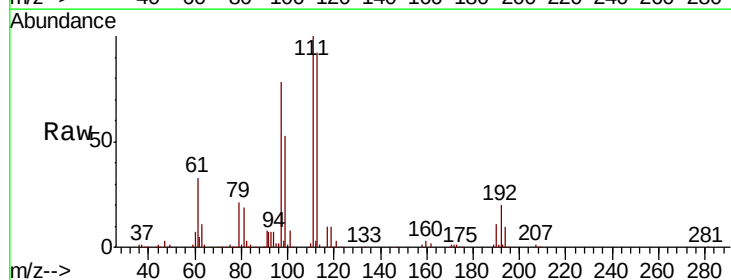
Tgt Ion: 97 Resp: 163971

Ion Ratio Lower Upper

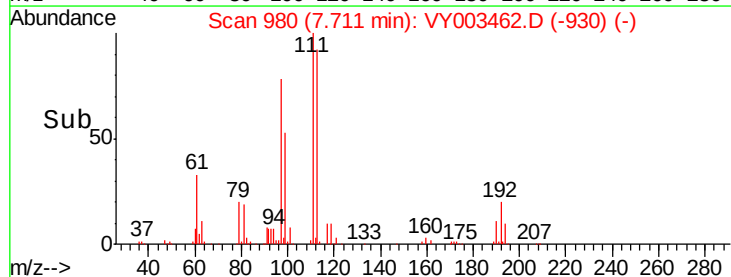
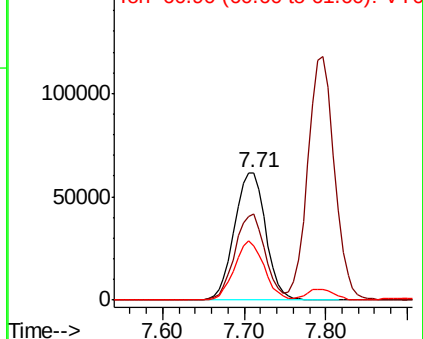
97 100

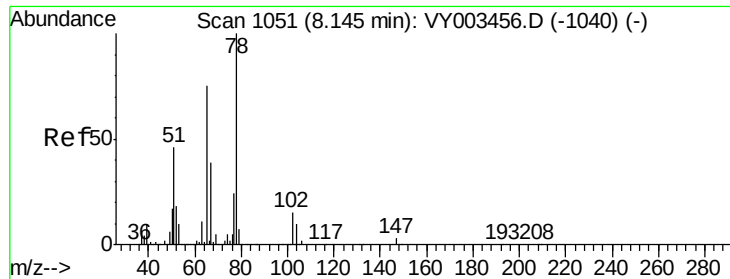
99 64.9 51.5 77.3

61 43.8 34.4 51.6



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

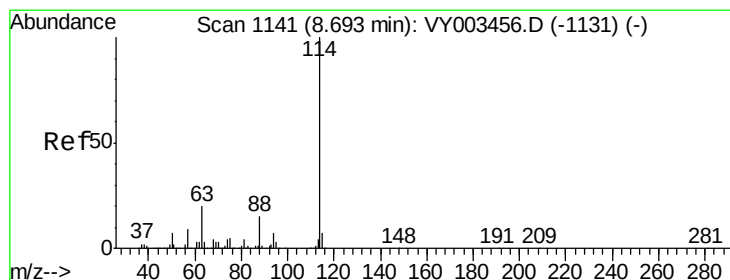
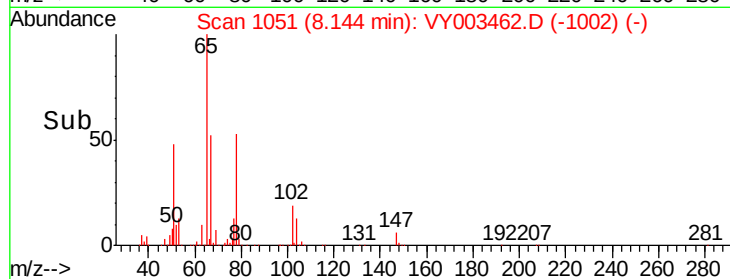
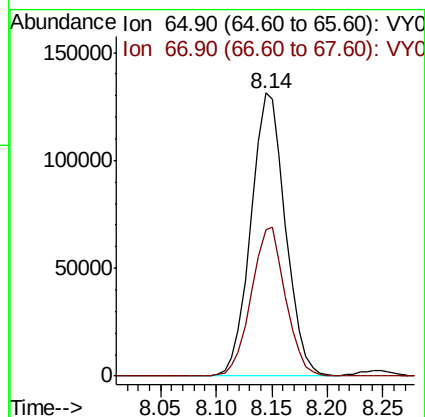
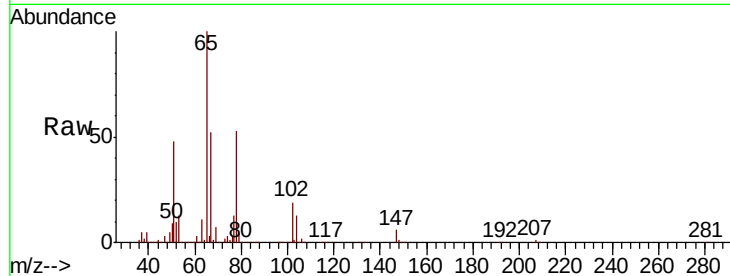




#33
 1,2-Dichloroethane-d4
 Concen: 51.979 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

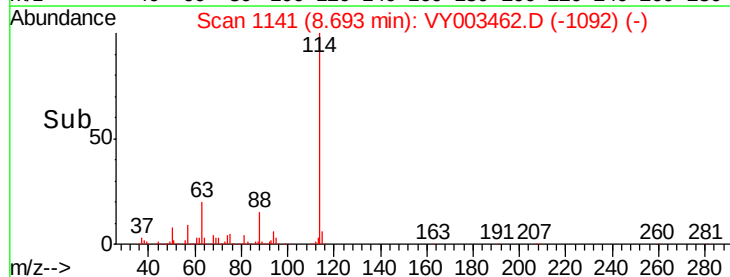
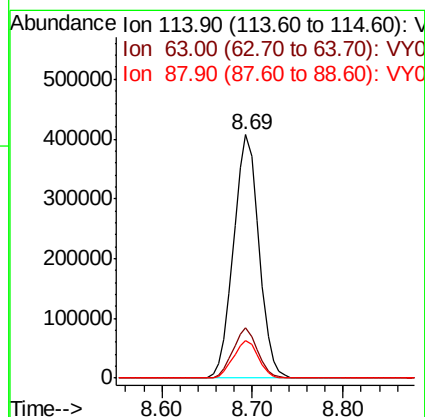
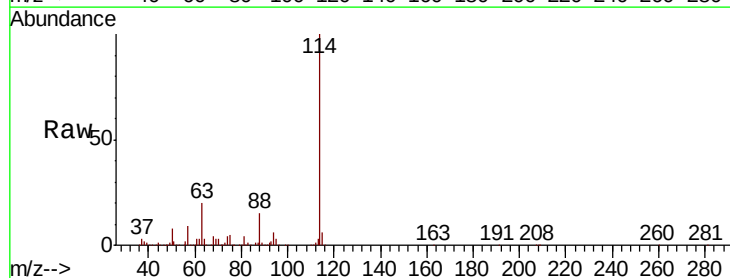
Instrument :
 MSVOA_Y
 ClientSampled :

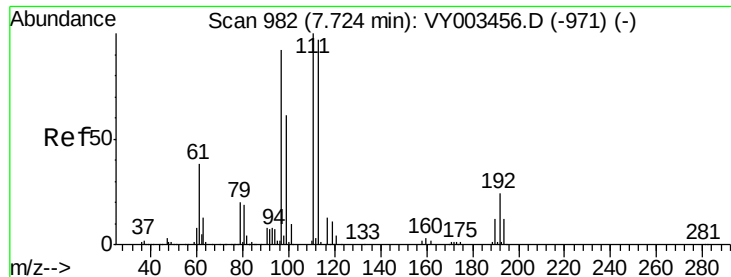
Tot Ion: 65 Resp: 283320
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion: 114 Resp: 790365
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.3 0.0 30.0

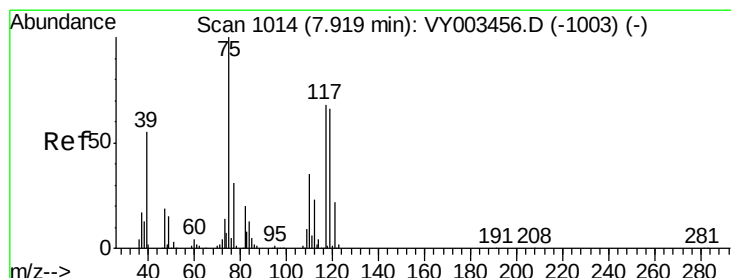
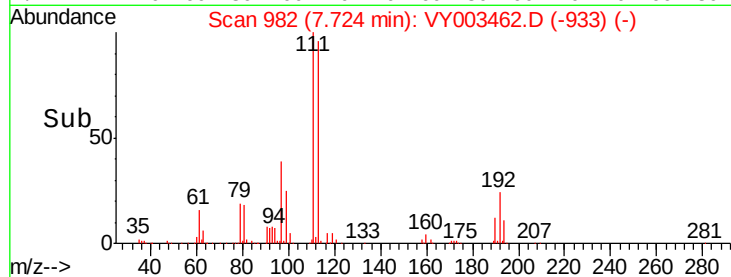
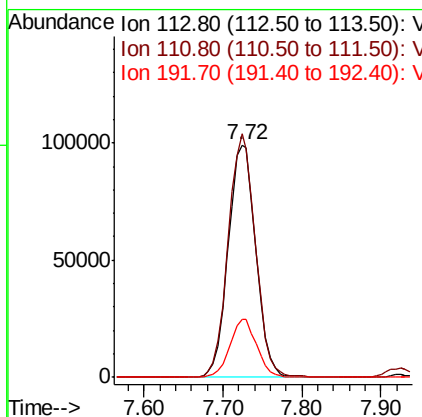
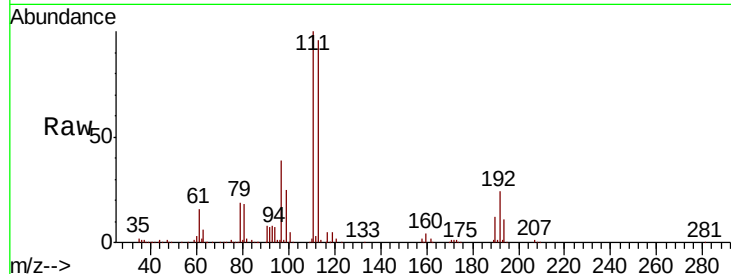




#35
 Dibromofluoromethane
 Concen: 50.652 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

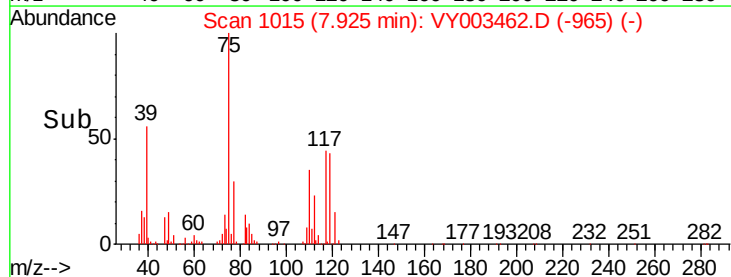
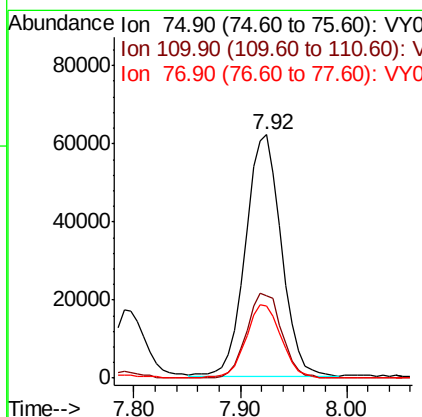
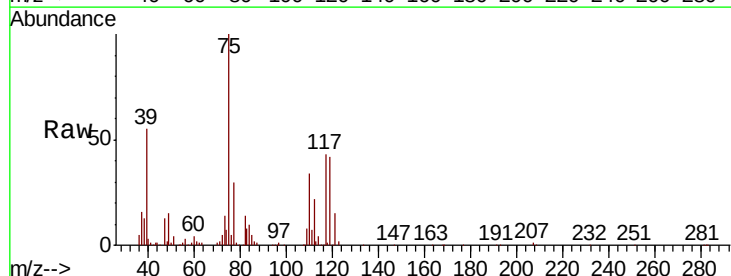
Instrument :
 MSVOA_Y
 ClientSampled :

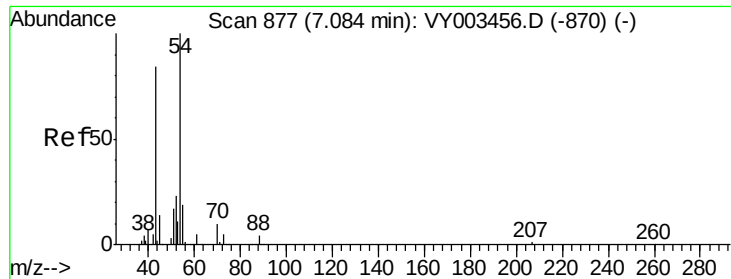
Tot Ion:113 Resp: 241433
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 24.4 19.8 29.6



#36
 1,1-Dichloropropene
 Concen: 19.606 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion: 75 Resp: 145326
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.8 53.3
 77 30.4 24.8 37.2

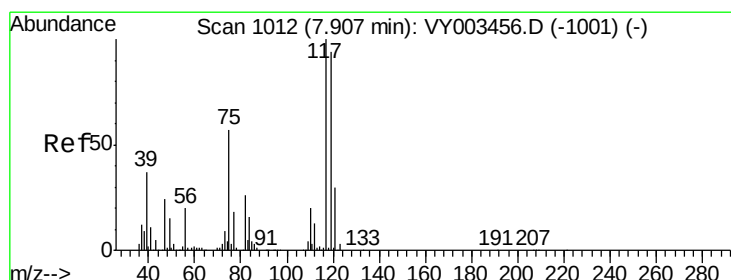
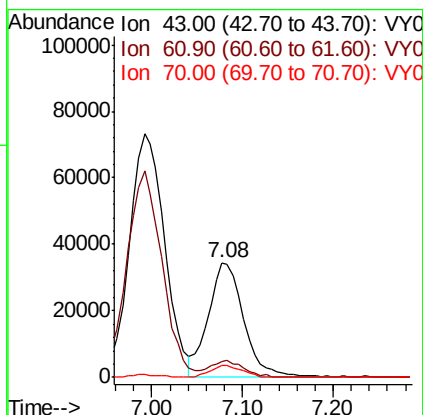
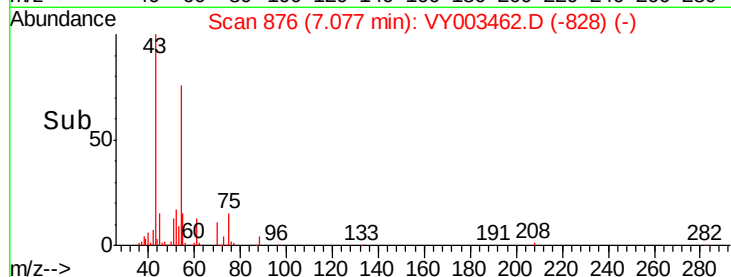
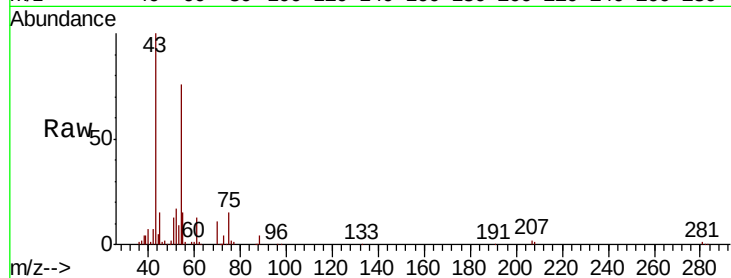




#37
Ethyl Acetate
Concen: 21.331 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

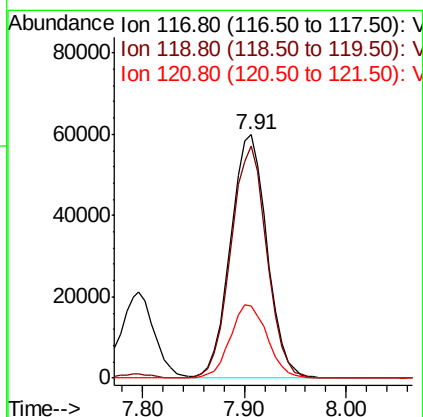
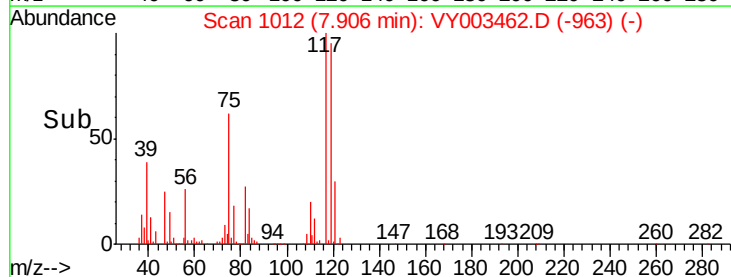
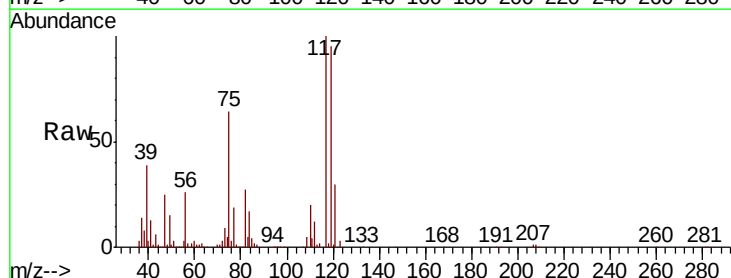
Instrument :
MSVOA_Y
ClientSampled :

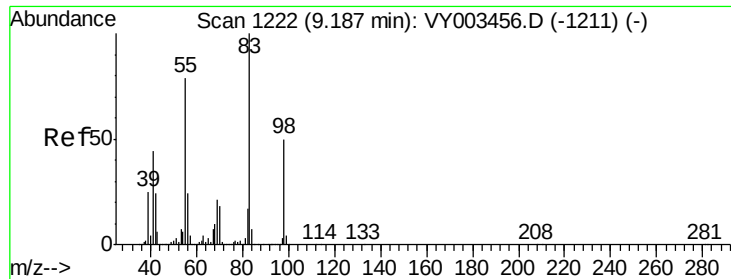
Tot Ion: 43 Resp: 93430
Ion Ratio Lower Upper
43 100
61 12.9 11.0 16.4
70 9.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.080 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 117 Resp: 148295
Ion Ratio Lower Upper
117 100
119 95.2 74.7 112.1
121 29.5 24.3 36.5

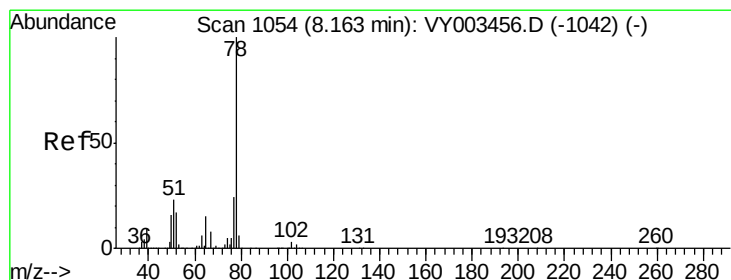
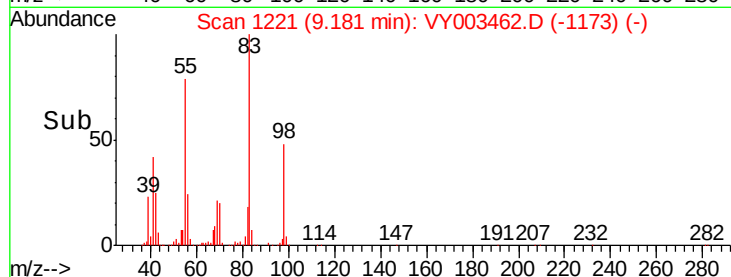
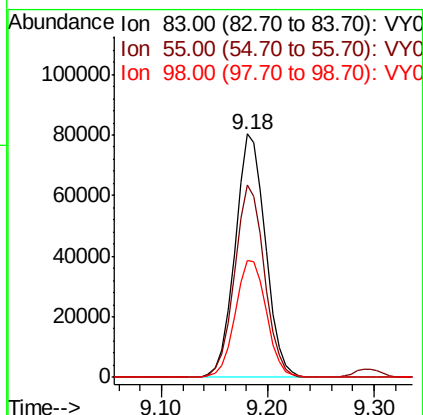
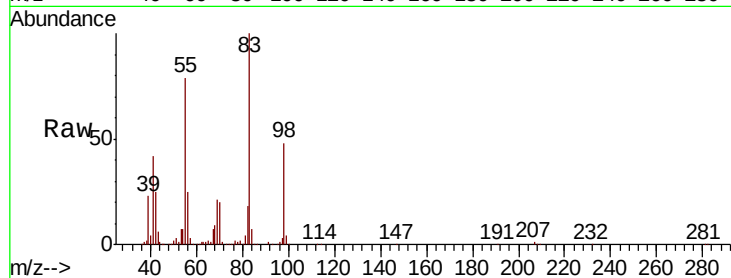




