

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005571.D
 Acq On : 06 Aug 2021 15:26
 Operator : SY/MD
 Sample : M3293-07RE
 Misc : 5.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 07 06:19:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

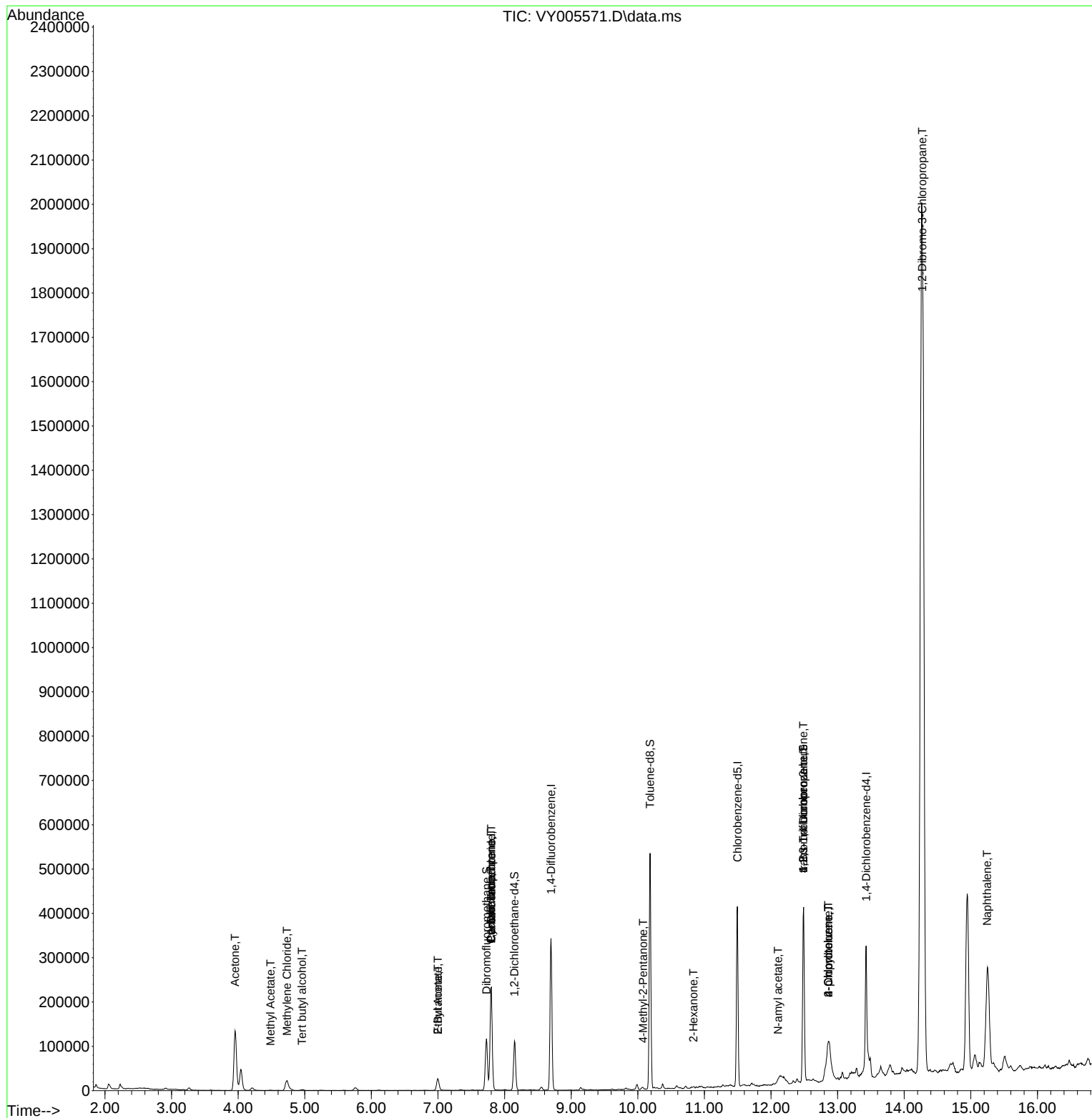
Internal Standards						
1) Pentafluorobenzene	7.801	168	190752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90066	46.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.280%		
35) Dibromofluoromethane	7.728	113	78585	48.521	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.040%		
50) Toluene-d8	10.185	98	343909	50.631	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.483	95	81083	36.048	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	72.100%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	1798	9.419	ug/l	98
16) Acetone	3.954	43	235527	483.804	ug/l	97
18) Methyl Acetate	4.485	43	1275	1.001	ug/l #	65
20) Methylene Chloride	4.735	84	16746	2.974	ug/l	88
25) 2-Butanone	6.996	43	44963	62.481	ug/l	97
31) Cyclohexane	7.795	56	4401	1.329	ug/l #	15
36) 1,1-Dichloropropene	7.795	75	13418	4.945	ug/l #	49
37) Ethyl Acetate	6.996	43	44963	27.355	ug/l #	69
38) Carbon Tetrachloride	7.801	117	16922	5.738	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	2724	1.662	ug/l	92
59) 2-Hexanone	10.837	43	2552	2.203	ug/l	80
74) N-amyl acetate	12.105	43	1709	1.197	ug/l #	50
76) 1,2,3-Trichloropropane	12.483	75	44074	62.599	ug/l #	100
78) n-propylbenzene	12.861	91	16940	3.007	ug/l #	51
79) 2-Chlorotoluene	12.861	91	19093	6.037	ug/l #	50
81) trans-1,4-Dichloro-2-b...	12.483	75	44074	126.192	ug/l #	11
82) 4-Chlorotoluene	12.861	91	19093	5.834	ug/l #	50
92) 1,2-Dibromo-3-Chloropr...	14.270	75	35279	204.023	ug/l #	12
95) Naphthalene	15.245	128	7731	2.843	ug/l #	40

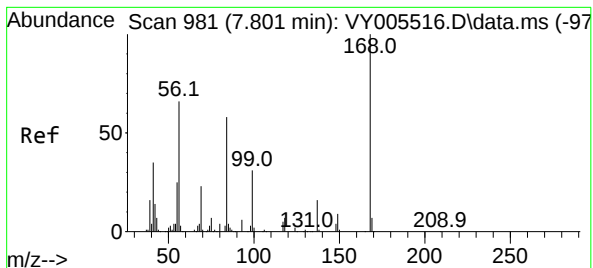
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005571.D

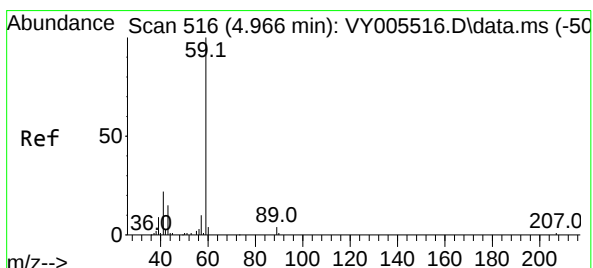
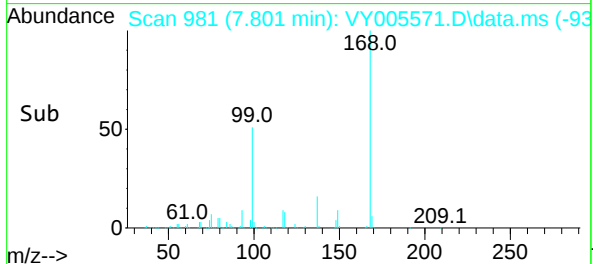
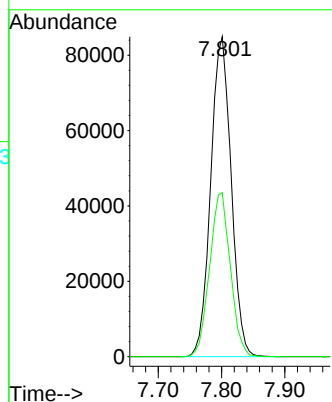
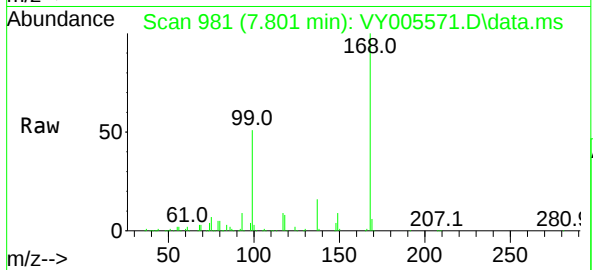
Acq: 06 Aug 2021 15:26

Tgt Ion:168 Resp: 190752

Ion Ratio Lower Upper

168 100

99 51.2 38.9 58.3



#11

Tert butyl alcohol

Concen: 9.419 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY005571.D

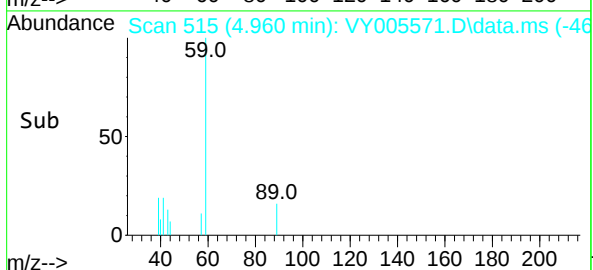
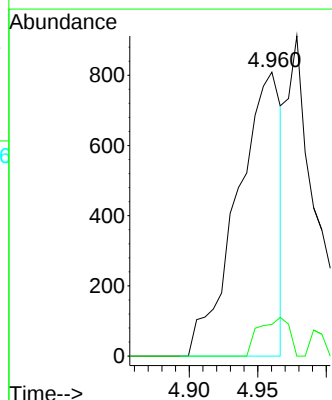
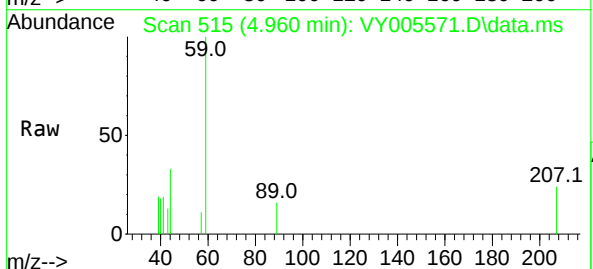
Acq: 06 Aug 2021 15:26

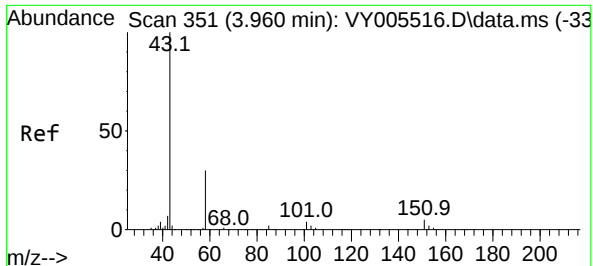
Tgt Ion: 59 Resp: 1798

Ion Ratio Lower Upper

59 100

57 9.3 8.0 12.0

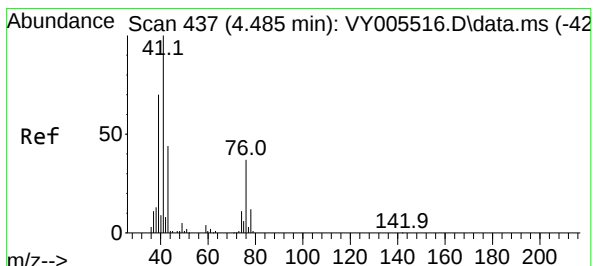
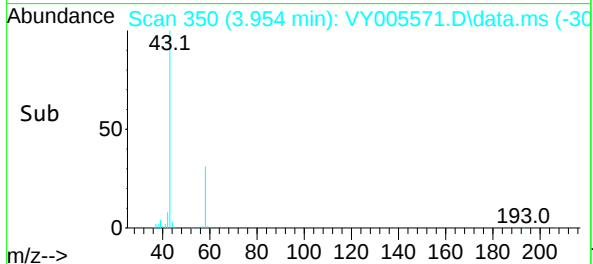
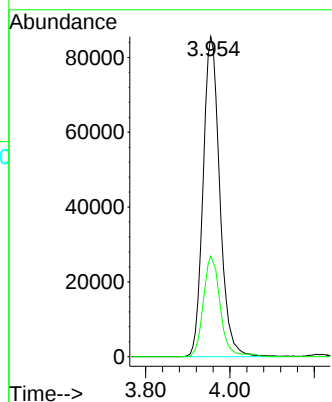
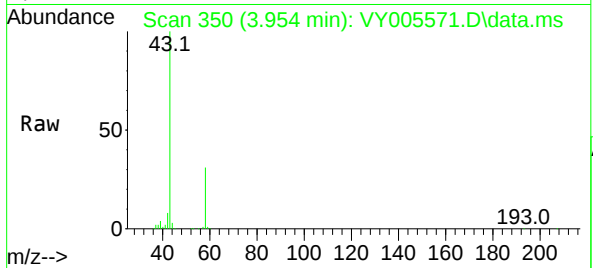




#16
Acetone
Concen: 483.804 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