#39
Methylvlcyclohexane
Concen: 19.668 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

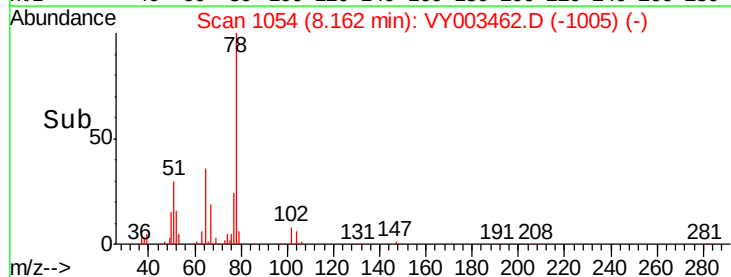
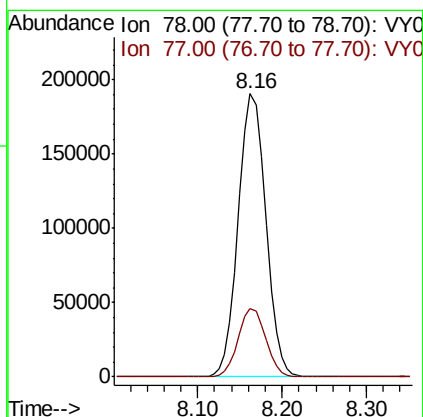
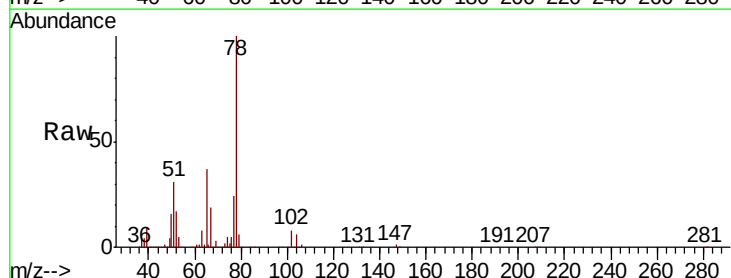
Instrument :
MSVOA_Y
ClientSampled :

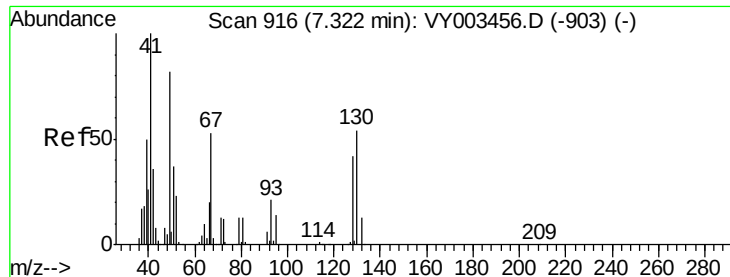
Tot Ion: 83 Resp: 160631
Ion Ratio Lower Upper
83 100
55 79.0 63.0 94.6
98 48.1 39.7 59.5



#40
Benzene
Concen: 20.049 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 78 Resp: 421668
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

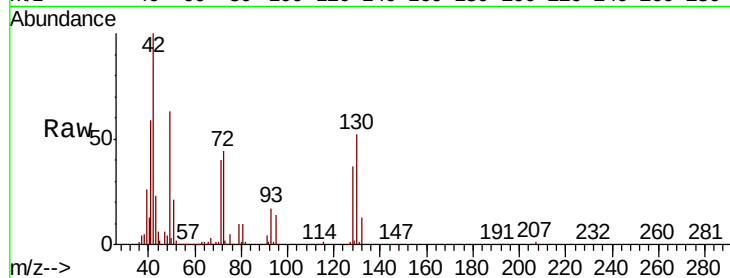




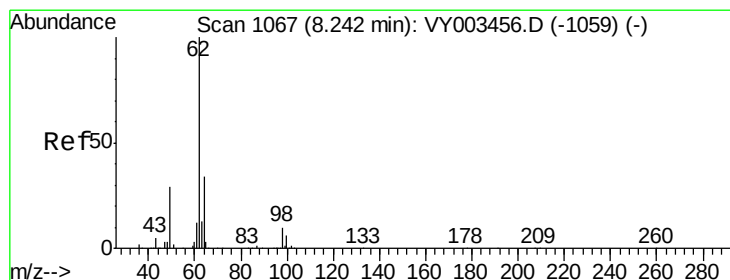
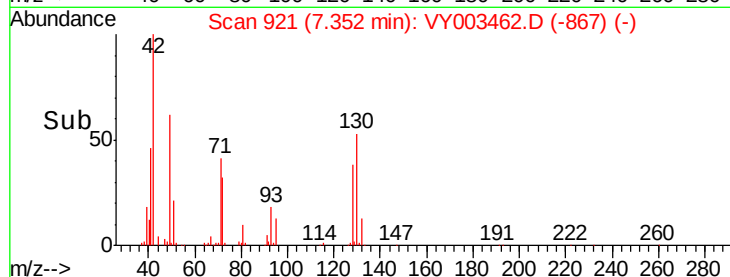
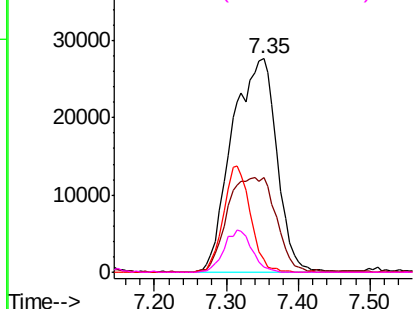
#41
Methacrylonitrile
Concen: 53.482 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	119427
Ion	Ratio	Lower	Upper
41	100		
39	47.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

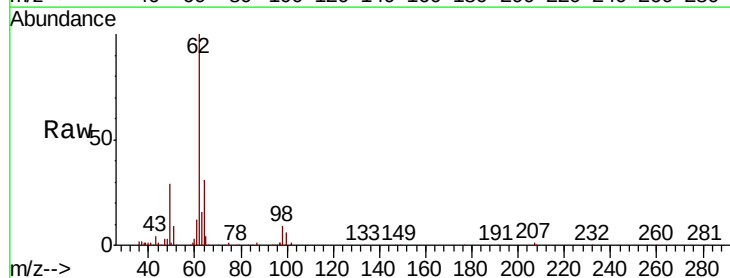


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

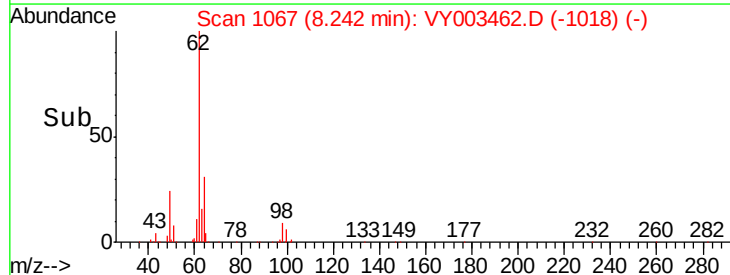
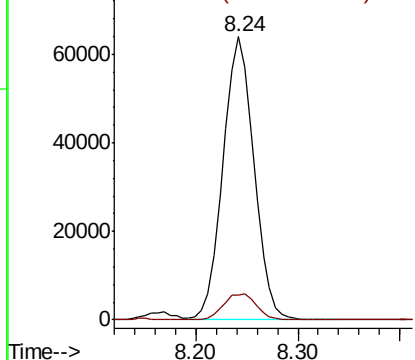


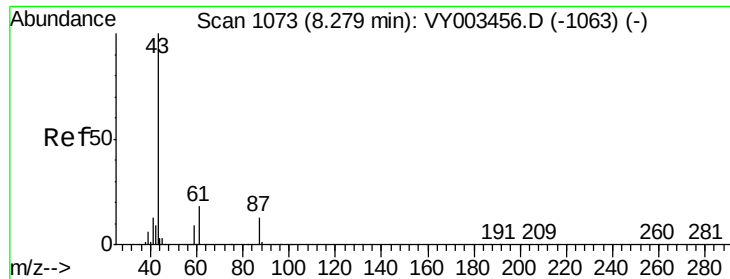
#42
1,2-Dichloroethane
Concen: 20.081 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion:	62	Resp:	134798
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 20.486 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampled :

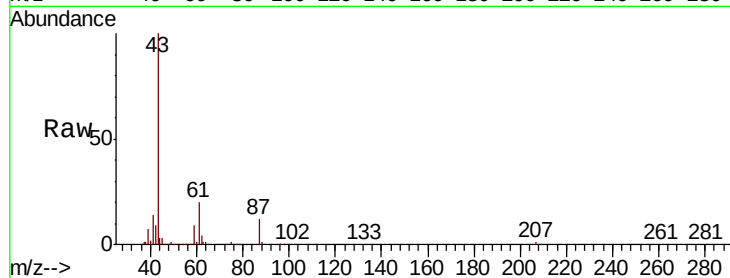
Tot Ion: 43 Resp: 167992

Ion Ratio Lower Upper

43 100

61 28.2 22.7 34.1

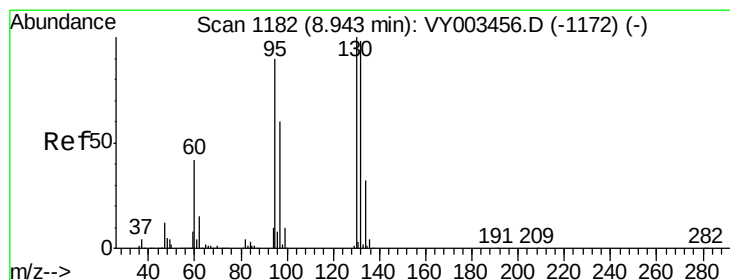
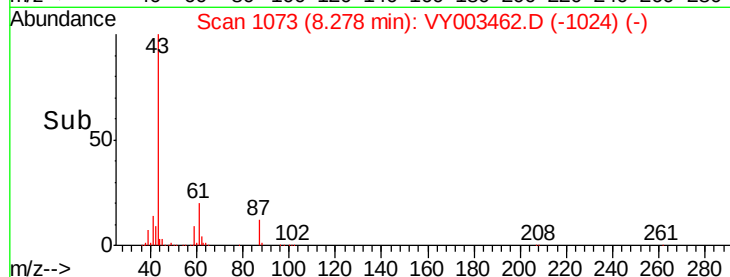
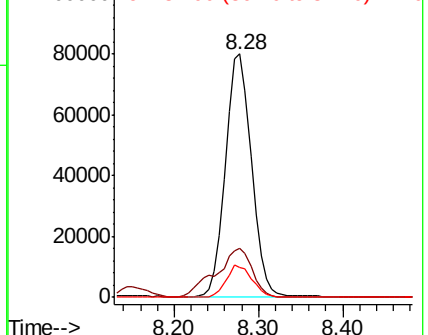
87 13.1 10.4 15.6



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: 19.447 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003462.D

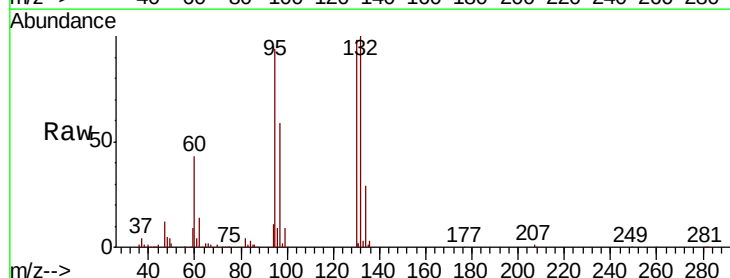
Acq: 05 Oct 2020 19:34

Tgt Ion:130 Resp: 120467

Ion Ratio Lower Upper

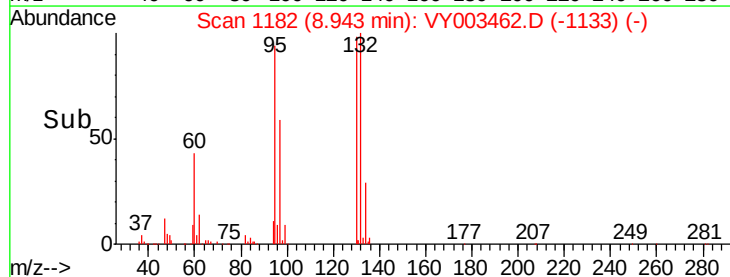
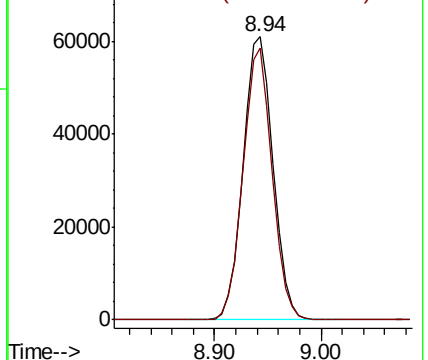
130 100

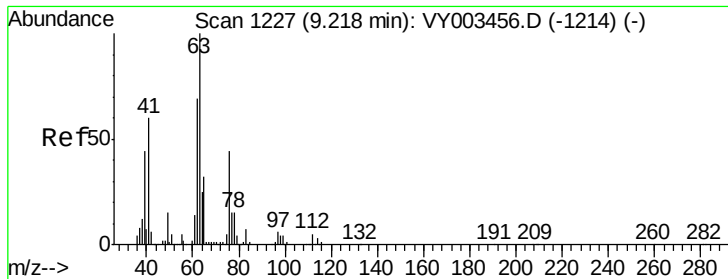
95 96.2 0.0 180.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 19.875 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

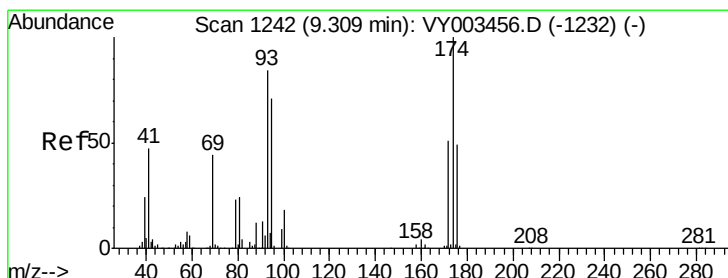
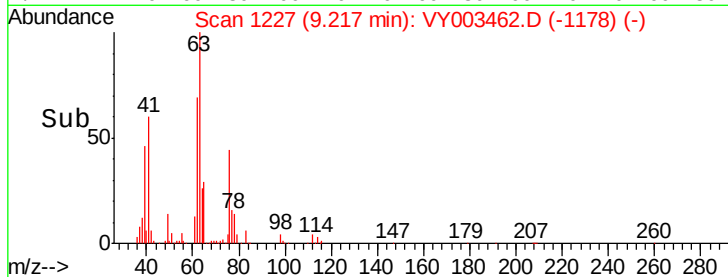
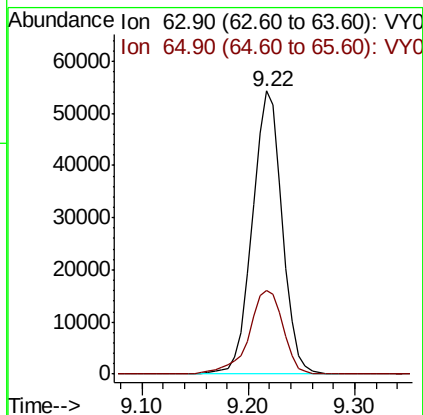
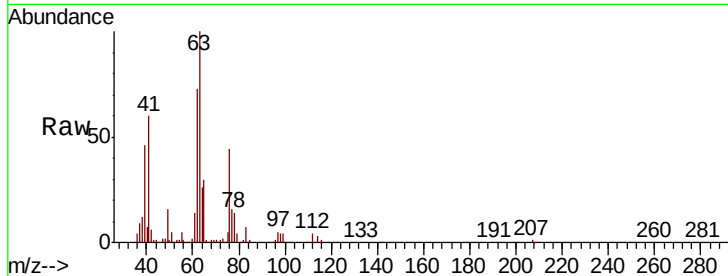
ClientSampleId :

Tot Ion: 63 Resp: 106535

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 20.298 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

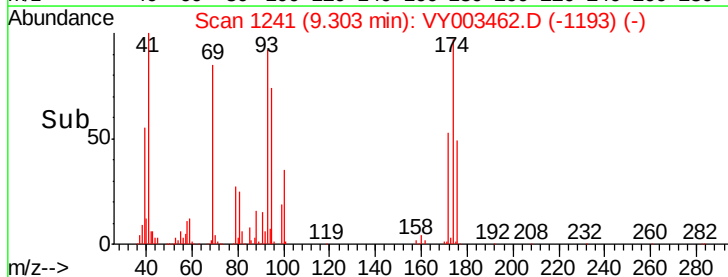
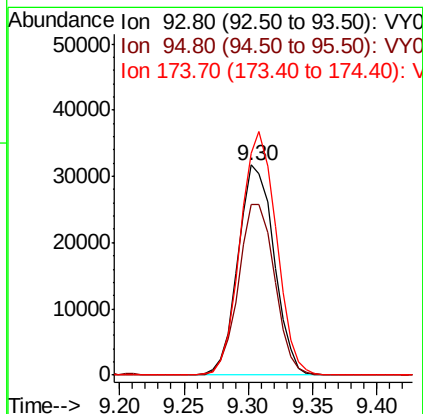
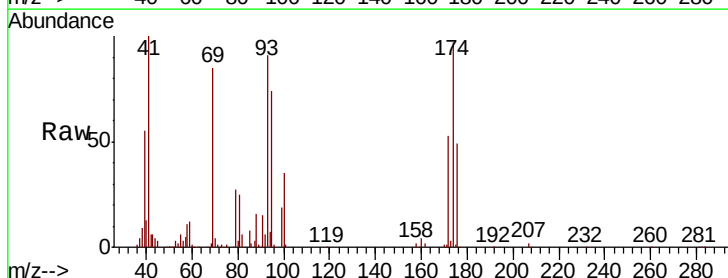
Tgt Ion: 93 Resp: 61524

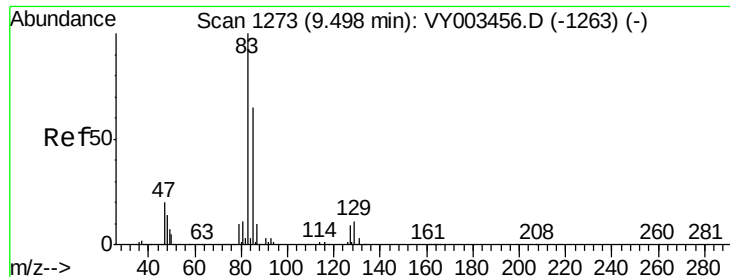
Ion Ratio Lower Upper

93 100

95 81.8 65.6 98.4

174 115.4 94.3 141.5





#47

Bromodichloromethane

Concen: 20.199 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampled :

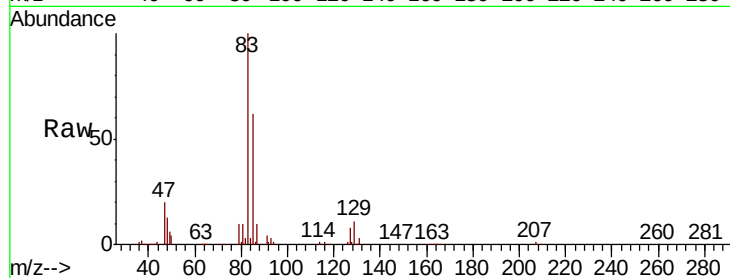
Tot Ion: 83 Resp: 150092

Ion Ratio Lower Upper

83 100

85 62.2 52.1 78.1

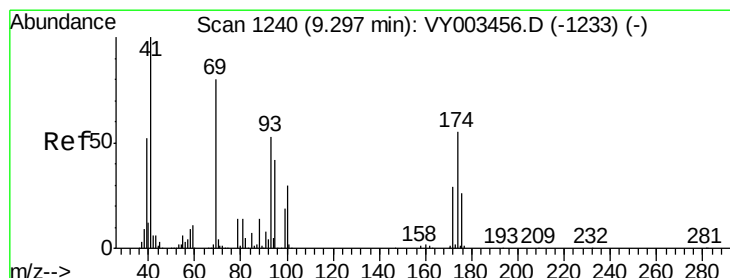
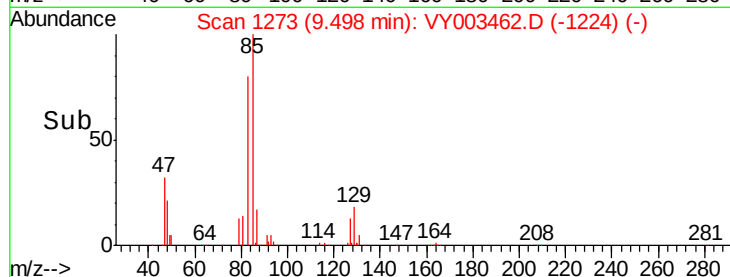
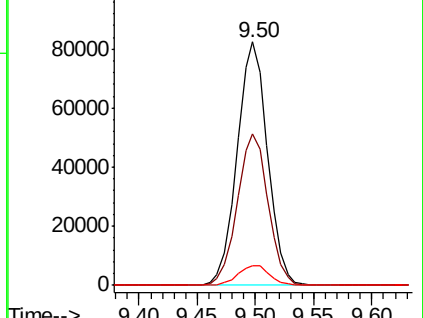
127 8.2 7.5 11.3