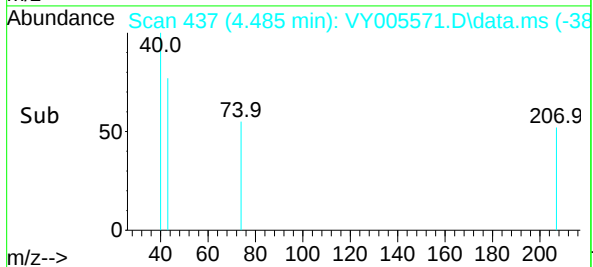
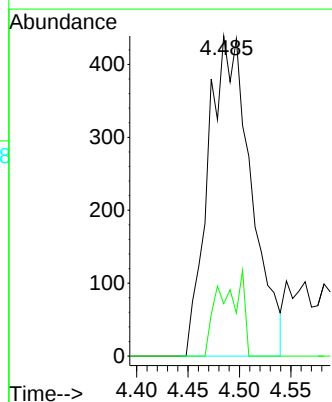
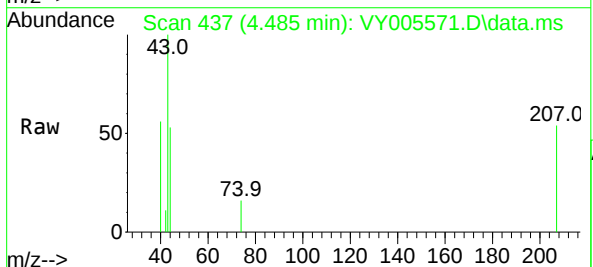
Instrument :
MSVOA_Y
ClientSampleId :

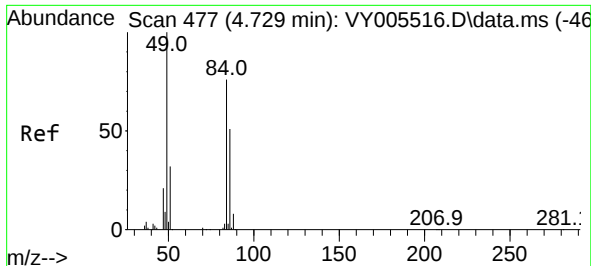
Tgt Ion: 43 Resp: 235527
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6



#18
Methyl Acetate
Concen: 1.001 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

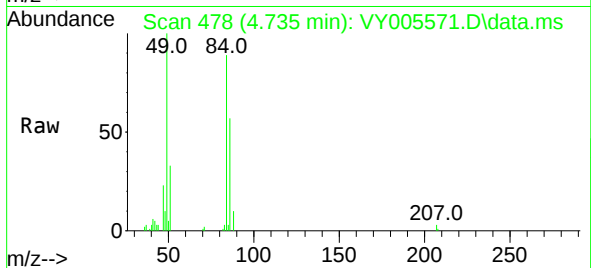
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
74 6.4 19.0 28.6#



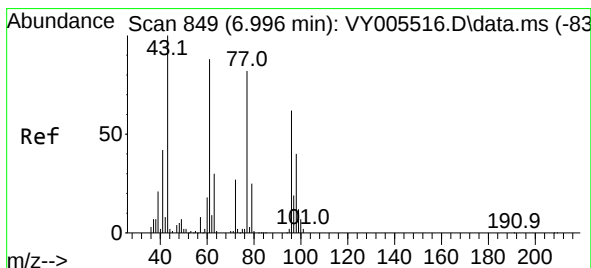
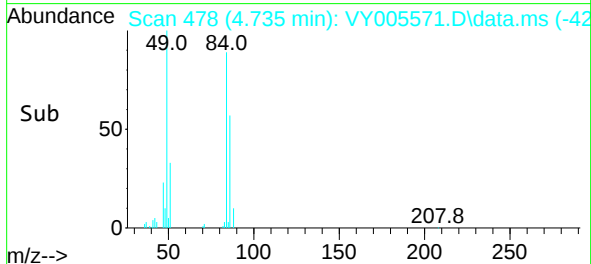
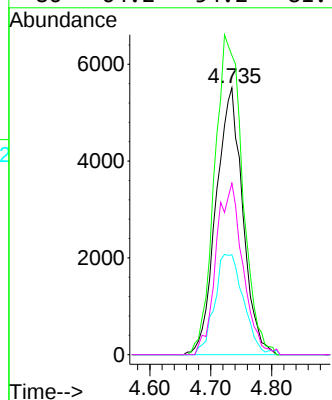


#20
Methylene Chloride
Concen: 2.974 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Instrument :
MSVOA_Y
ClientSampled :

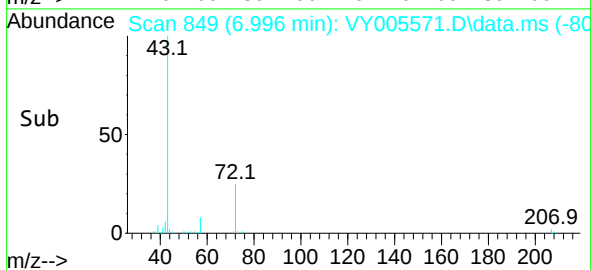
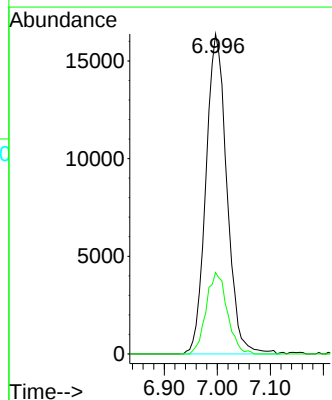
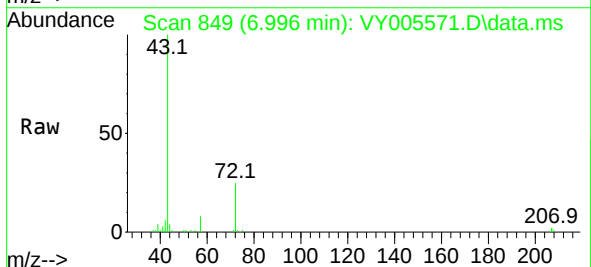


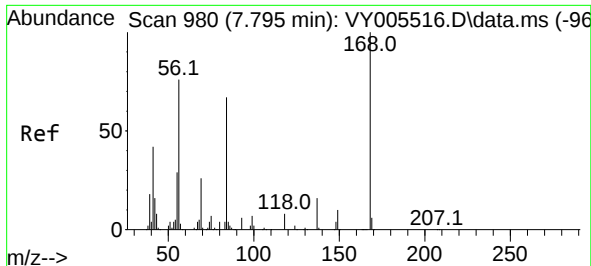
Tgt Ion:	84	Resp:	16746
Ion	Ratio	Lower	Upper
84	100		
49	112.2	105.8	158.6
51	37.4	33.4	50.2
86	64.2	54.2	81.4



#25
2-Butanone
Concen: 62.481 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion:	43	Resp:	44963
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.2

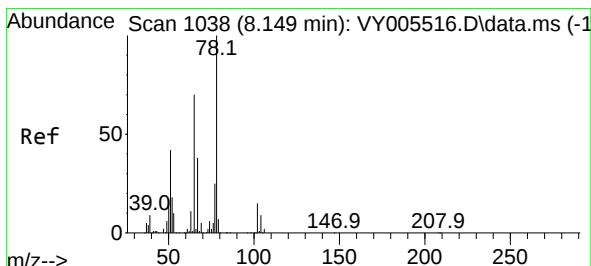
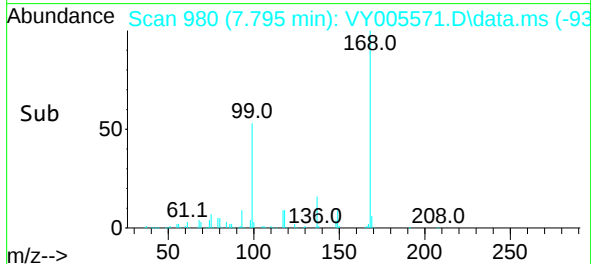
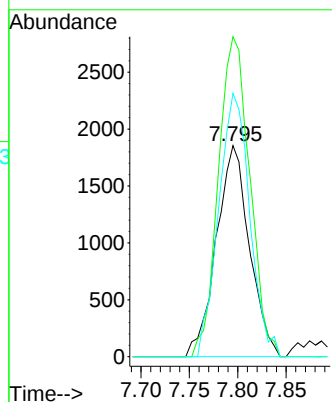
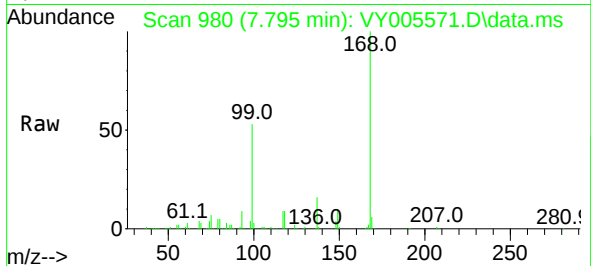




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

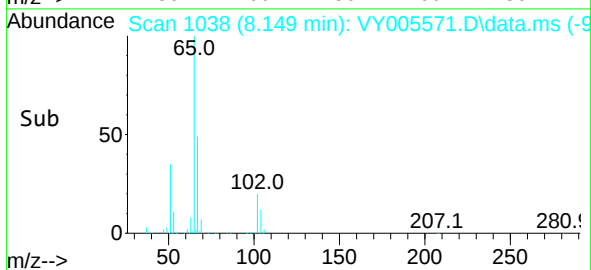
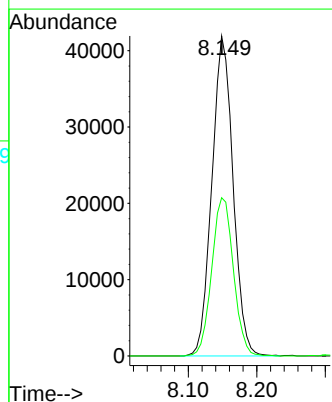
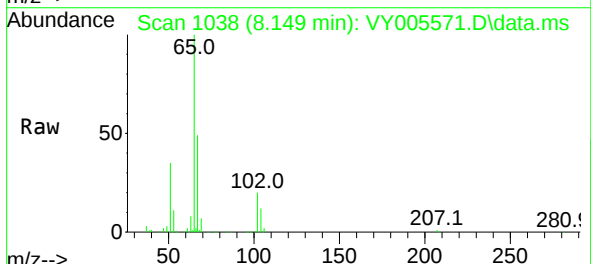
Instrument :
MSVOA_Y
ClientSampleId :

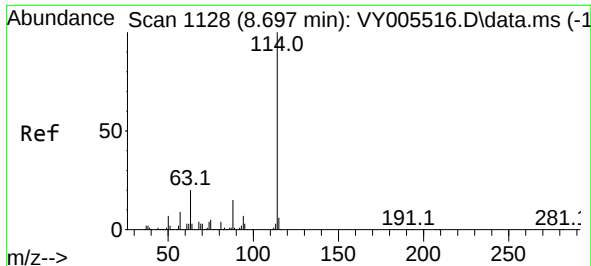
Tgt Ion: 56 Resp: 4401
Ion Ratio Lower Upper
56 100
69 151.7 27.7 41.5#
84 124.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 46.645 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 65 Resp: 90066
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

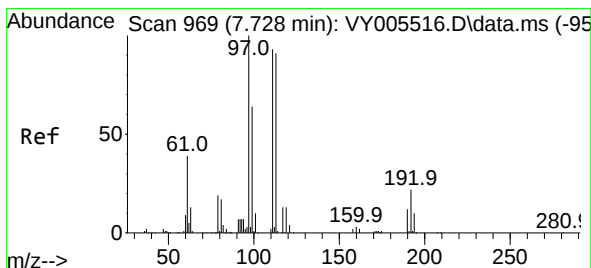
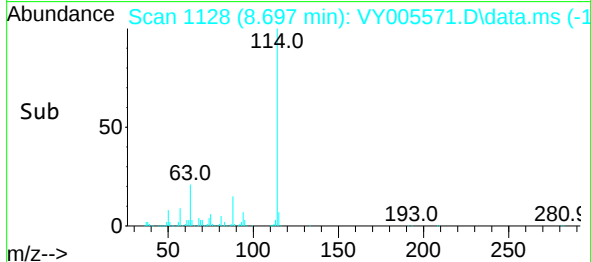
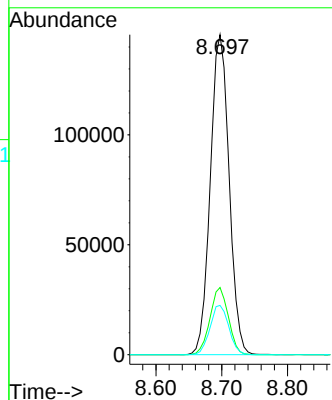
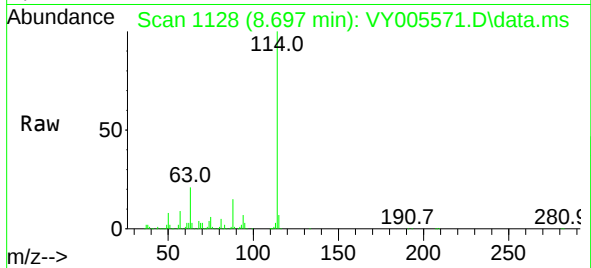