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: 21.050 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

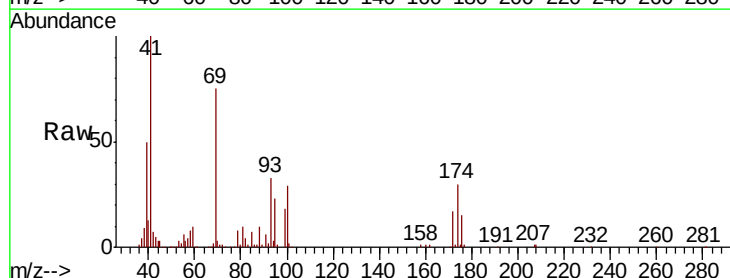
Tgt Ion: 41 Resp: 81735

Ion Ratio Lower Upper

41 100

69 81.7 66.3 99.5

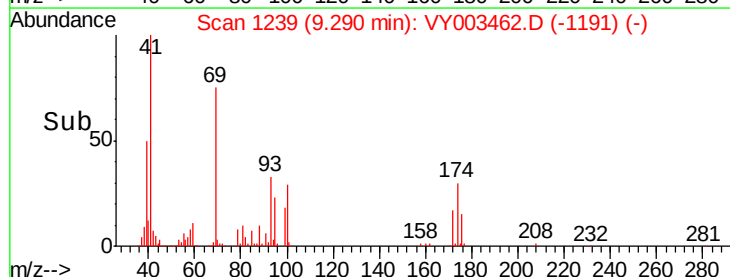
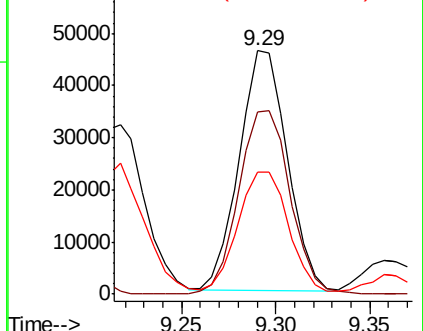
39 54.4 45.2 67.8

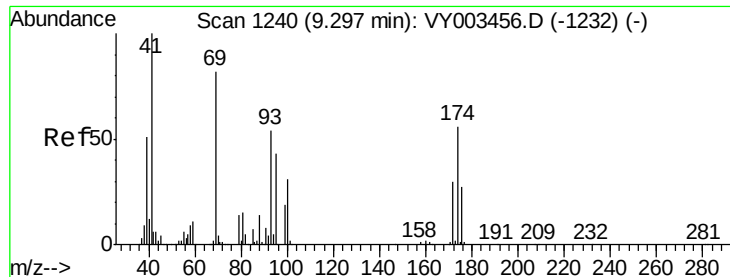


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

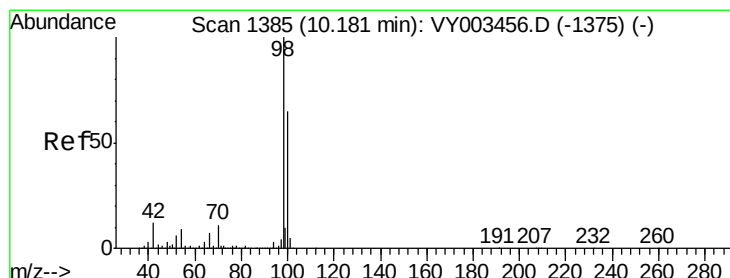
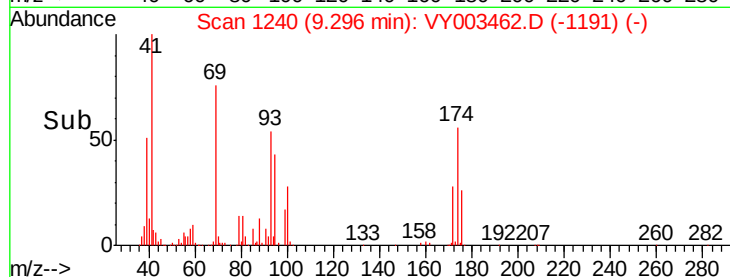
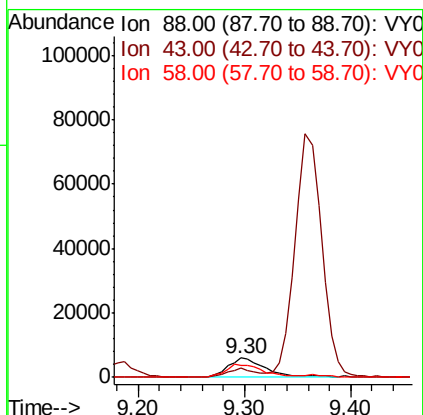
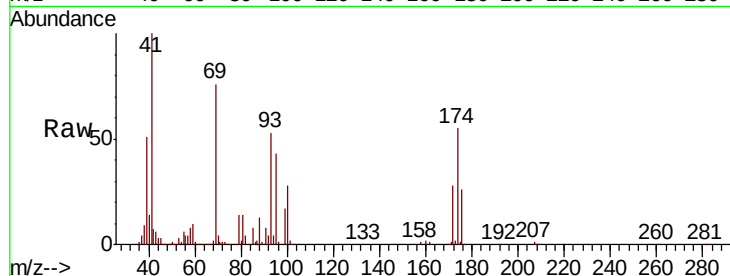




#49
1,4-Dioxane
Concen: 424.146 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

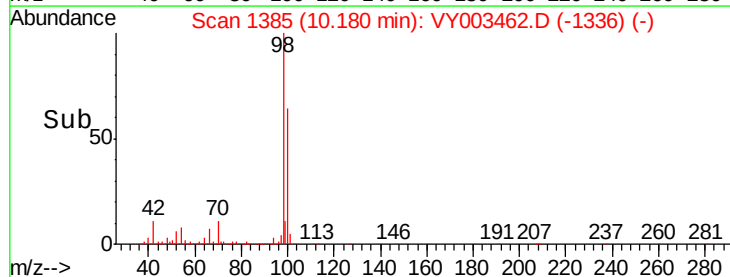
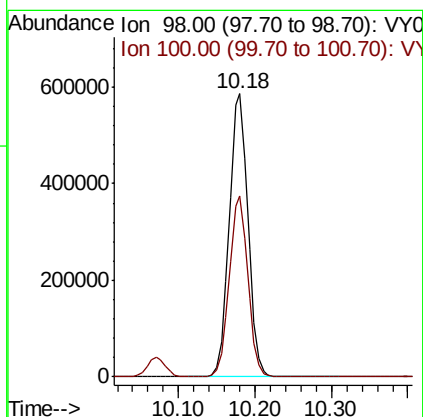
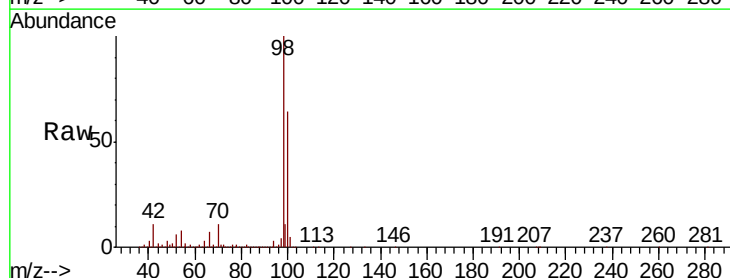
Instrument :
MSVOA_Y
ClientSampleId :

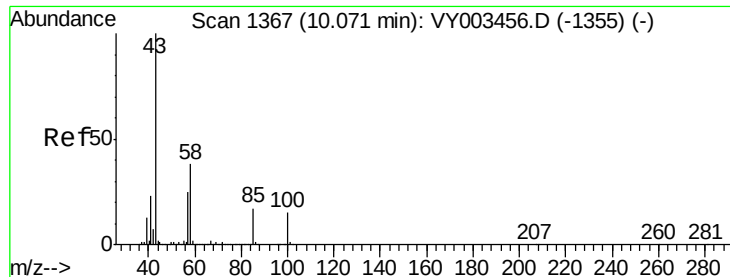
Tot Ion: 88 Resp: 15177
Ion Ratio Lower Upper
88 100
43 31.7 28.6 43.0
58 64.2 51.8 77.6



#50
Toluene-d8
Concen: 49.546 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 98 Resp: 989066
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 104.063 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

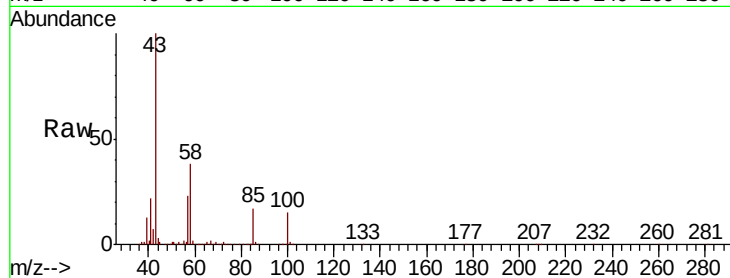
ClientSampleId :

Tot Ion: 43 Resp: 454284

Ion Ratio Lower Upper

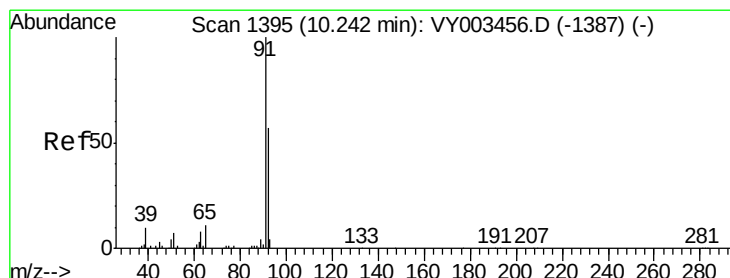
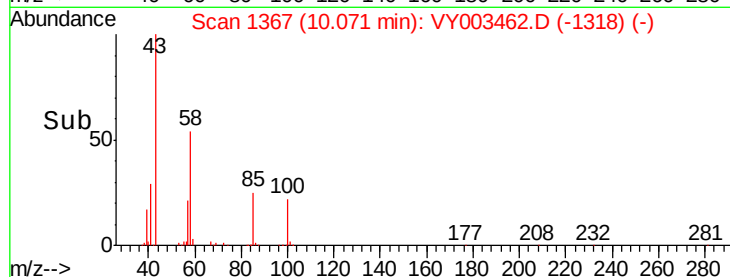
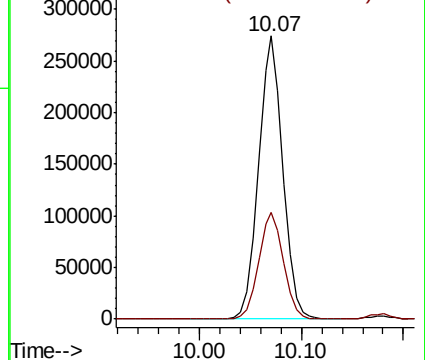
43 100

58 38.4 30.4 45.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.702 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003462.D

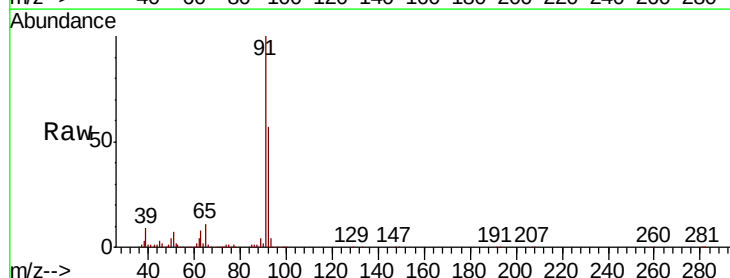
Acq: 05 Oct 2020 19:34

Tgt Ion: 92 Resp: 267051

Ion Ratio Lower Upper

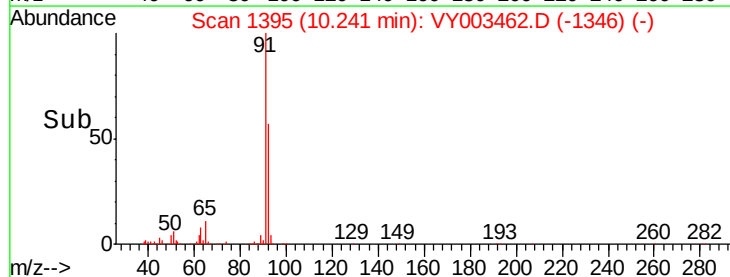
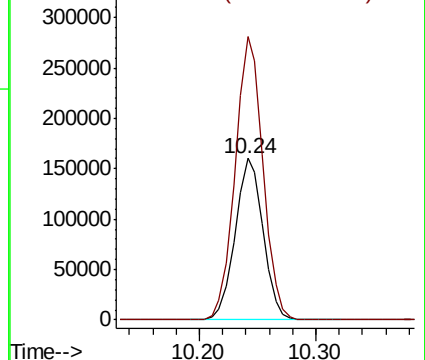
92 100

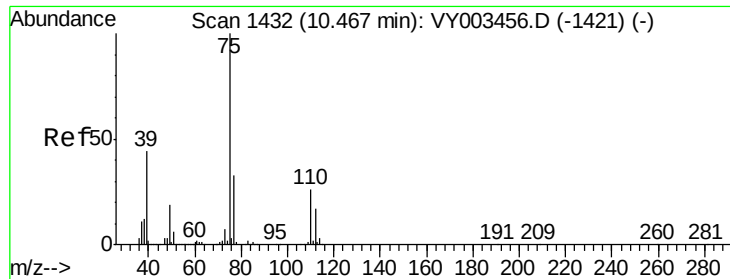
91 174.9 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.787 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

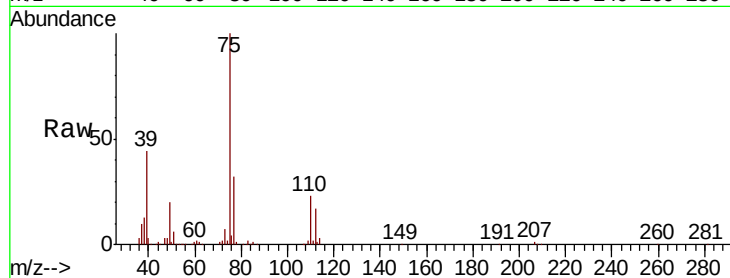
ClientSampled :

Tot Ion: 75 Resp: 157251

Ion Ratio Lower Upper

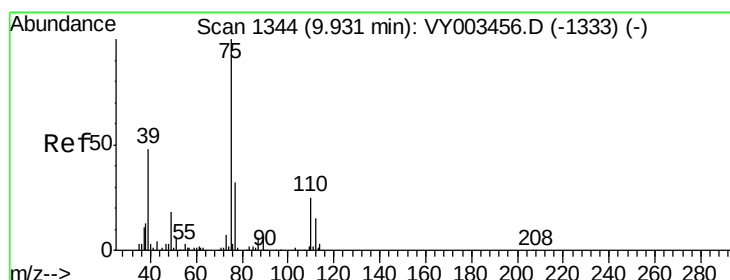
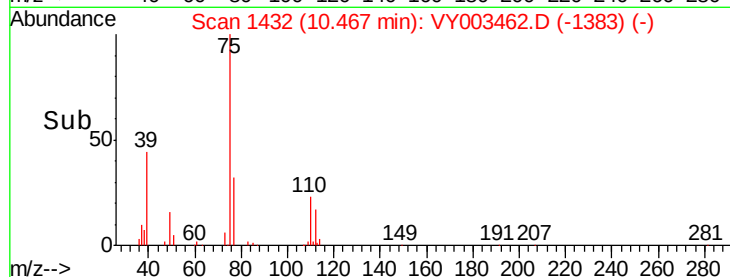
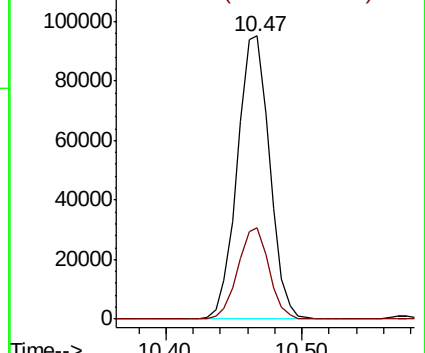
75 100

77 32.5 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.869 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

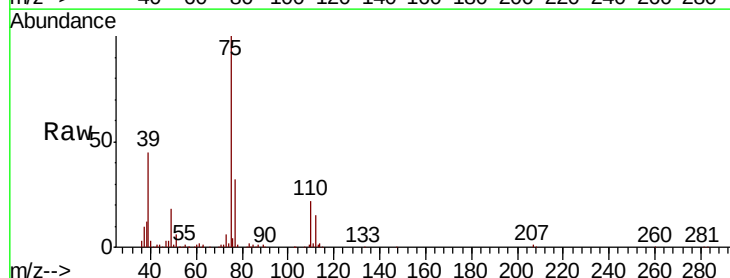
Tgt Ion: 75 Resp: 176064

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9

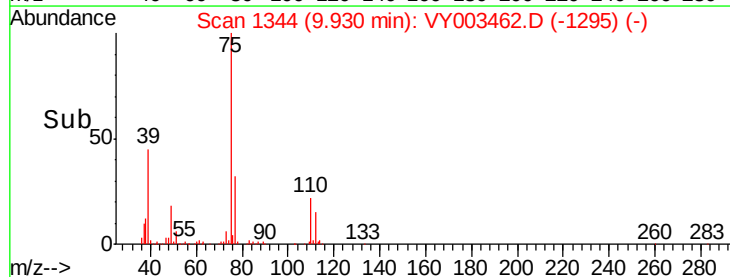
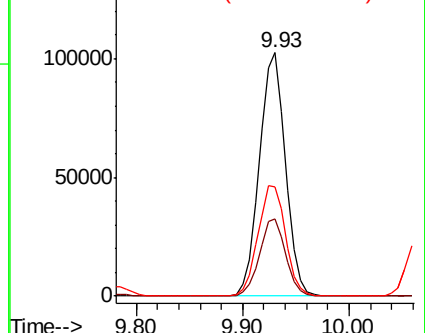
39 44.9 38.7 58.1

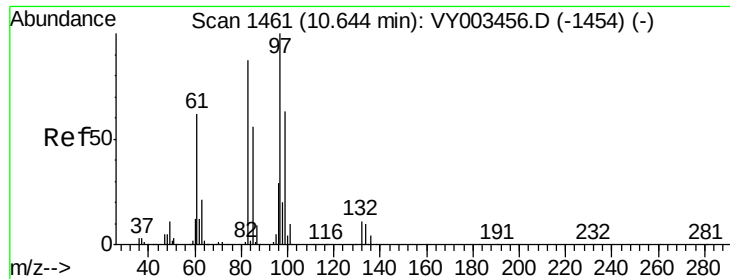


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

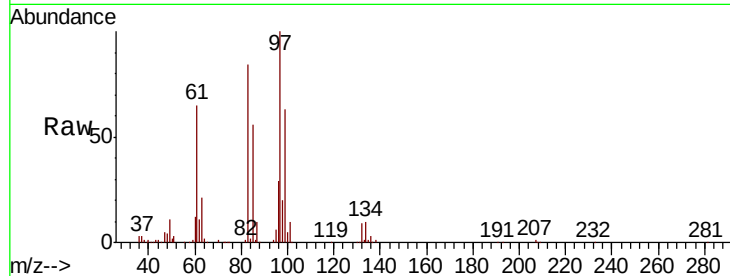




#55
 1,1,2-Trichloroethane
 Concen: 20.056 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	86918
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.9	104.9
85	56.0	44.5	66.7
99	63.3	50.6	76.0



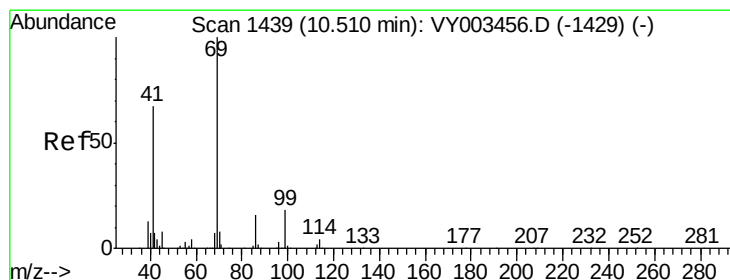
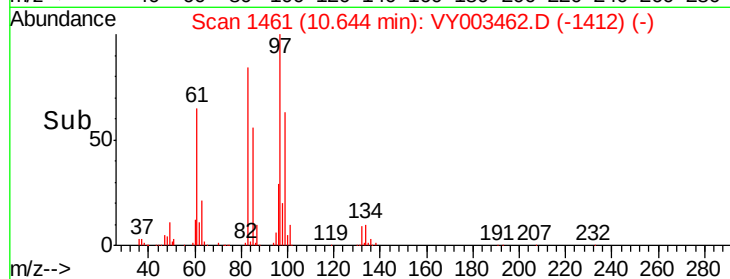
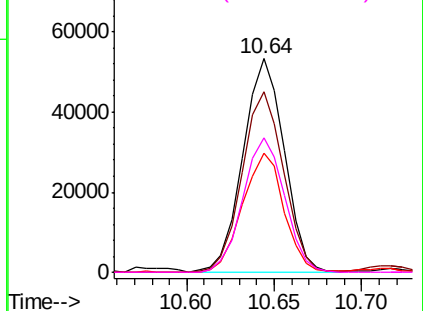
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