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

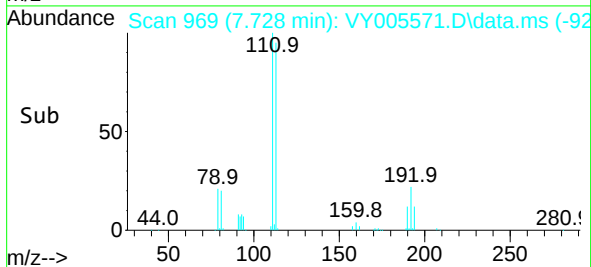
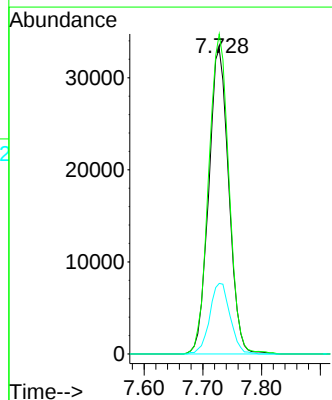
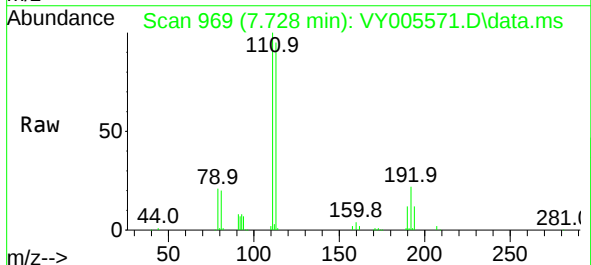
Instrument :
MSVOA_Y
ClientSampleId :

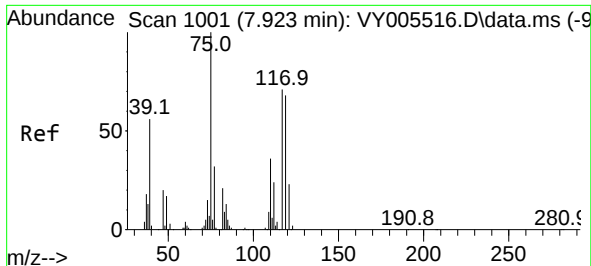
Tgt Ion:114 Resp: 289278
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 48.521 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion:113 Resp: 78585
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 23.5 19.2 28.8

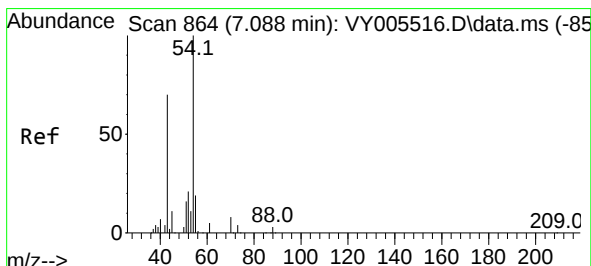
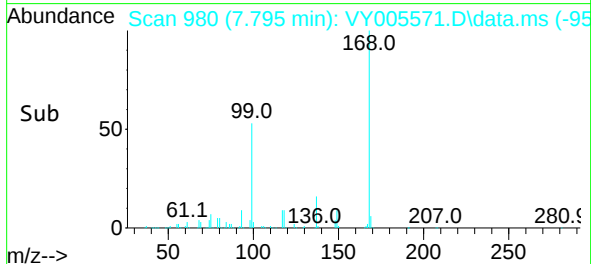
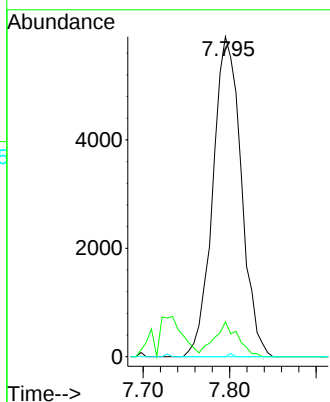
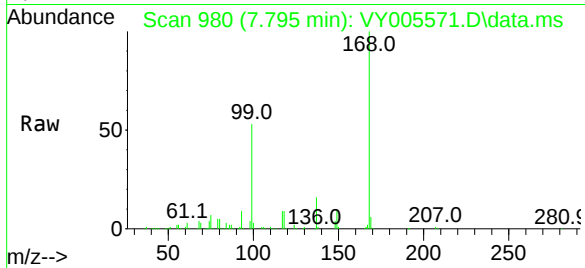




#36
 1,1-Dichloropropene
 Concen: 4.945 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005571.D
 Acq: 06 Aug 2021 15:26

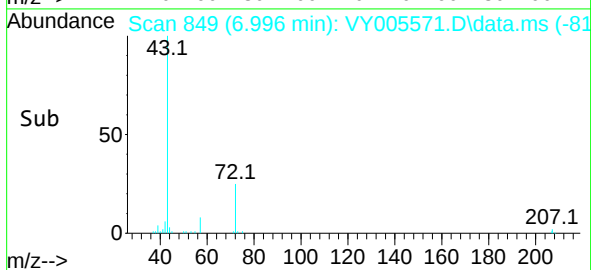
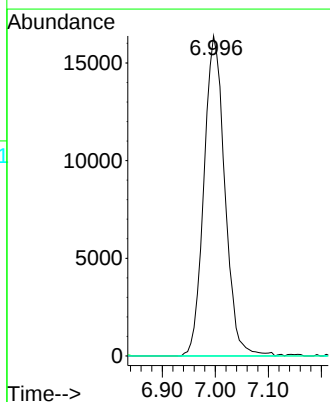
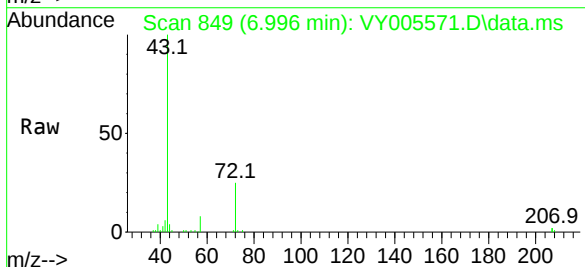
Instrument :
 MSVOA_Y
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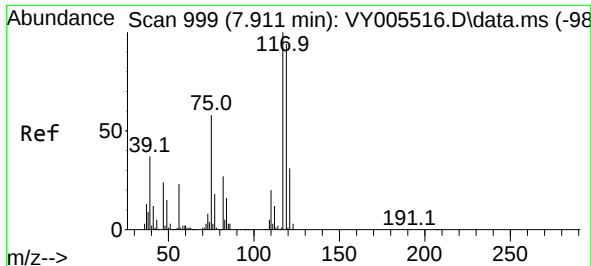
Tgt Ion: 75 Resp: 13418
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.1 54.1#
 77 0.2 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 27.355 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.091 min
 Lab File: VY005571.D
 Acq: 06 Aug 2021 15:26

Tgt Ion: 43 Resp: 44963
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.6 15.8#
 70 0.0 8.6 13.0#