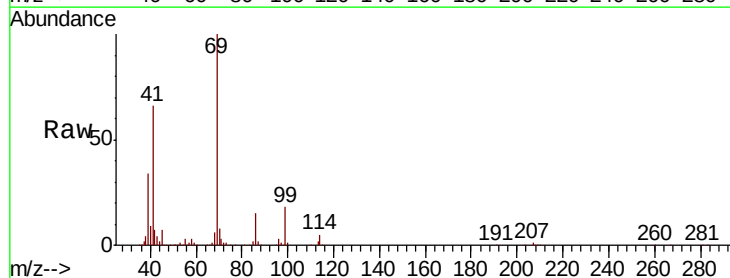
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 20.619 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion:	69	Resp:	120222
Ion	Ratio	Lower	Upper
69	100		
41	67.0	55.4	83.2
39	34.4	28.8	43.2

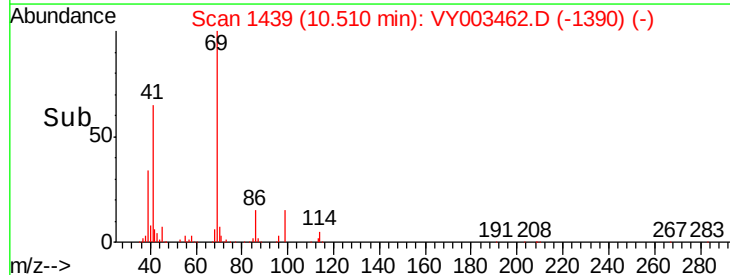
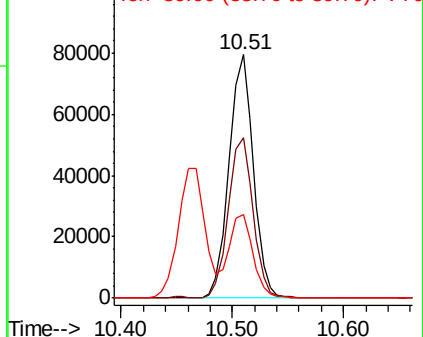


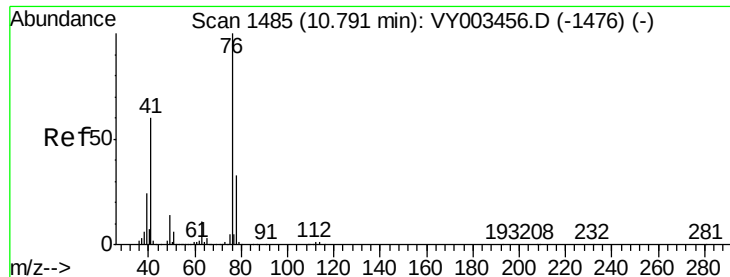
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 20.459 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

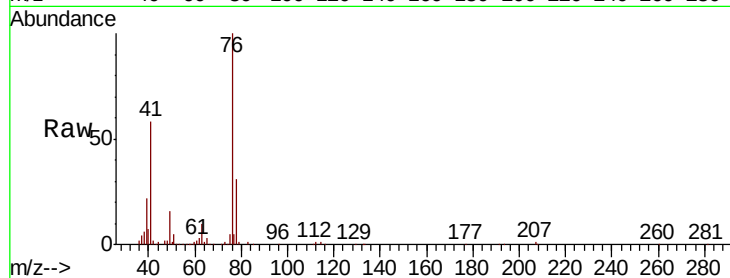
ClientSampled :

Tot Ion: 76 Resp: 153764

Ion Ratio Lower Upper

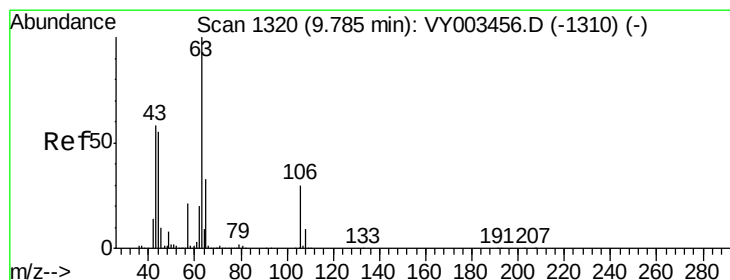
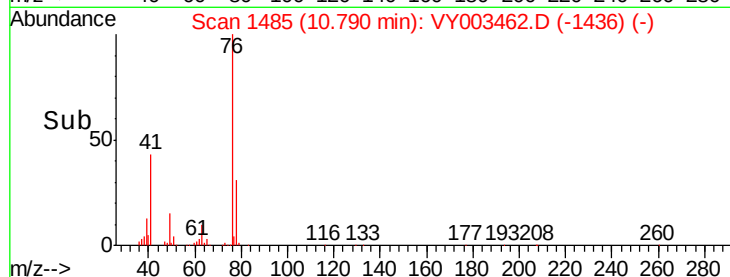
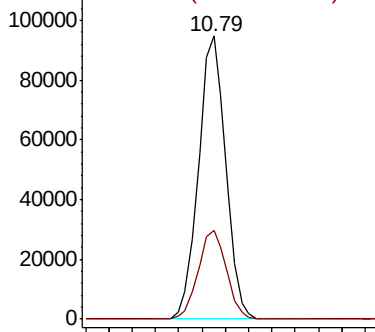
76 100

78 32.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 109.076 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003462.D

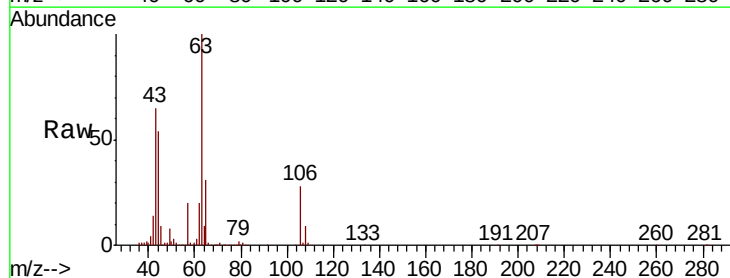
Acq: 05 Oct 2020 19:34

Tgt Ion: 63 Resp: 333207

Ion Ratio Lower Upper

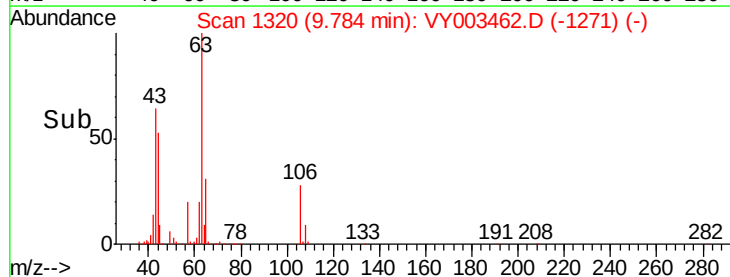
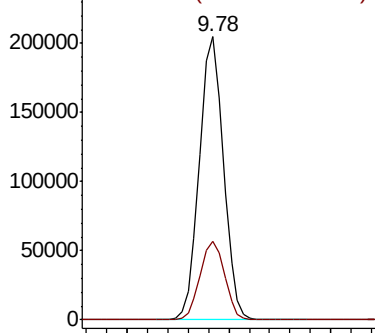
63 100

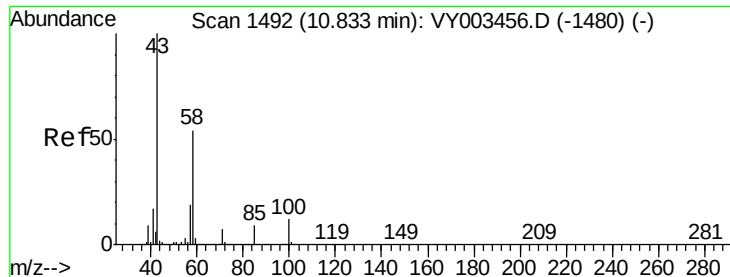
106 28.3 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

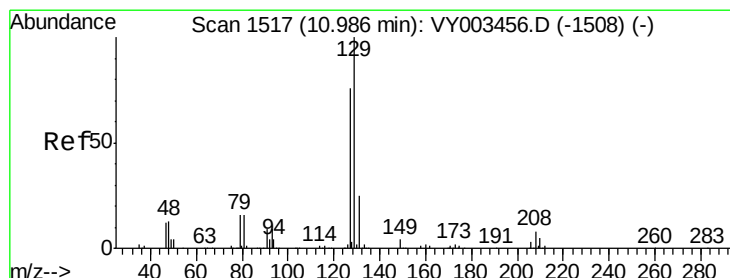
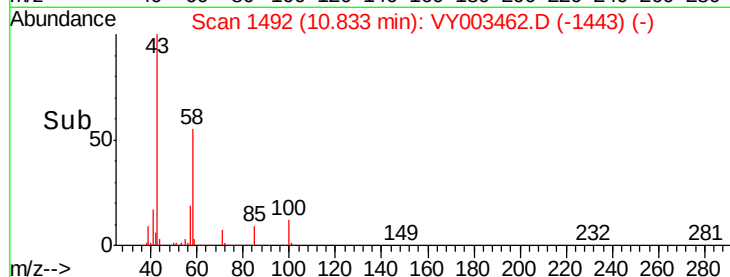
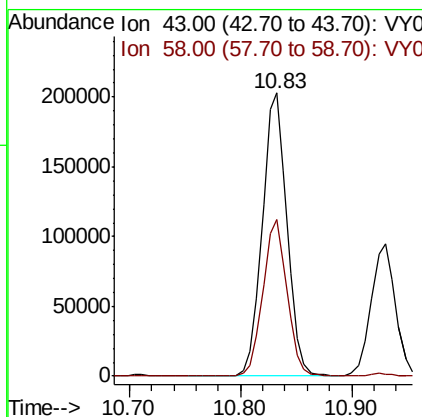
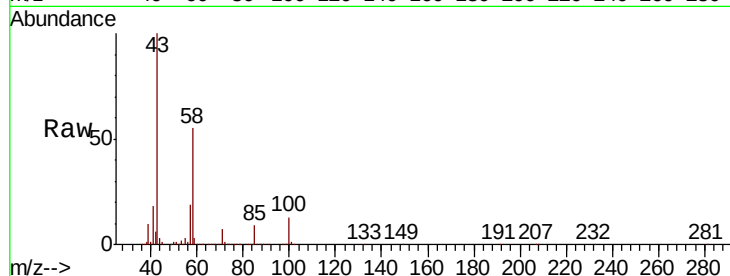




#59
2-Hexanone
Concen: 102.402 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

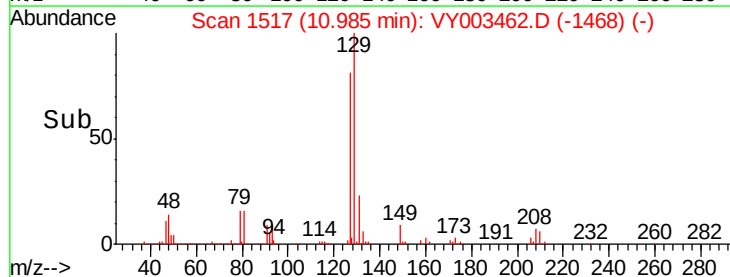
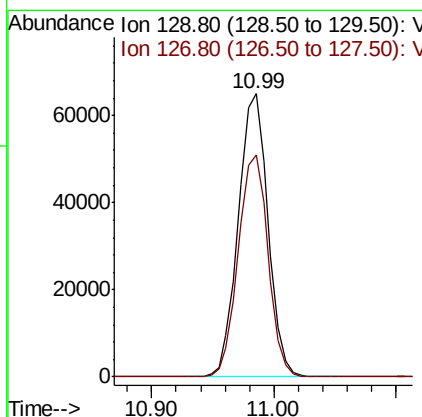
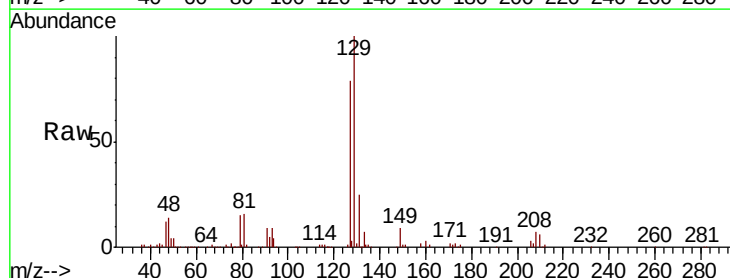
Instrument :
MSVOA_Y
ClientSampled :

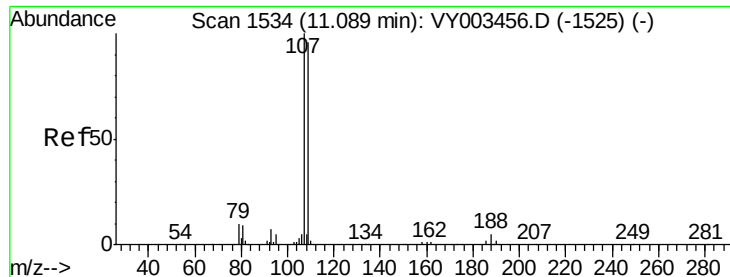
Tot Ion: 43 Resp: 314015
Ion Ratio Lower Upper
43 100
58 54.3 26.8 80.3



#60
Dibromochloromethane
Concen: 19.958 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 129 Resp: 109486
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

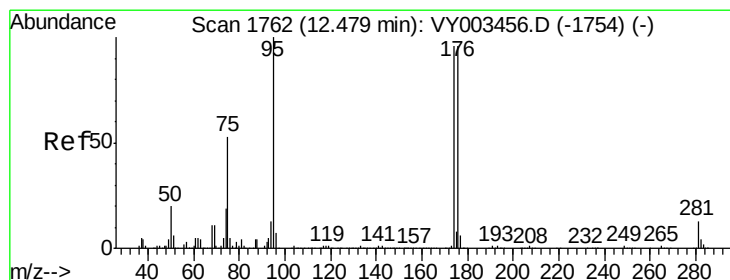
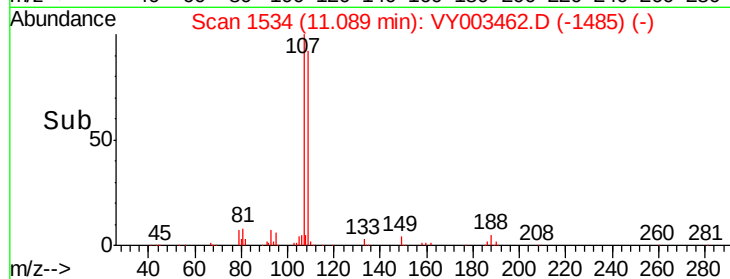
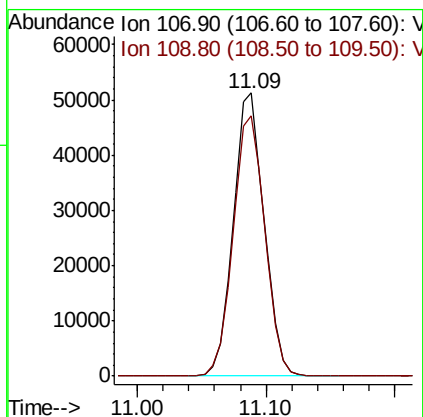
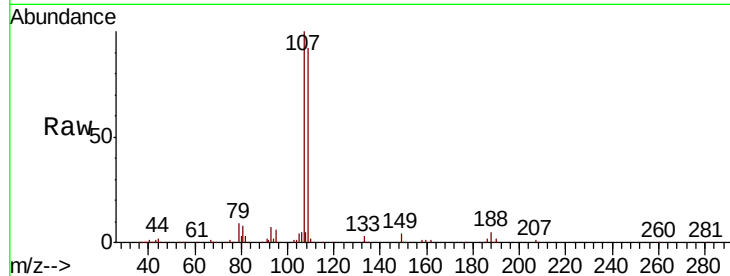




#61
 1,2-Dibromoethane
 Concen: 20.412 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

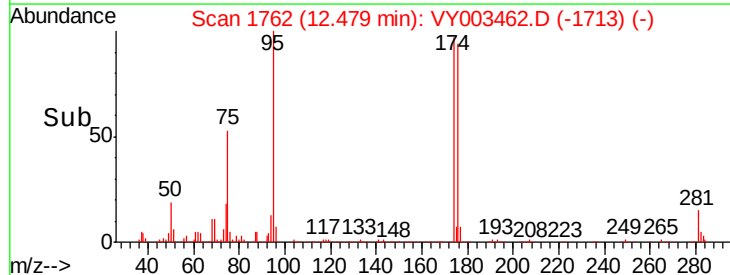
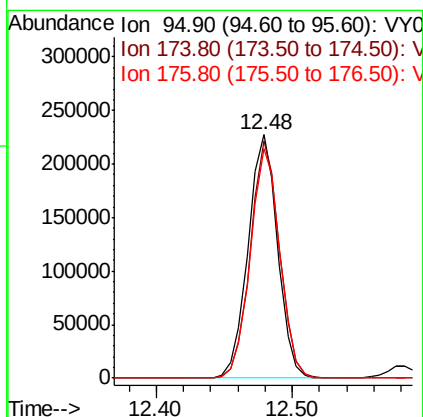
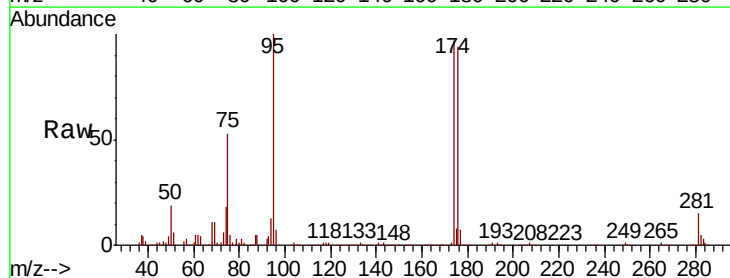
Instrument :
 MSVOA_Y
 ClientSampleId :

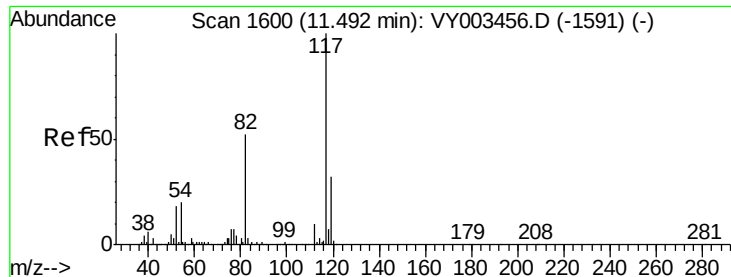
Tot Ion: 107 Resp: 85096
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.926 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion: 95 Resp: 345015
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 197.0
 176 94.3 0.0 193.6

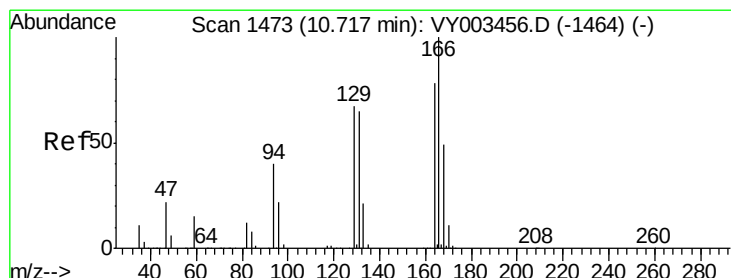
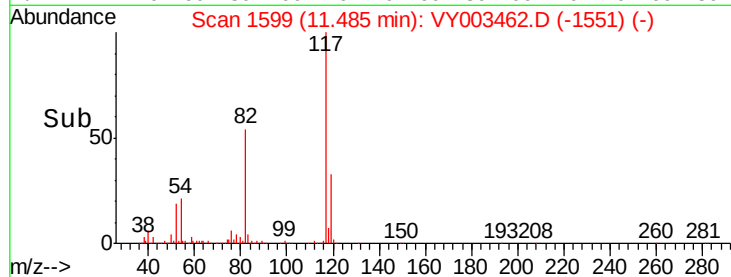
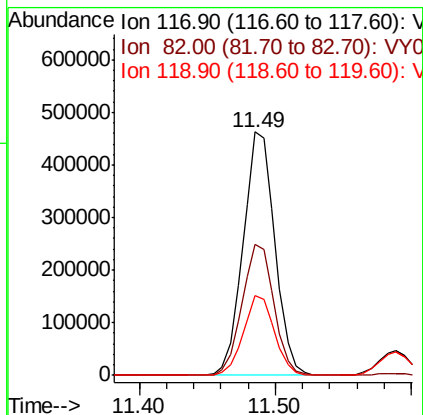
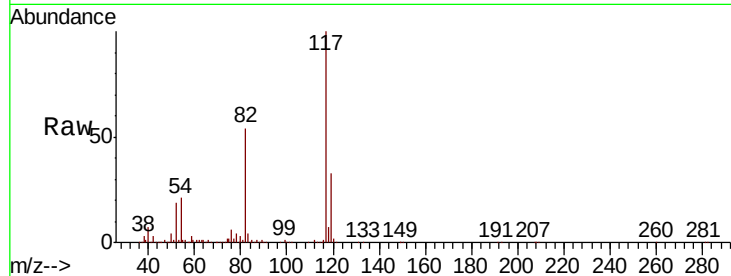