#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 7.801 min Scan# 981

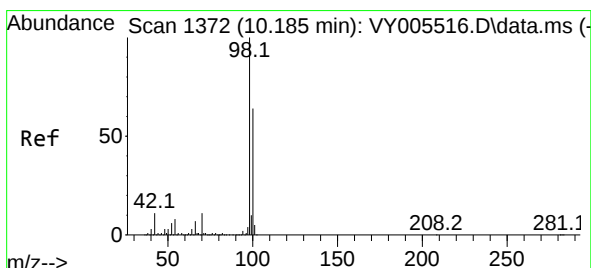
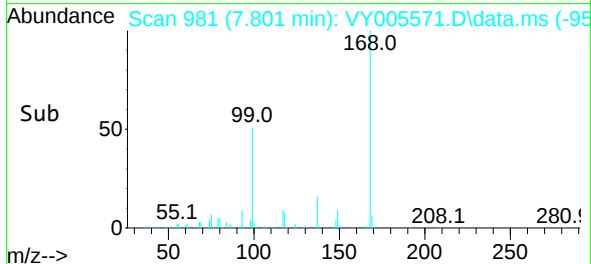
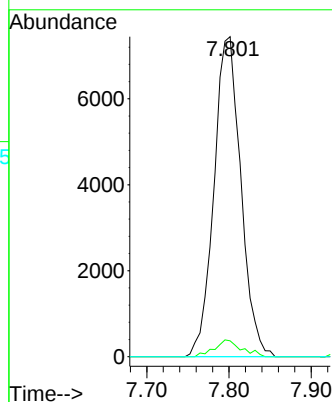
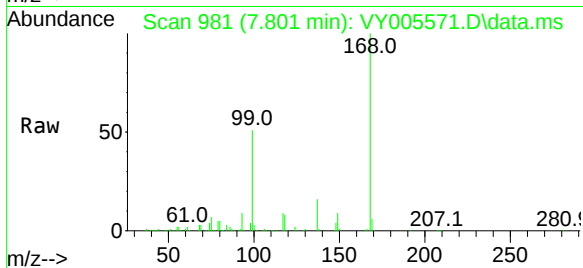
Delta R.T. -0.110 min

Lab File: VY005571.D

Acq: 06 Aug 2021 15:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 16922
Ion Ratio Lower Upper
117 100
119 4.9 75.4 113.0#
121 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 50.631 ug/l

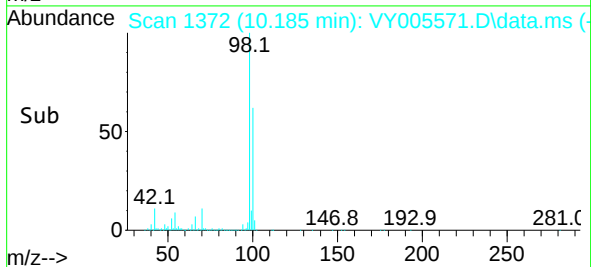
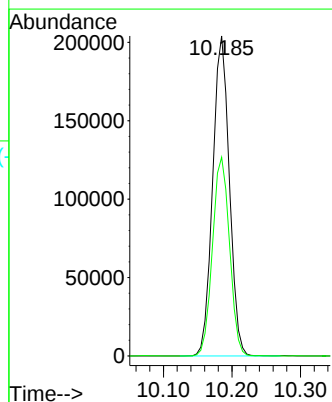
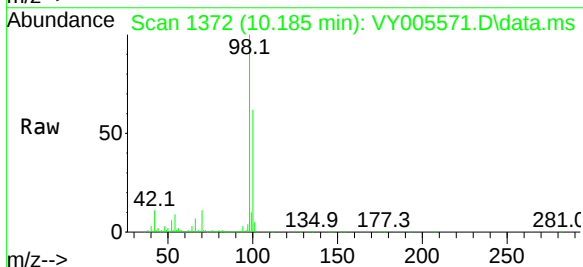
RT: 10.185 min Scan# 1372

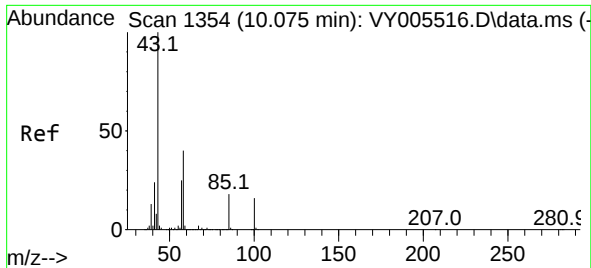
Delta R.T. -0.000 min

Lab File: VY005571.D

Acq: 06 Aug 2021 15:26

Tgt Ion: 98 Resp: 343909
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

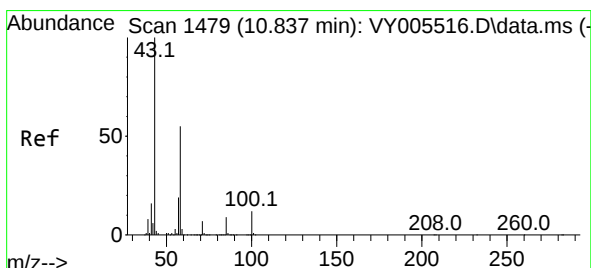
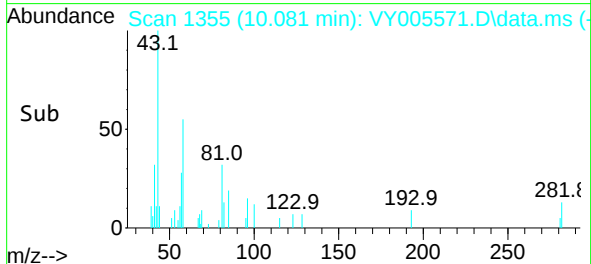
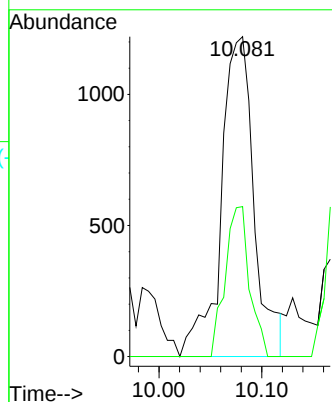
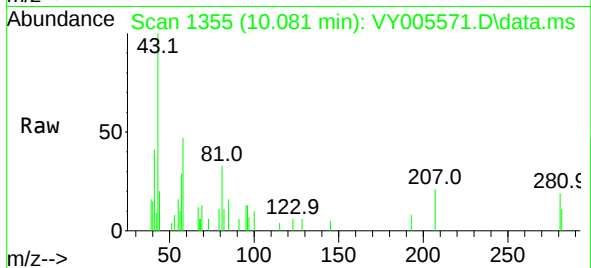




#51
4-Methyl-2-Pentanone
Concen: 1.662 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