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

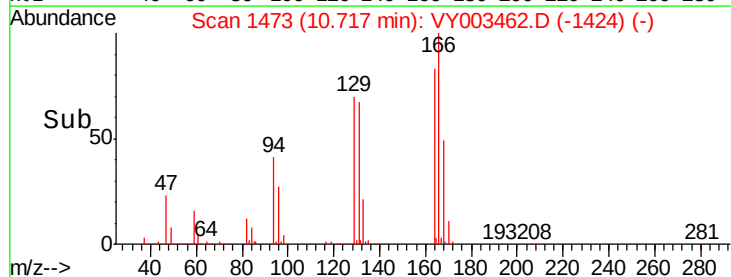
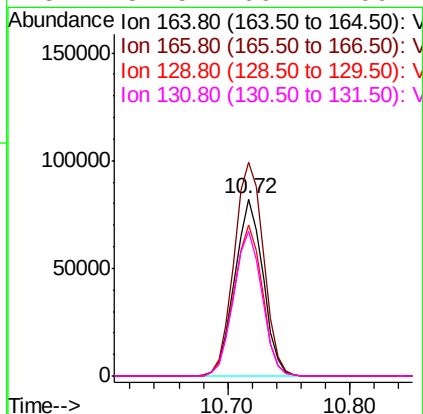
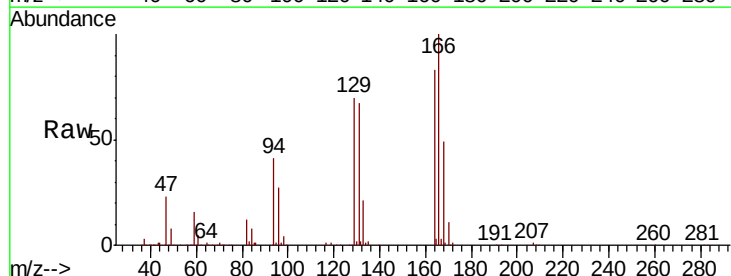
Instrument :
MSVOA_Y
ClientSampleId :

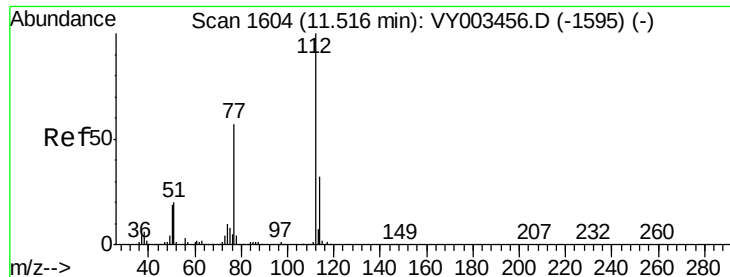
Tot Ion:117 Resp: 752104
Ion Ratio Lower Upper
117 100
82 53.8 41.7 62.5
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 19.451 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion:164 Resp: 131844
Ion Ratio Lower Upper
164 100
166 120.7 103.0 154.6
129 85.1 68.9 103.3
131 81.5 66.7 100.1

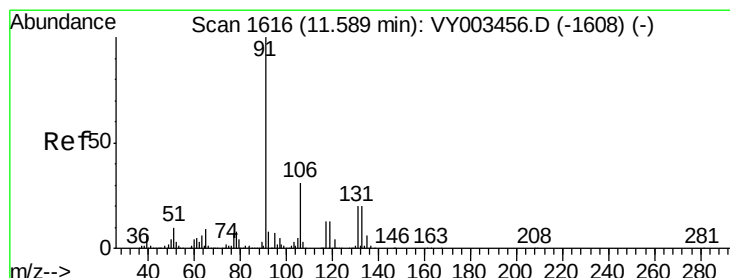
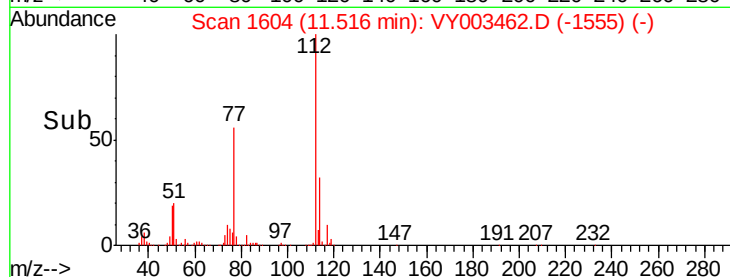
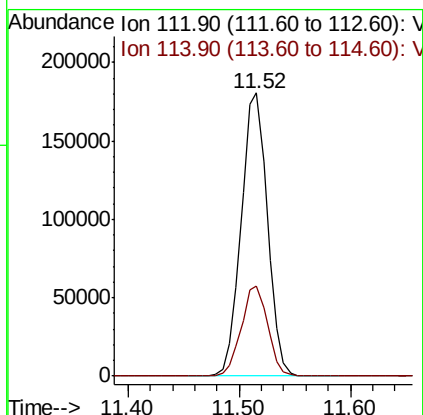
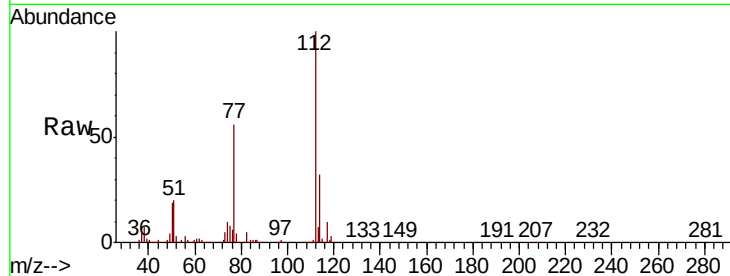




#65
Chlorobenzene
Concen: 19.629 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

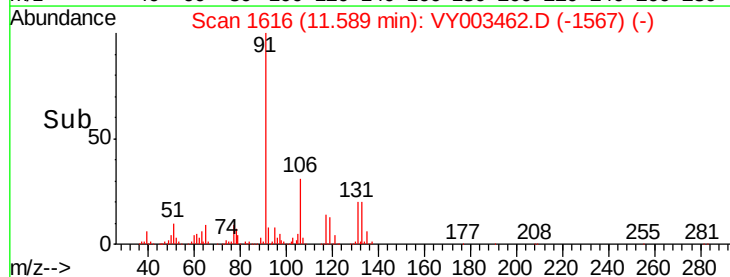
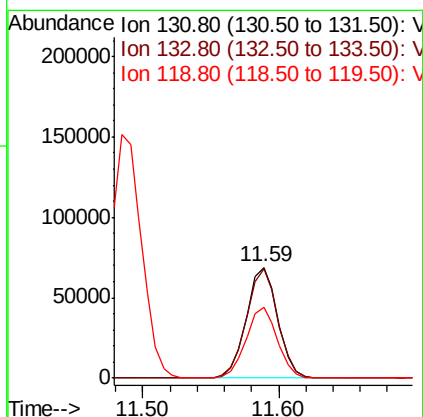
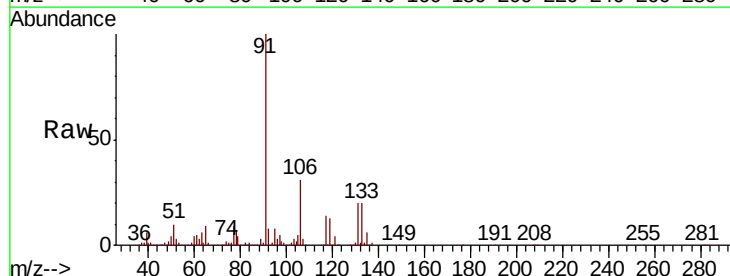
Instrument :
MSVOA_Y
ClientSampleId :

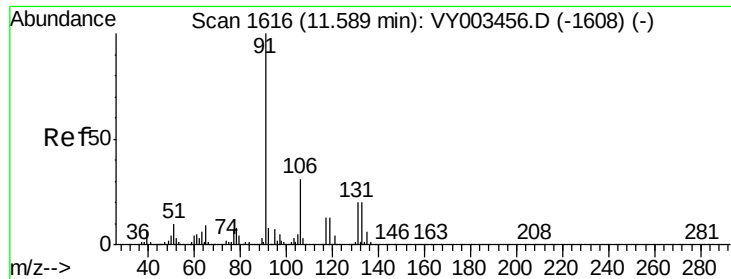
Tot Ion:112 Resp: 294972
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.572 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion:131 Resp: 112015
Ion Ratio Lower Upper
131 100
133 97.6 48.3 144.8
119 63.3 31.5 94.5

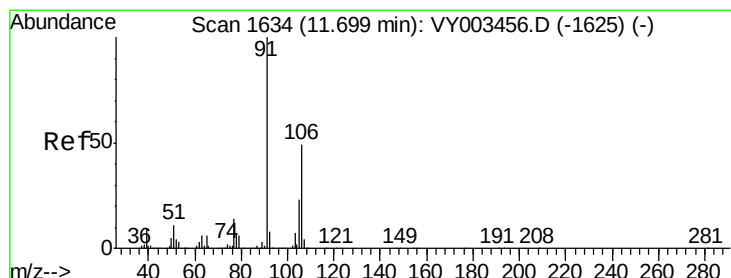
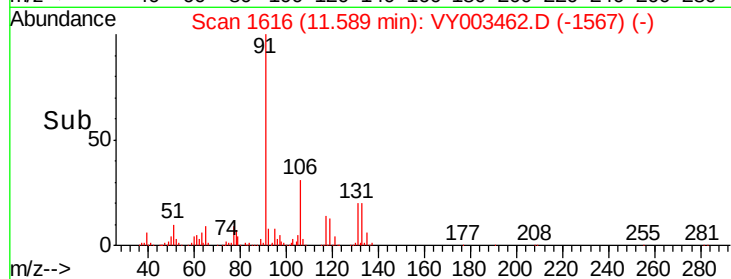
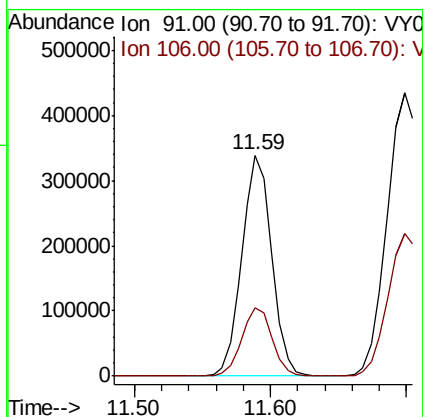
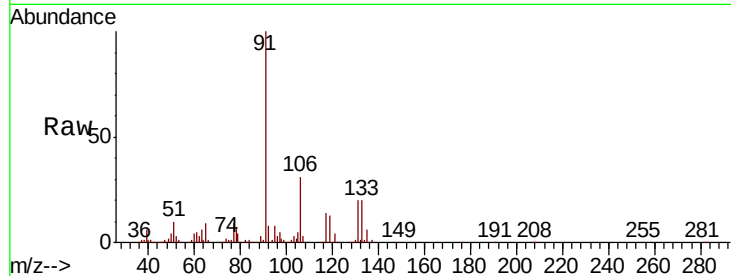




#67
Ethyl Benzene
Concen: 19.306 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

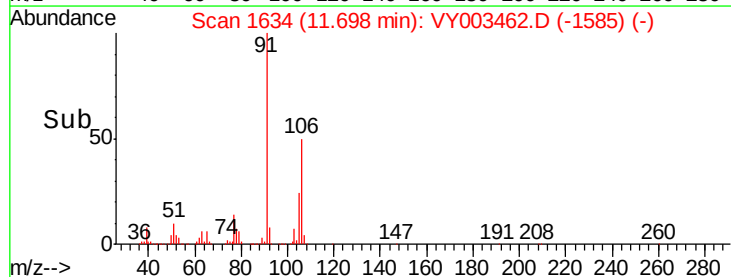
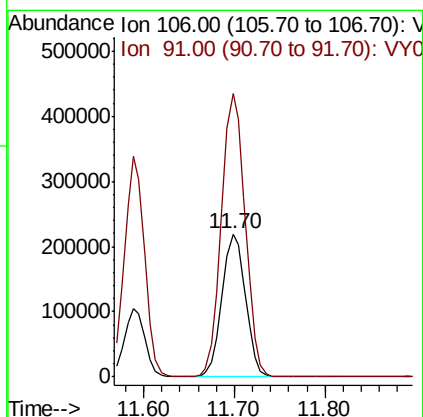
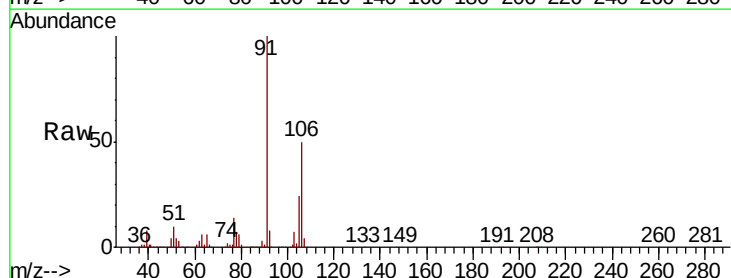
Instrument :
MSVOA_Y
ClientSampled :

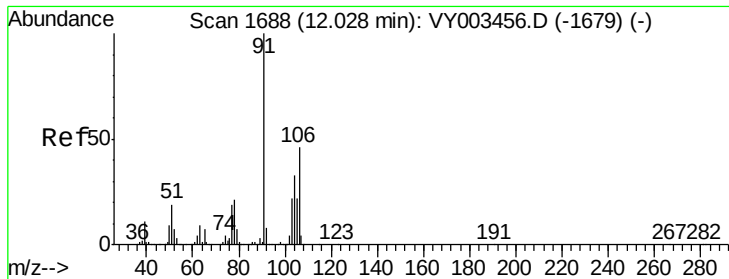
Tot Ion: 91 Resp: 519565
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 38.711 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion: 106 Resp: 397388
Ion Ratio Lower Upper
106 100
91 199.8 160.9 241.3

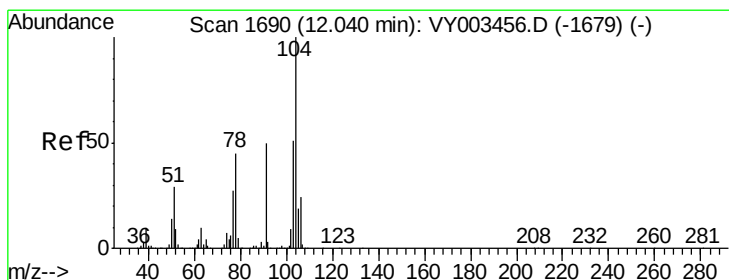
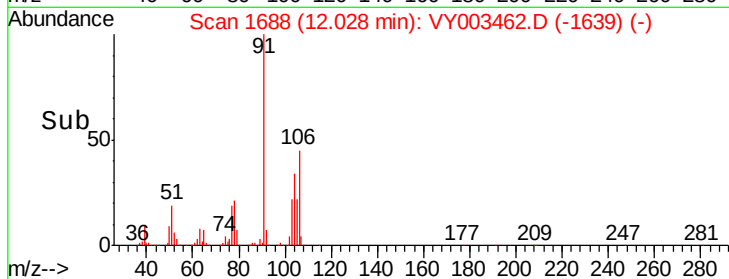
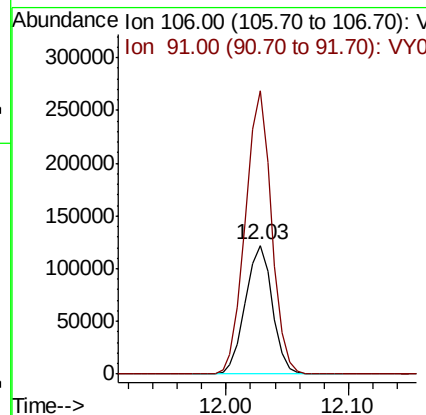
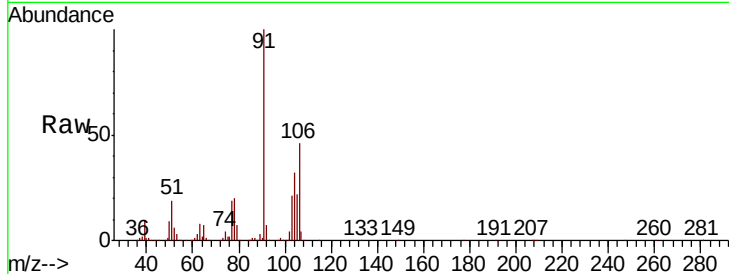




#69
o-Xylene
Concen: 19.308 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

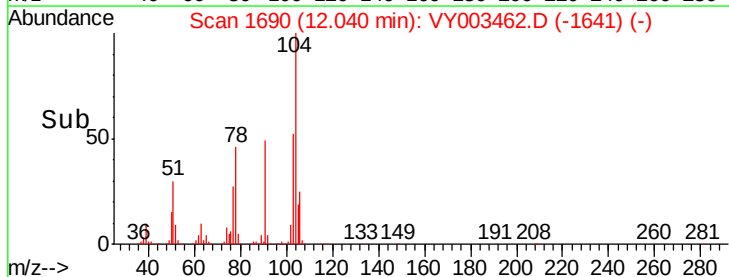
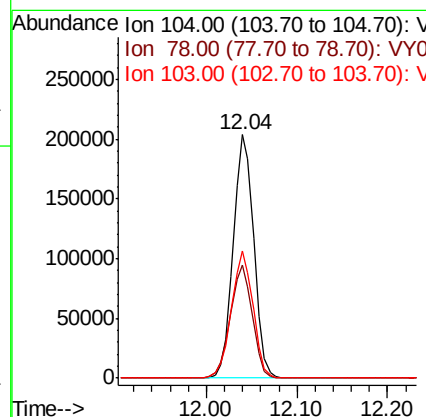
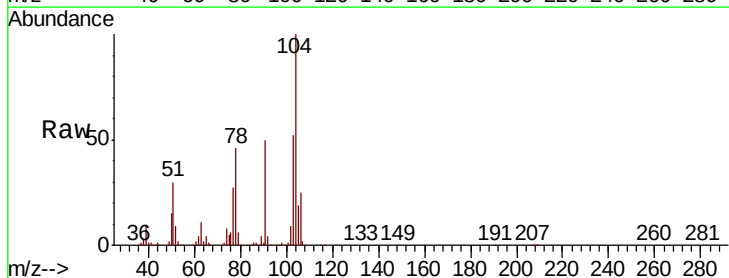
Instrument :
MSVOA_Y
ClientSampled :

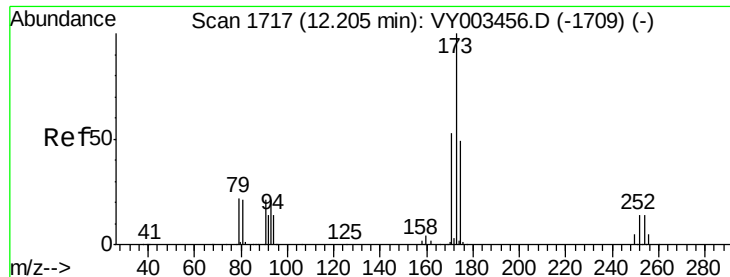
Tot Ion:106 Resp: 186121
Ion Ratio Lower Upper
106 100
91 214.1 106.8 320.4



#70
Styrene
Concen: 19.463 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion:104 Resp: 319814
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.6
103 55.1 44.2 66.4

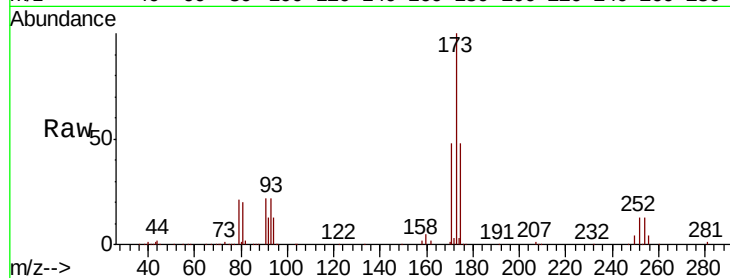




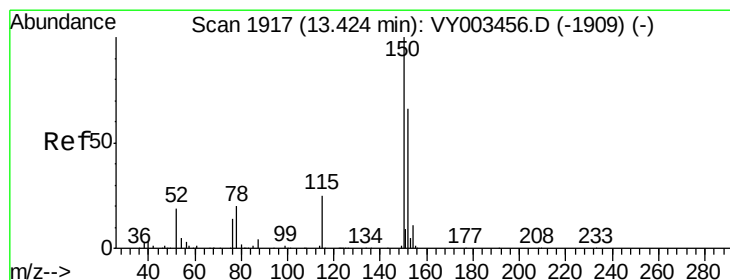
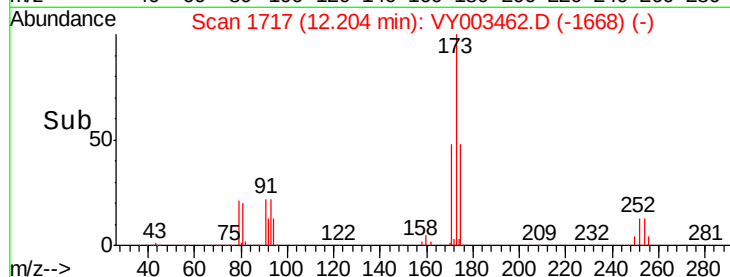
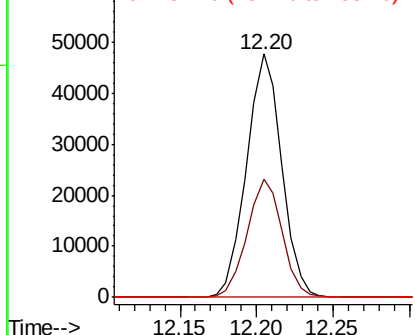
#71
Bromoform
Concen: 19.948 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 76122
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.7
254 0.1 0.2 0.4#