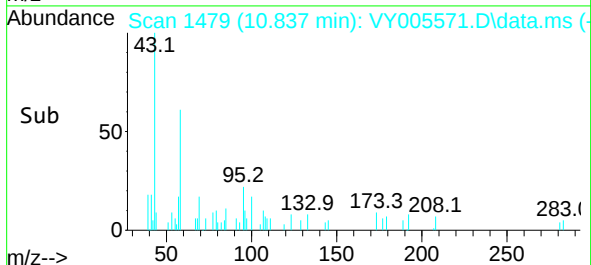
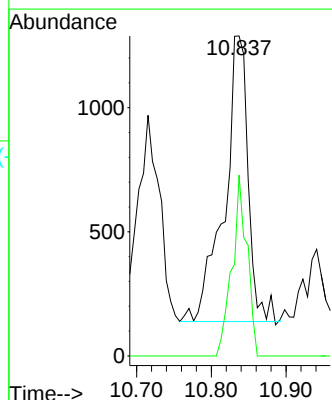
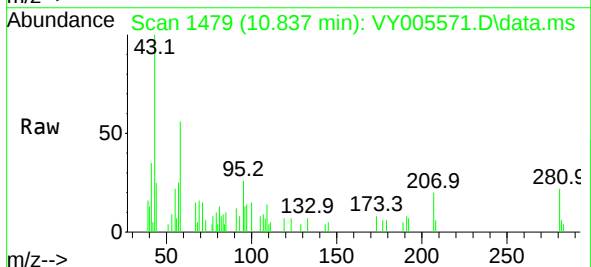
Instrument :
MSVOA_Y
ClientSampled :

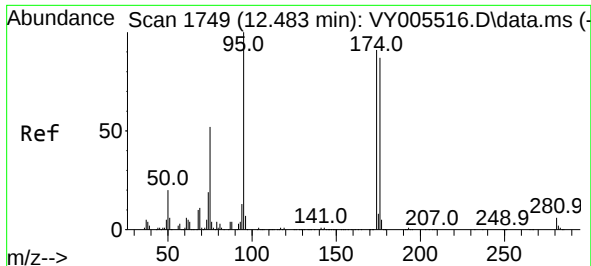
Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
58 34.5 31.4 47.2



#59
2-Hexanone
Concen: 2.203 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 39.5 27.1 81.2

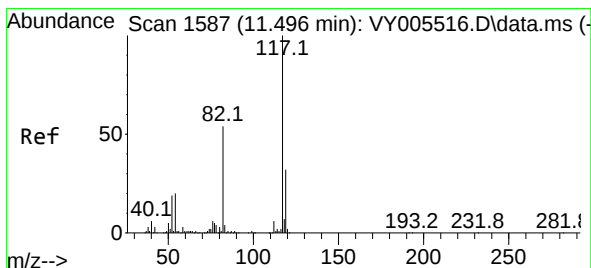
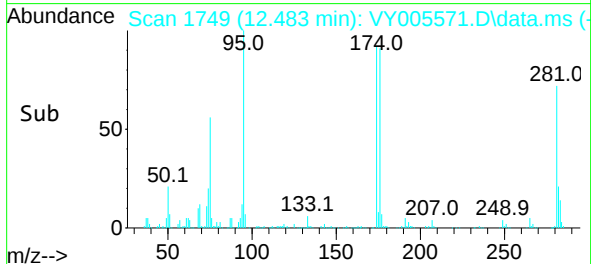
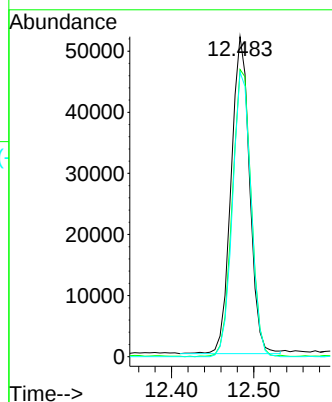
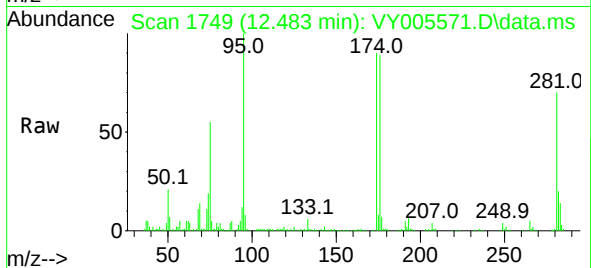




#62
4-Bromofluorobenzene
Concen: 36.048 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

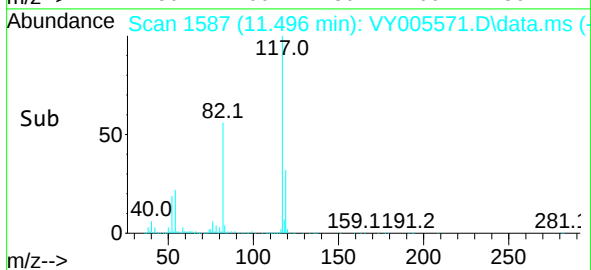
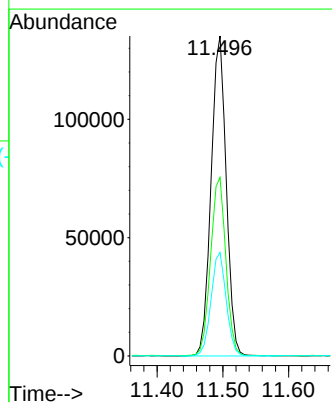
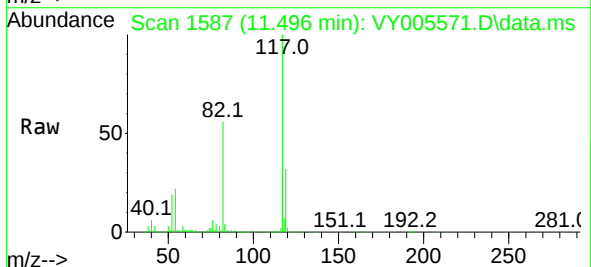
Instrument :
MSVOA_Y
ClientSampleId :

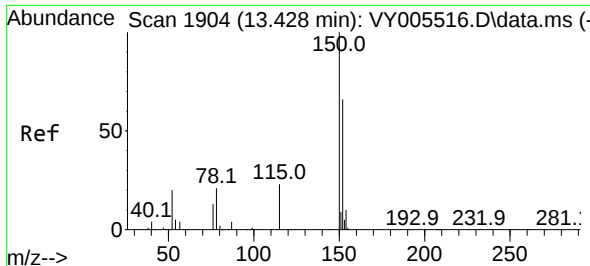
Tgt Ion: 95 Resp: 81083
Ion Ratio Lower Upper
95 100
174 92.5 0.0 191.4
176 89.4 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 117 Resp: 216579
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 32.3 25.5 38.3