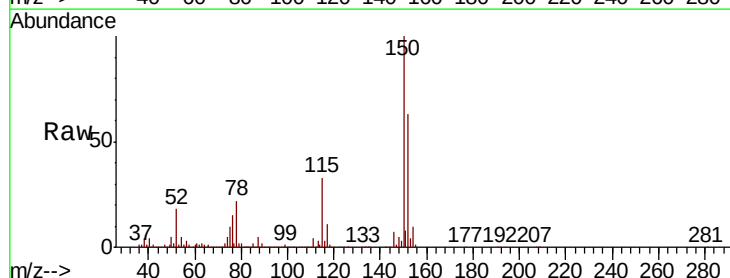


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

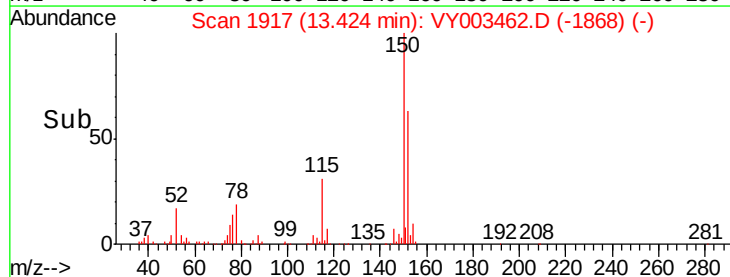
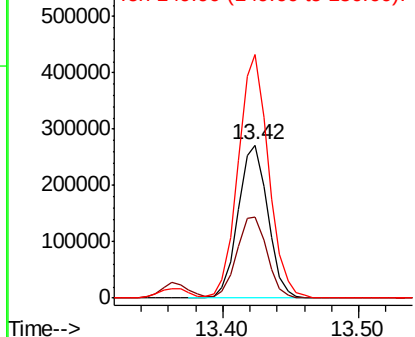


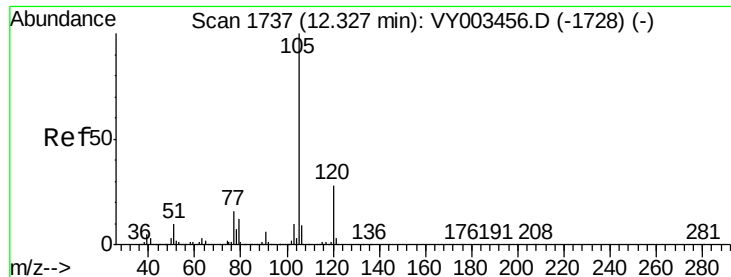
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion:152 Resp: 412778
Ion Ratio Lower Upper
152 100
115 54.4 27.0 80.8
150 163.1 0.0 343.6



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: 19.768 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

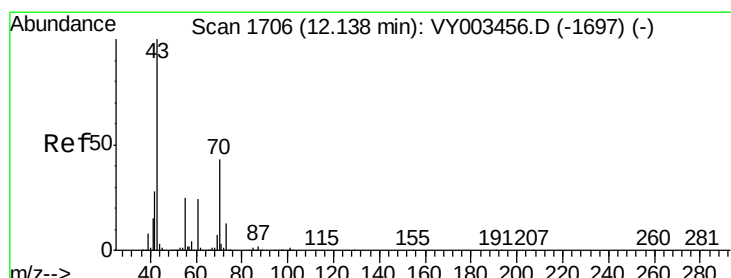
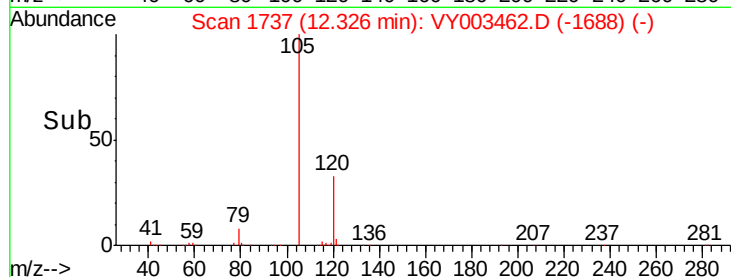
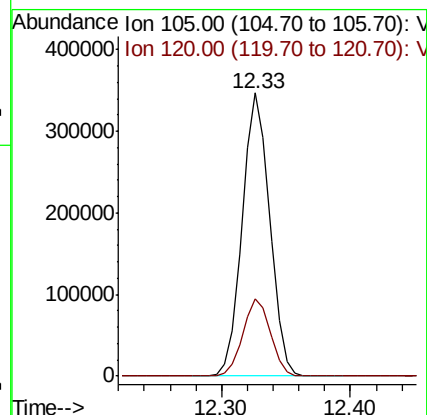
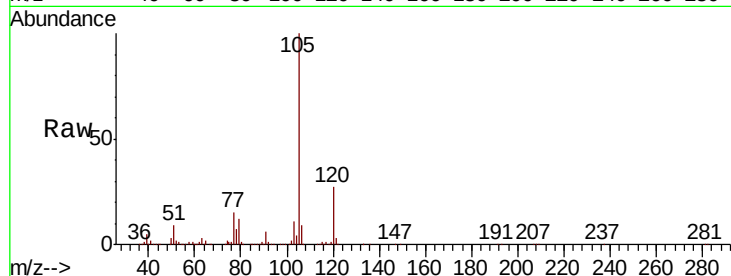
ClientSampleId :

Tot Ion:105 Resp: 510830

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.0



#74

N-ethyl acetate

Concen: 20.762 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Tgt Ion: 43 Resp: 154506

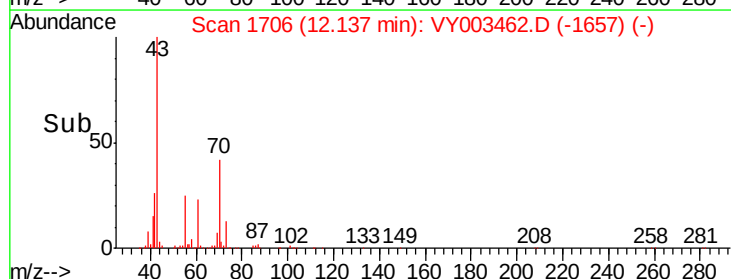
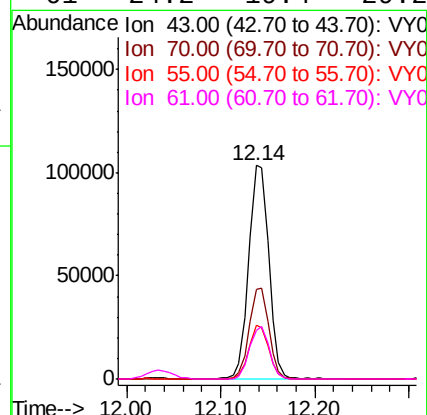
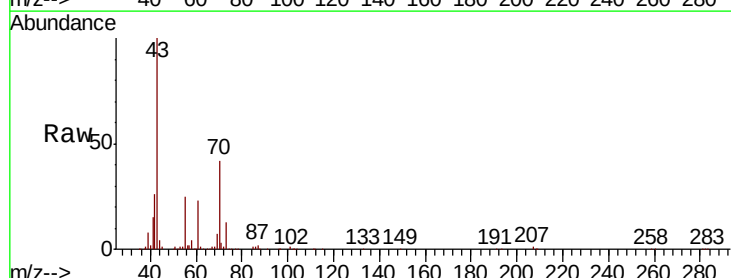
Ion Ratio Lower Upper

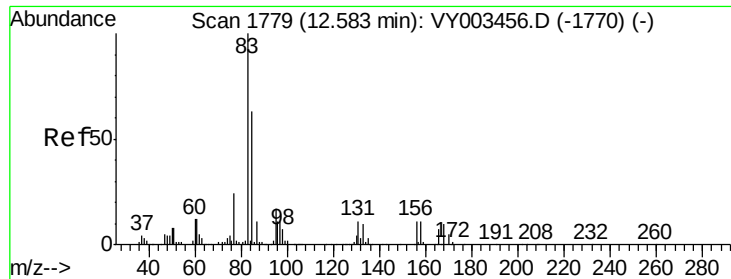
43 100

70 41.8 34.0 51.0

55 24.7 19.5 29.3

61 24.2 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.599 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

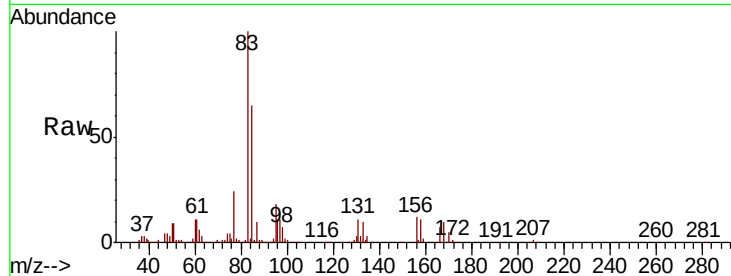
Tot Ion: 83 Resp: 102704

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

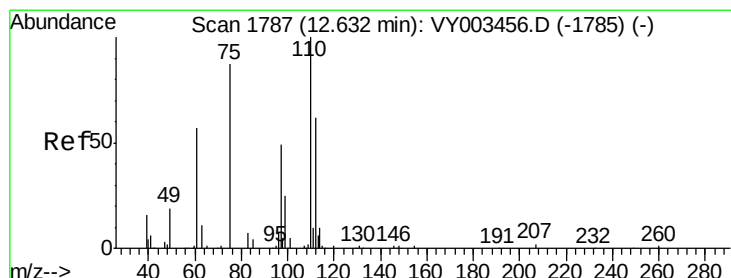
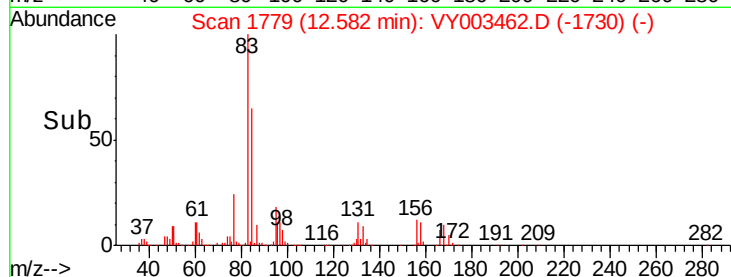
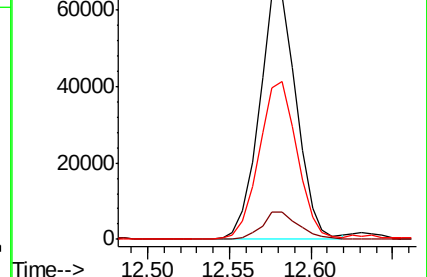
85 65.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY003462.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY003462.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY003462.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 40.607 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003462.D

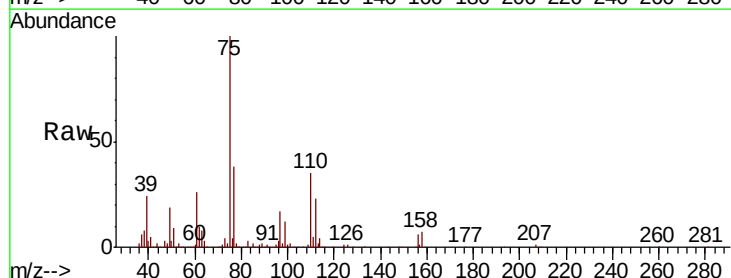
Acq: 05 Oct 2020 19:34

Tgt Ion: 75 Resp: 144938

Ion Ratio Lower Upper

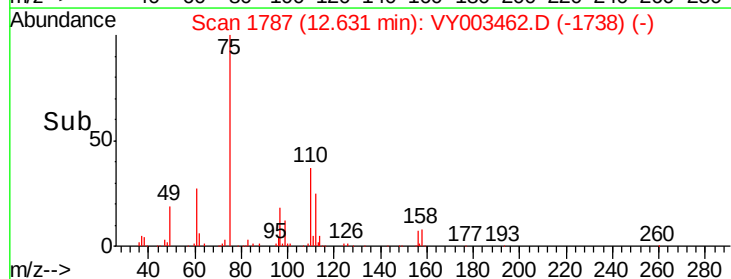
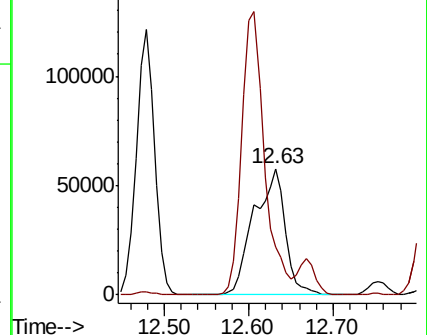
75 100

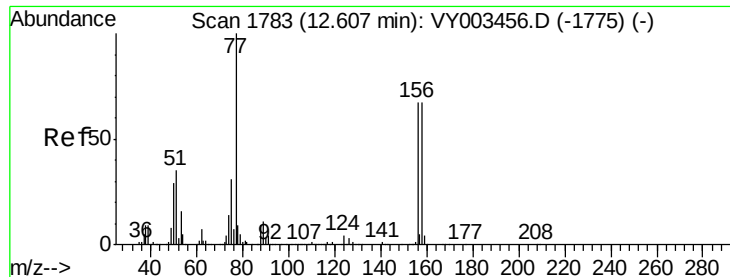
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003462.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003462.D (-1785) (-)





#77

Bromobenzene

Concen: 19.989 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

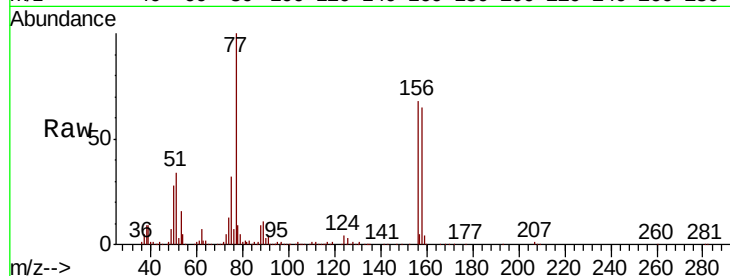
Tot Ion:156 Resp: 137411

Ion Ratio Lower Upper

156 100

77 171.9 84.5 253.4

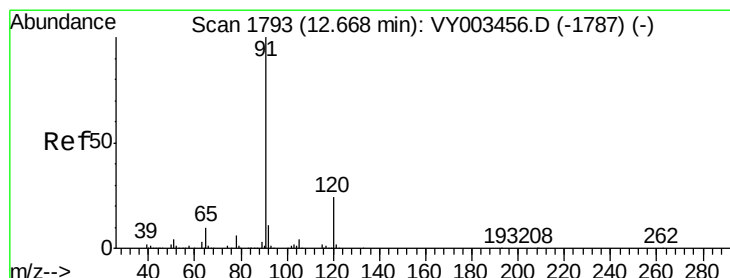
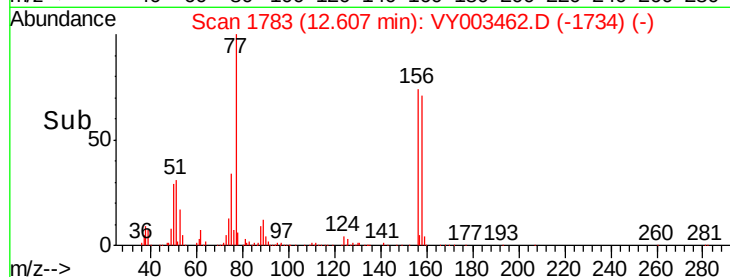
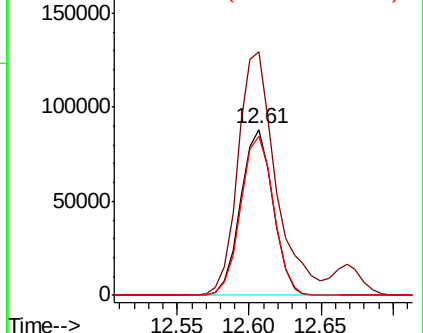
158 97.3 49.4 148.2



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: 19.748 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003462.D

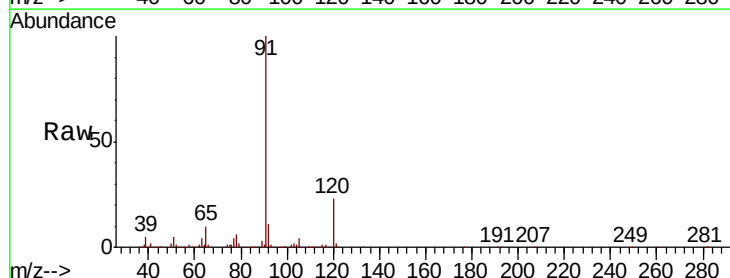
Acq: 05 Oct 2020 19:34

Tgt Ion: 91 Resp: 606644

Ion Ratio Lower Upper

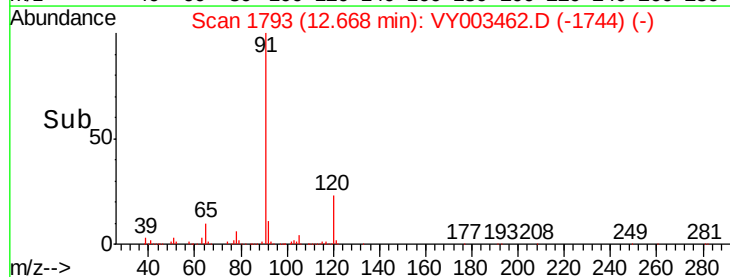
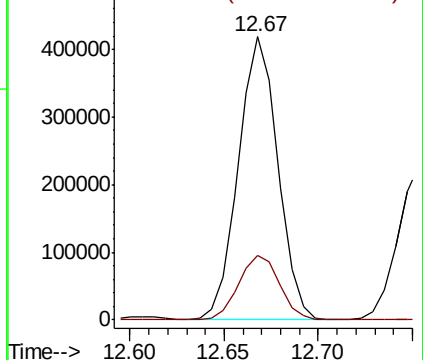
91 100

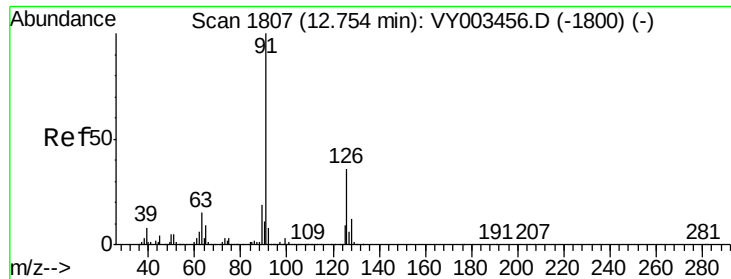
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.019 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

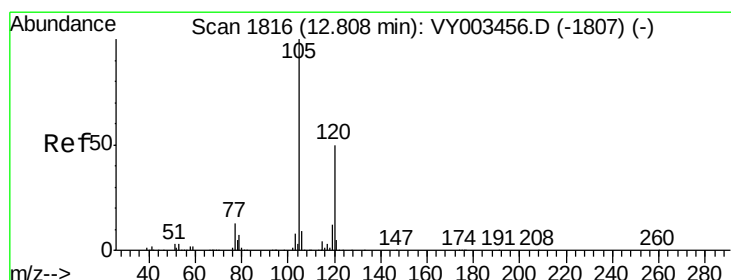
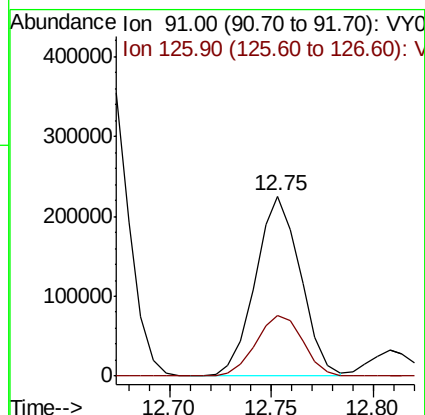
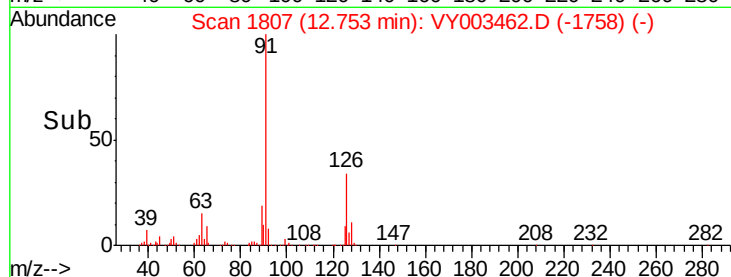
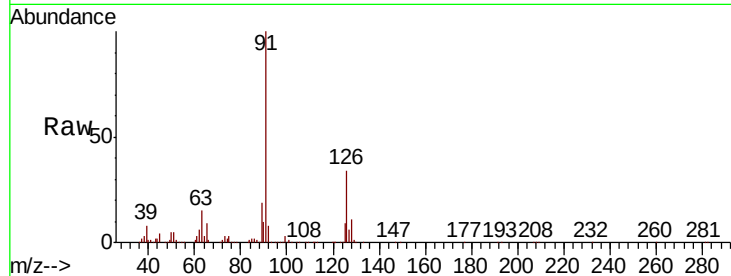
ClientSampleId :

Tot Ion: 91 Resp: 345910

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 19.909 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003462.D

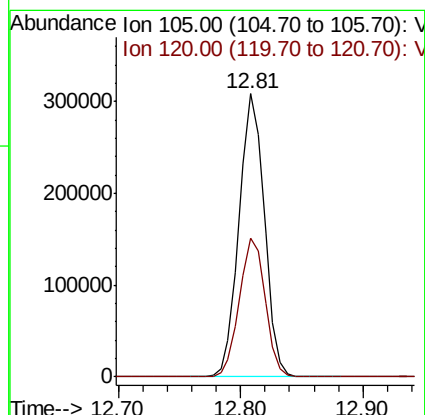
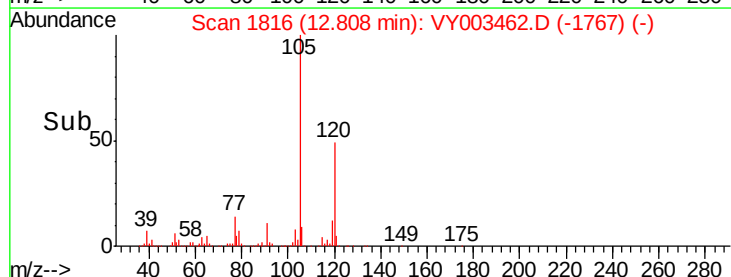
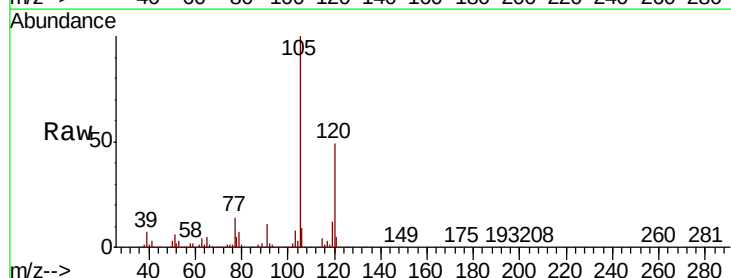
Acq: 05 Oct 2020 19:34

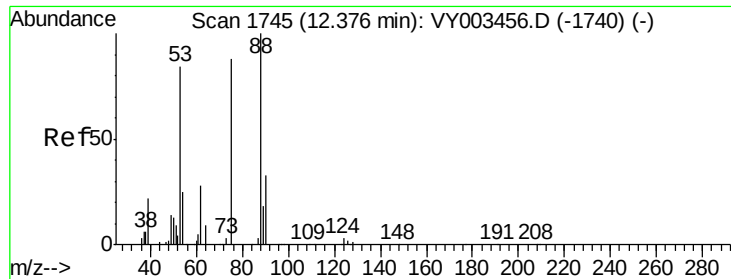
Tgt Ion: 105 Resp: 441357

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.540 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

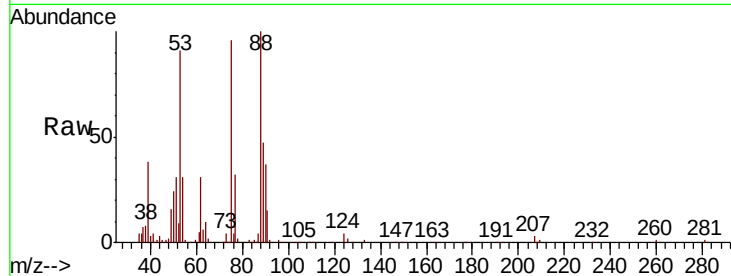
Tot Ion: 75 Resp: 36626

Ion Ratio Lower Upper

75 100

53 96.2 74.2 111.2

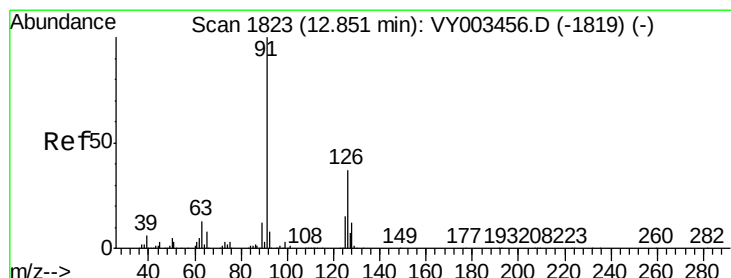
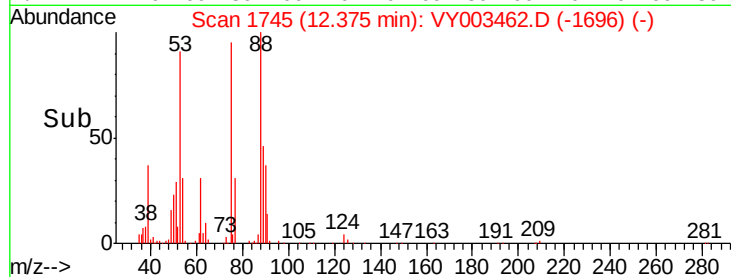
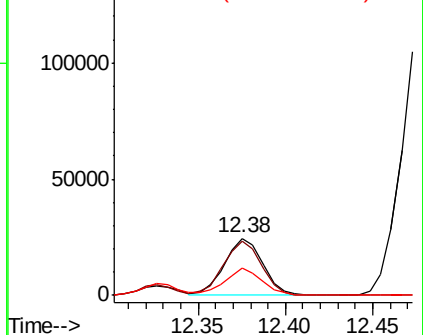
89 47.3 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.010 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003462.D

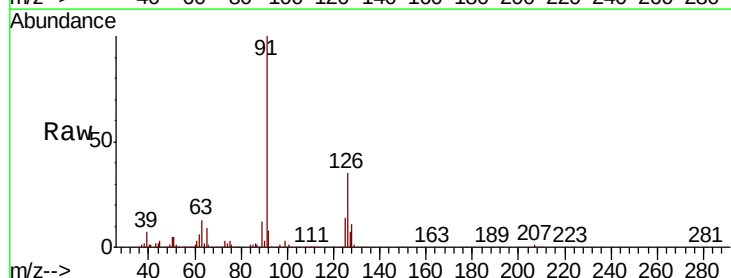
Acq: 05 Oct 2020 19:34

Tgt Ion: 91 Resp: 366588

Ion Ratio Lower Upper

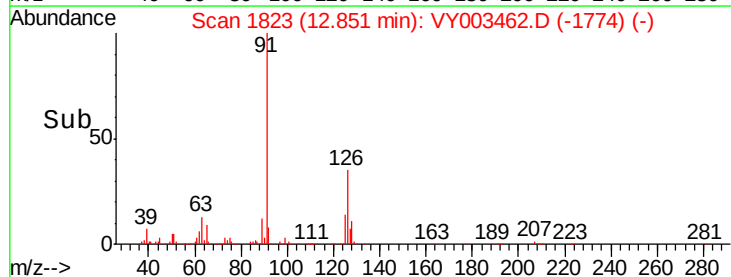
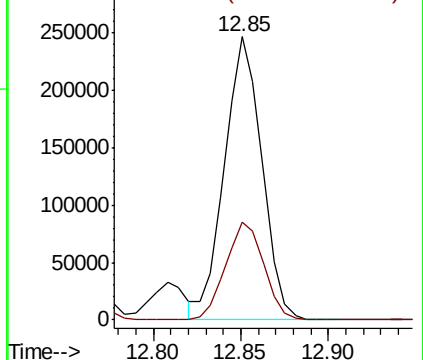
91 100

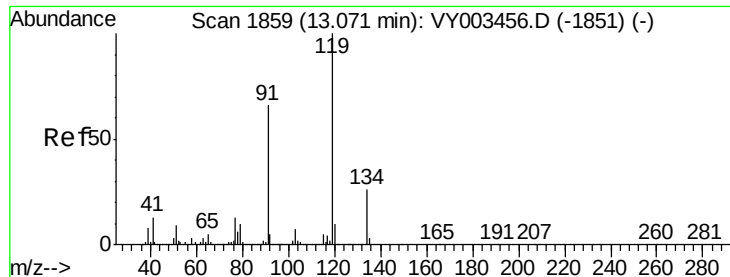
126 35.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

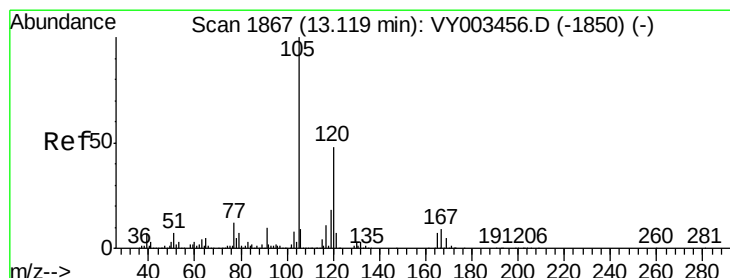
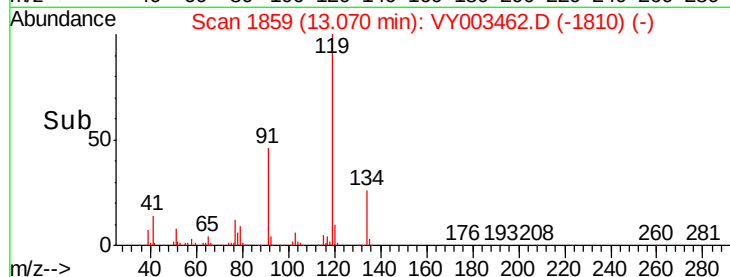
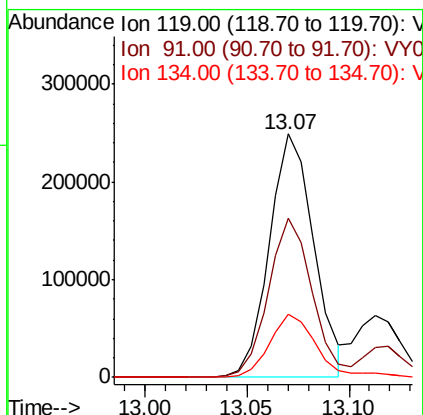
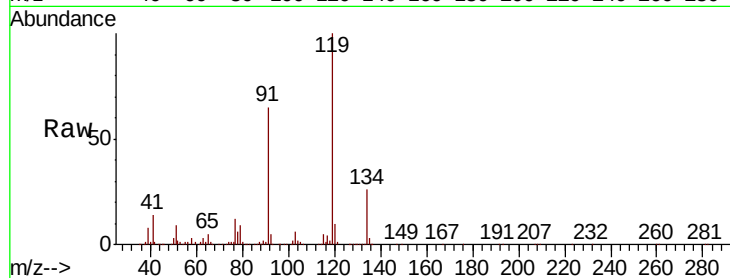




#83
tert-Butylbenzene
Concen: 19.722 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

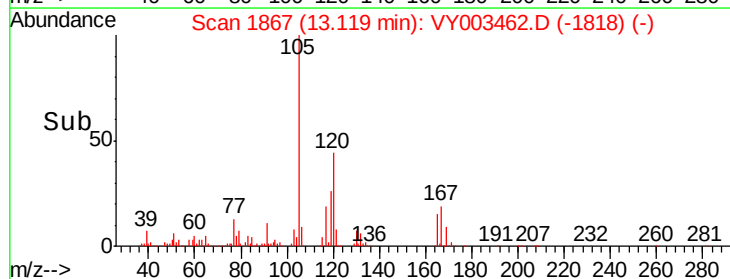
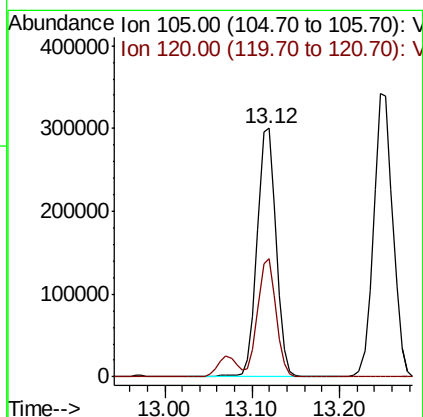
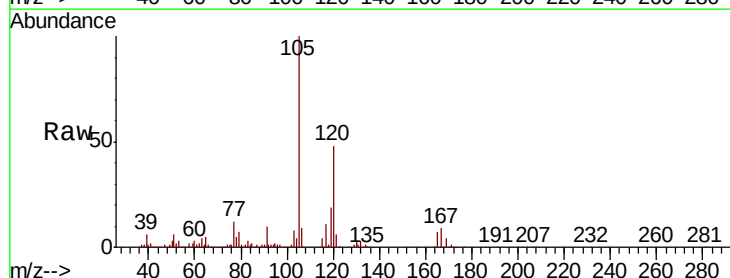
Instrument :
MSVOA_Y
ClientSampleId :

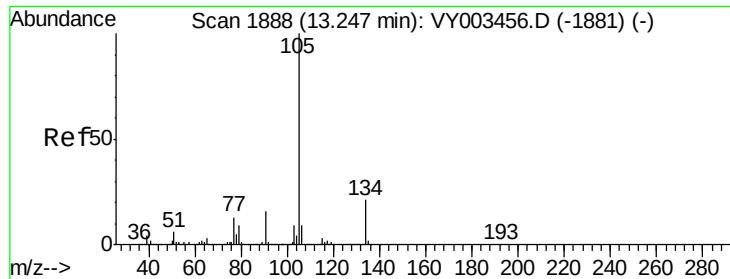
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.5	97.4
134	27.4	13.6	40.8



#84
1,2,4-Trimethylbenzene
Concen: 20.133 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003462.D
Acq: 05 Oct 2020 19:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.5	70.5





#85

sec-Butylbenzene

Concen: 19.702 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

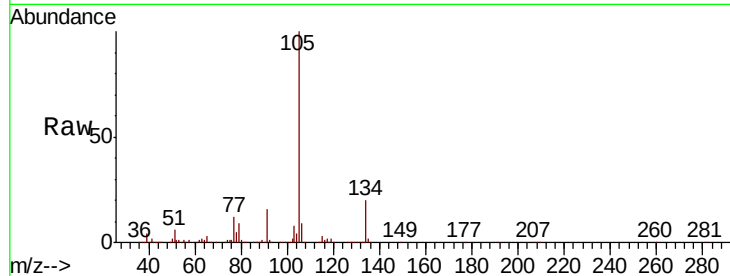
ClientSampleId :

Tot Ion:105 Resp: 523737

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

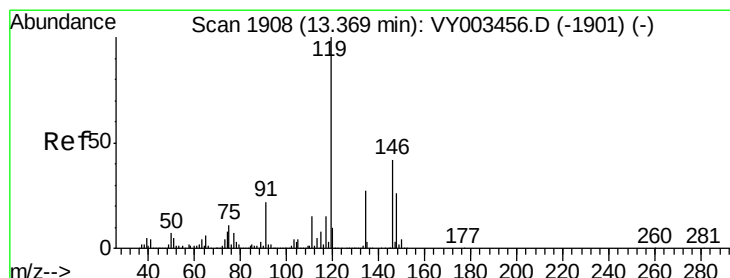
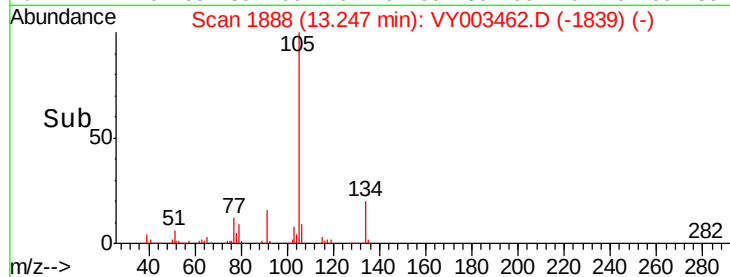
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.557 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

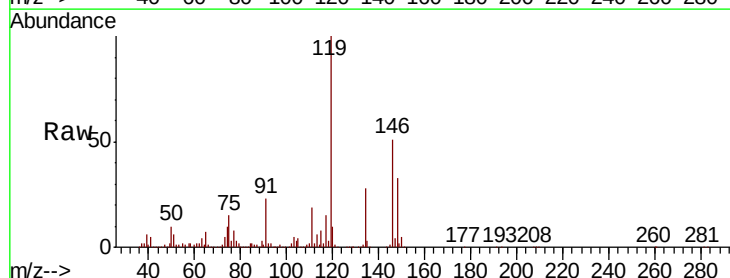
Tgt Ion:119 Resp: 495359

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.9 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

13.36

400000

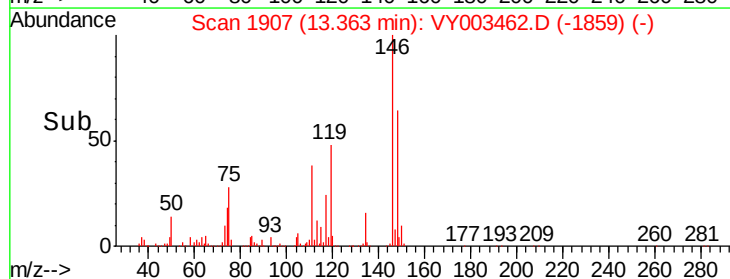
300000

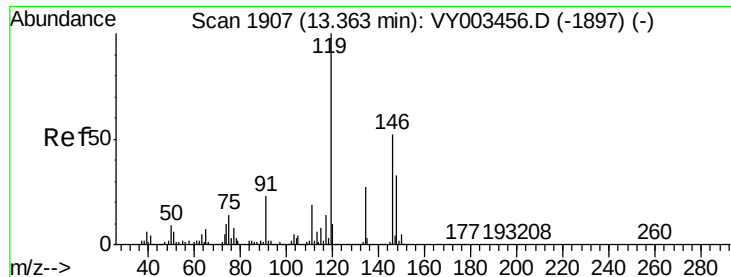
200000

100000

0

Time-->

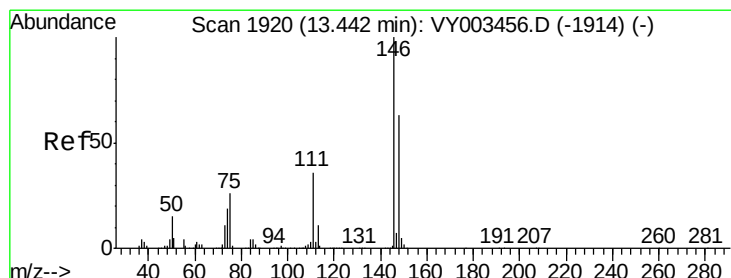
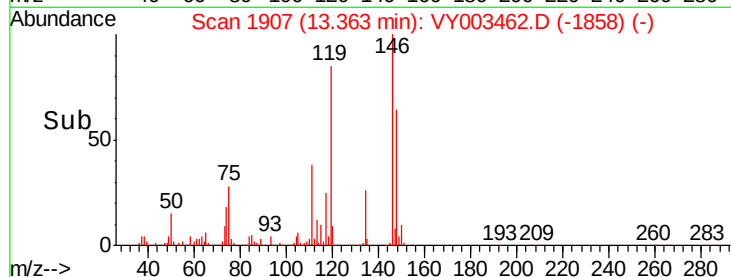
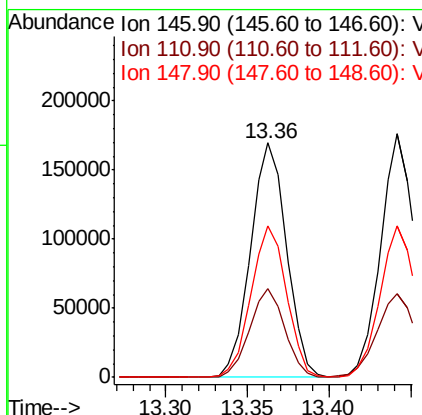
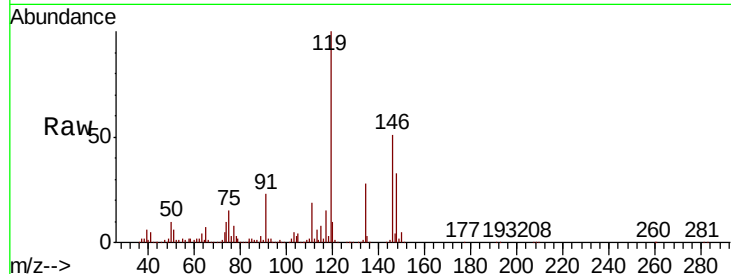




#87
 1,3-Dichlorobenzene
 Concen: 19.794 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

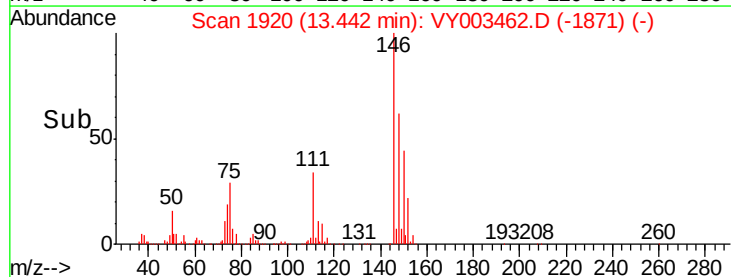
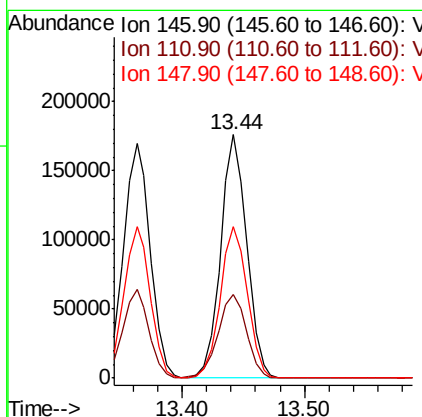
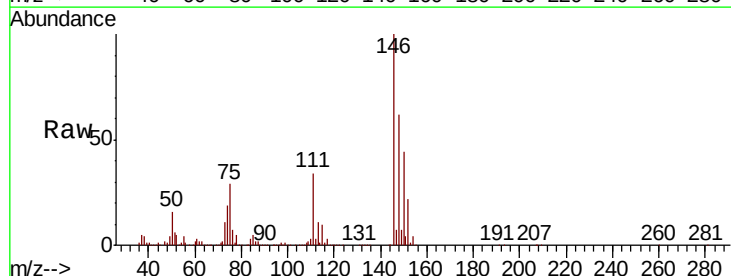
Instrument :
 MSVOA_Y
 ClientSampleId :

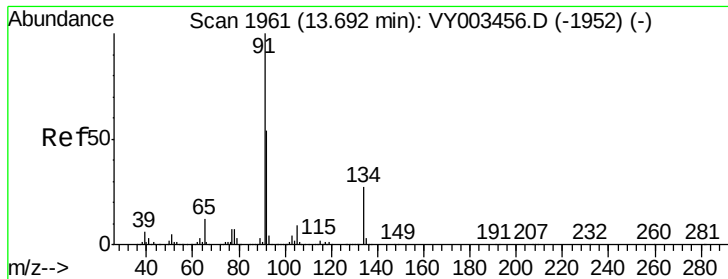
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.853 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.0
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 19.751 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

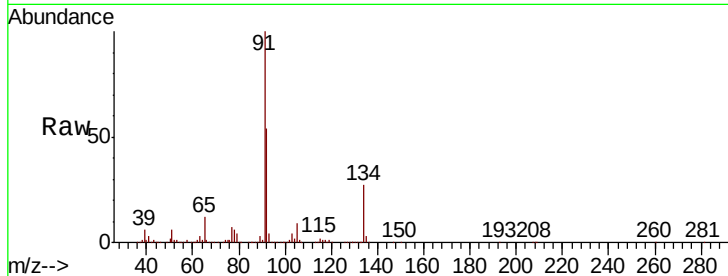
Tot Ion: 91 Resp: 455791

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

134 27.5 14.1 42.4

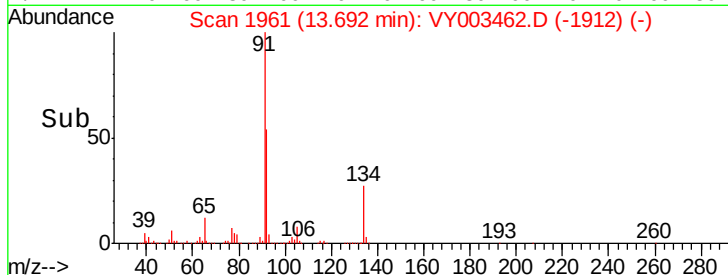


Abundance Ion 91.00 (90.70 to 91.70): VY003456.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VY003456.D (-1952) (-)

Ion 134.00 (133.70 to 134.70): VY003456.D (-1952) (-)

Time-->

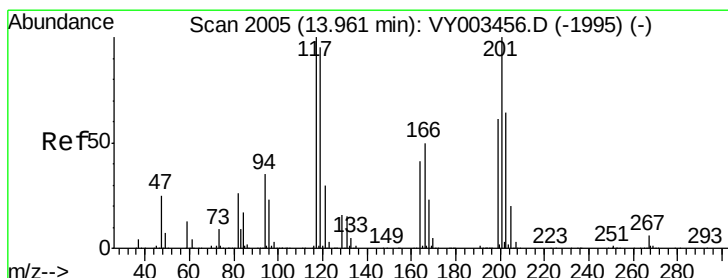


Abundance Ion 91.00 (90.70 to 91.70): VY003462.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY003462.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY003462.D (-1912) (-)

Time-->



#90

Hexachloroethane

Concen: 19.677 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. -0.01 min

Lab File: VY003462.D

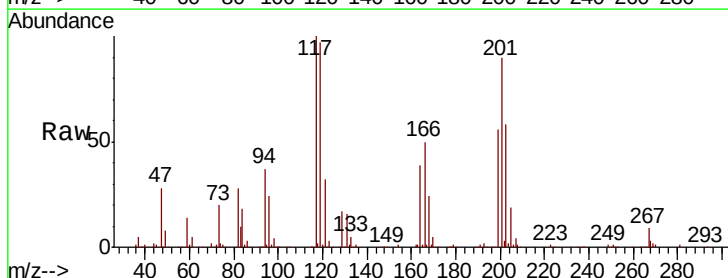
Acq: 05 Oct 2020 19:34

Tgt Ion: 117 Resp: 78028

Ion Ratio Lower Upper

117 100

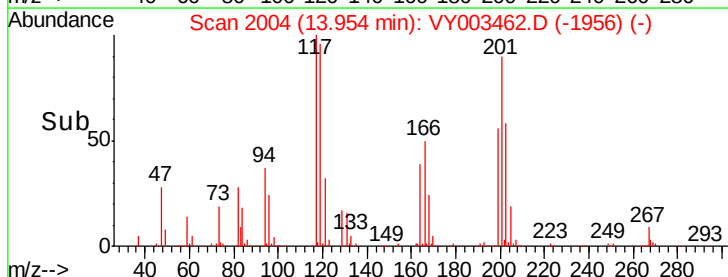
201 94.9 48.3 144.8



Abundance Ion 116.80 (116.50 to 117.50): VY003456.D (-1995) (-)

Ion 200.70 (200.40 to 201.40): VY003456.D (-1995) (-)

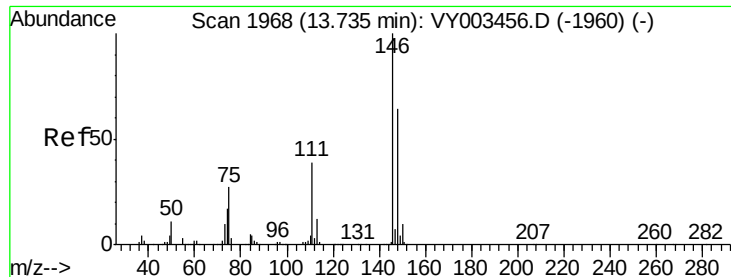
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VY003462.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY003462.D (-1956) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 20.159 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

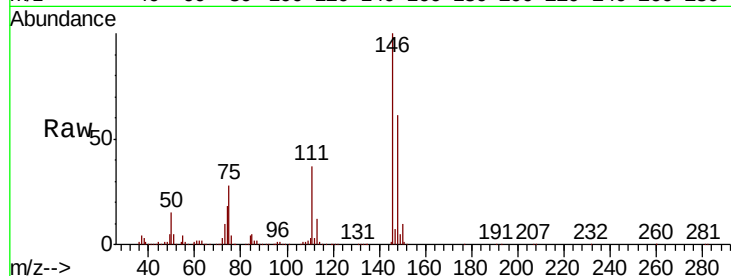
Tot Ion:146 Resp: 236405

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 64.4 32.1 96.3

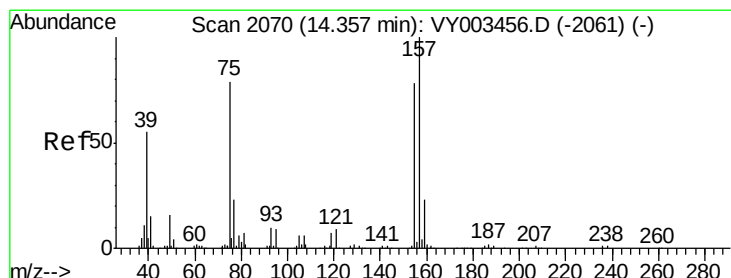
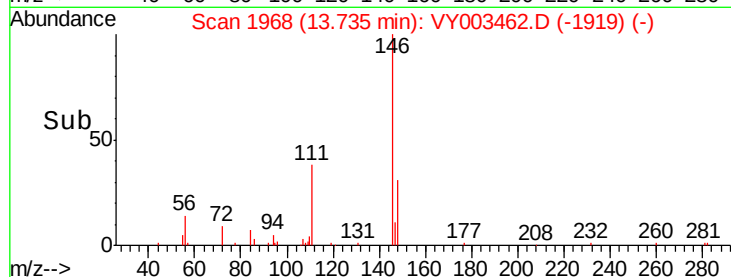
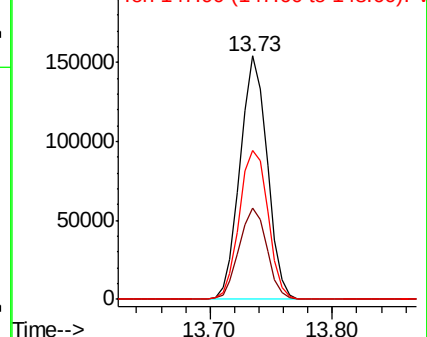


Abundance

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: 20.815 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

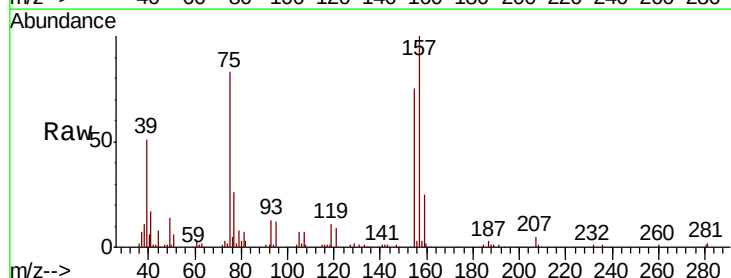
Tgt Ion: 75 Resp: 19668

Ion Ratio Lower Upper

75 100

155 88.5 47.8 143.3

157 117.6 60.8 182.4

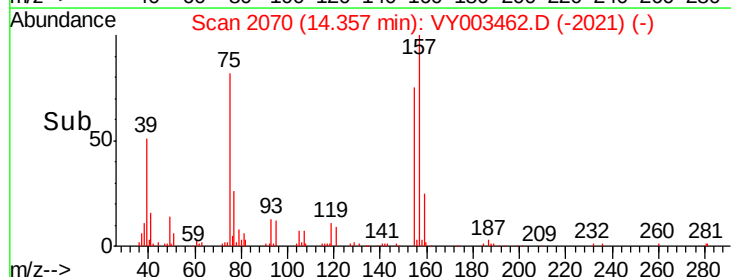
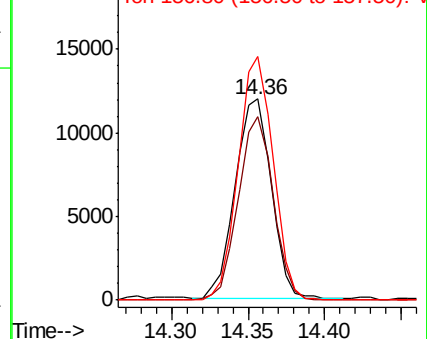


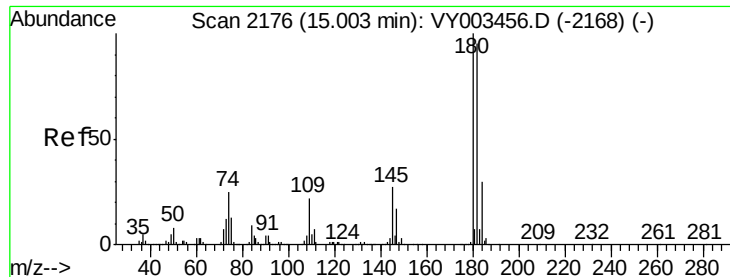
Abundance

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

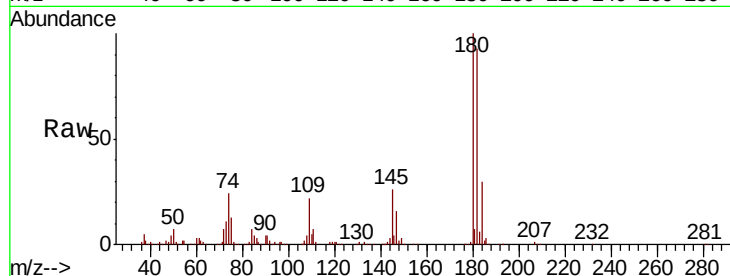




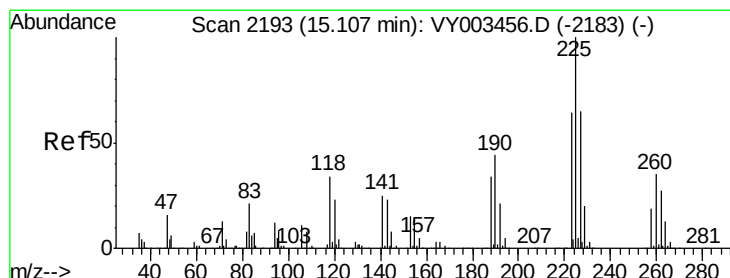
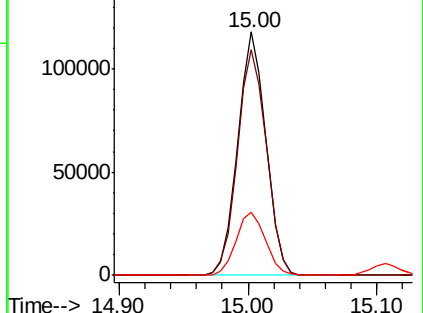
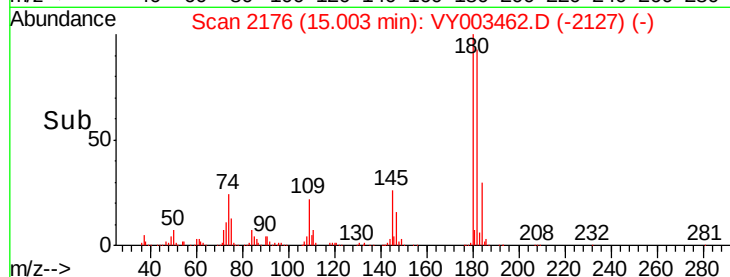
#93
 1,2,4-Trichlorobenzene
 Concen: 20.481 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 178247
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.0
 145 27.1 13.5 40.5

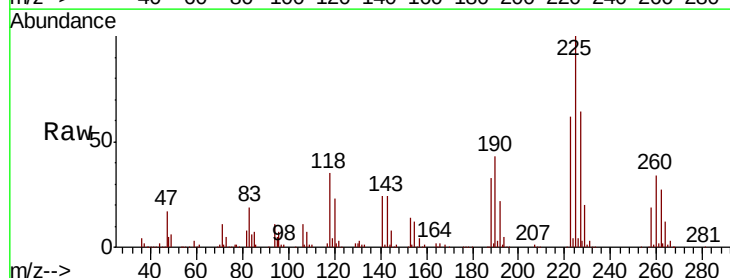


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

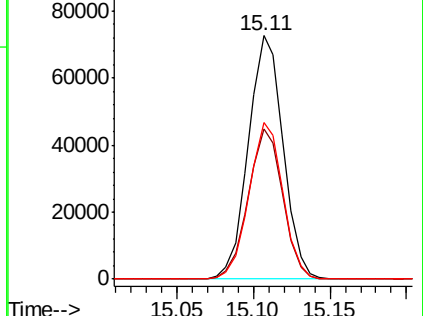
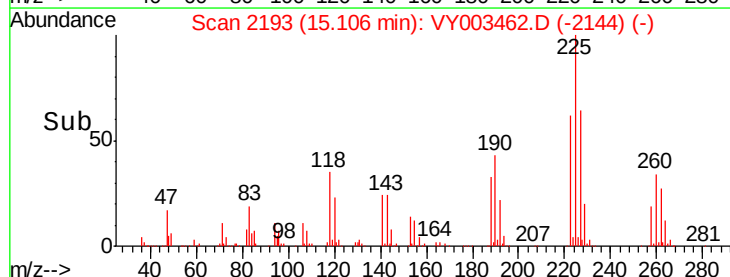


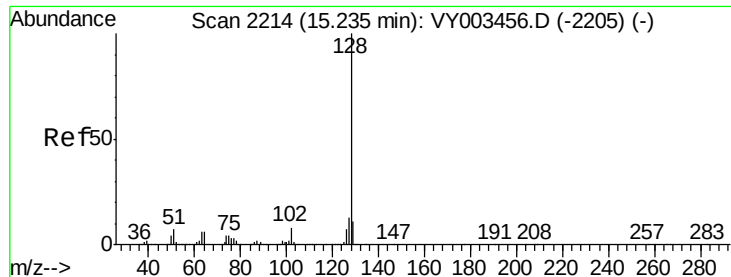
#94
 Hexachlorobutadiene
 Concen: 20.148 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003462.D
 Acq: 05 Oct 2020 19:34

Tgt Ion:225 Resp: 114869
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.4 94.0
 227 62.4 32.5 97.4



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





#95

Naphthalene

Concen: 21.109 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

Instrument :

MSVOA_Y

ClientSampled :

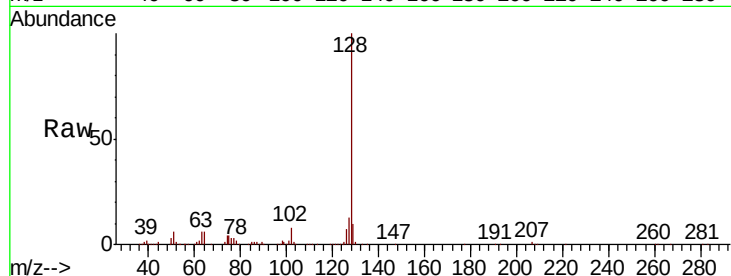
Tot Ion:128 Resp: 322793

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

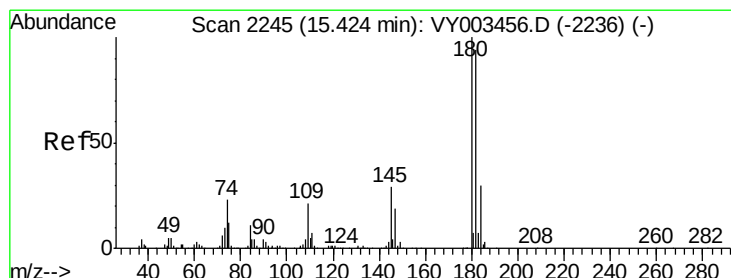
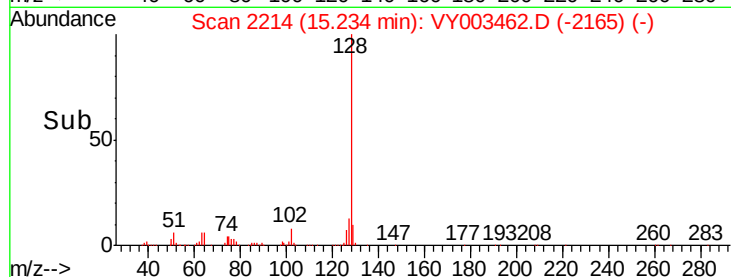
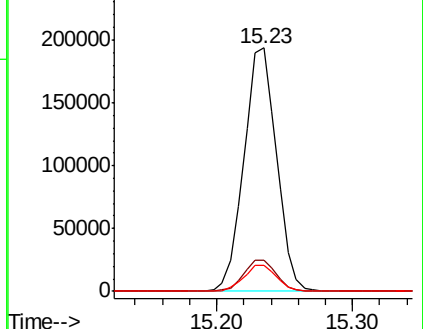
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.620 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003462.D

Acq: 05 Oct 2020 19:34

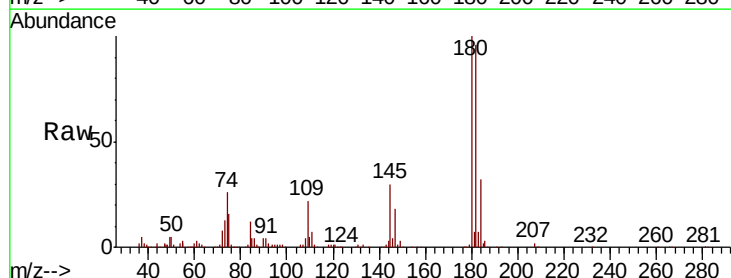
Tgt Ion:180 Resp: 155467

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 29.2 14.4 43.4



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