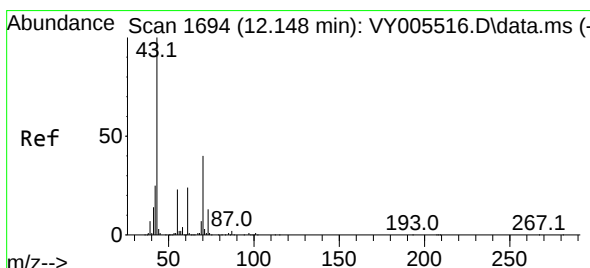
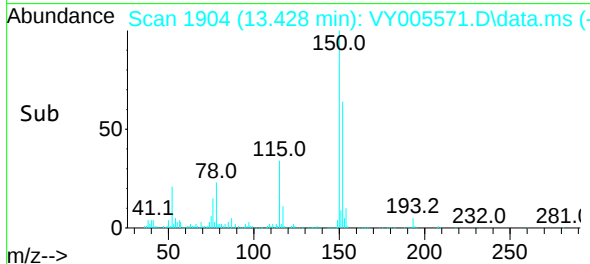
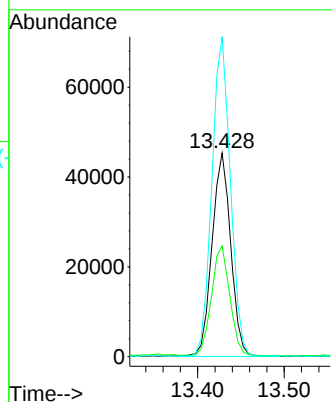
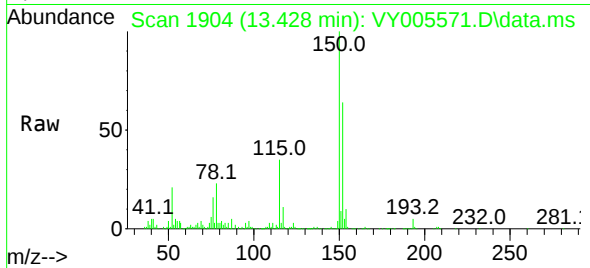




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

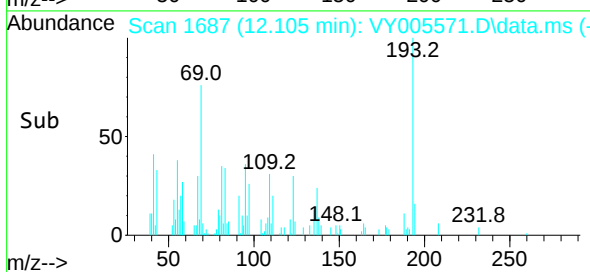
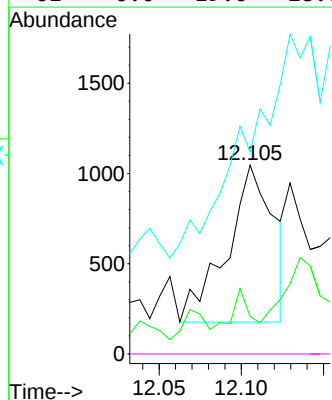
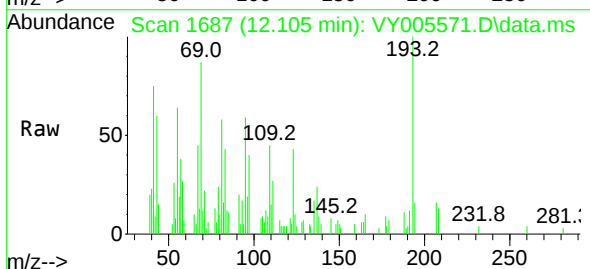
Instrument :
MSVOA_Y
ClientSampleId :

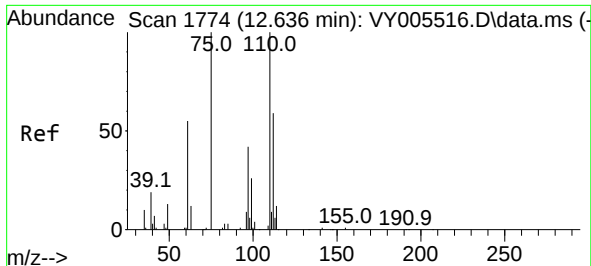
Tgt Ion:152 Resp: 67941
Ion Ratio Lower Upper
152 100
115 52.9 27.3 81.9
150 154.5 0.0 350.2



#74
N-ethyl acetate
Concen: 1.197 ug/l
RT: 12.105 min Scan# 1687
Delta R.T. -0.043 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
70 8.7 32.9 49.3#
55 0.0 18.9 28.3#
61 0.0 19.0 28.6#

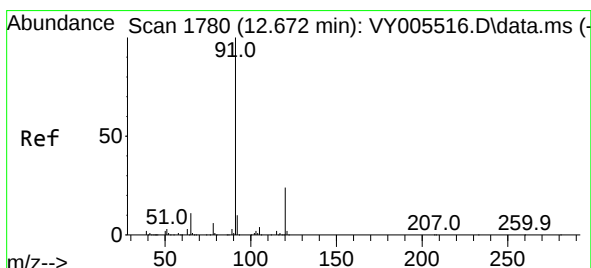
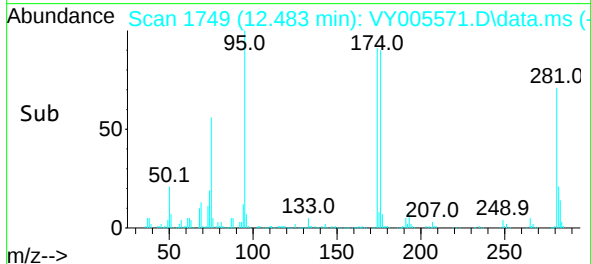
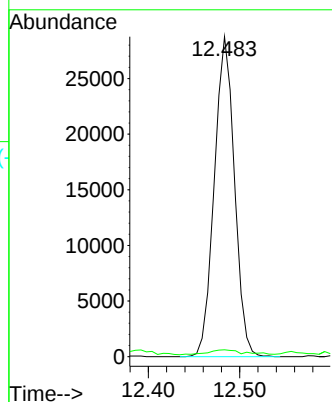
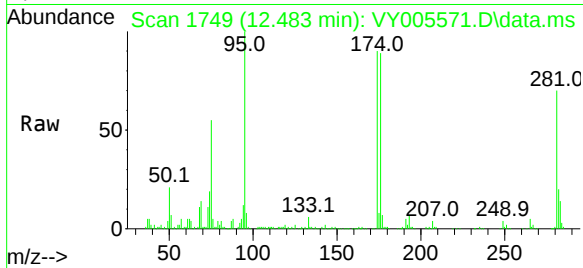




#76
1,2,3-Trichloropropane
Concen: 62.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

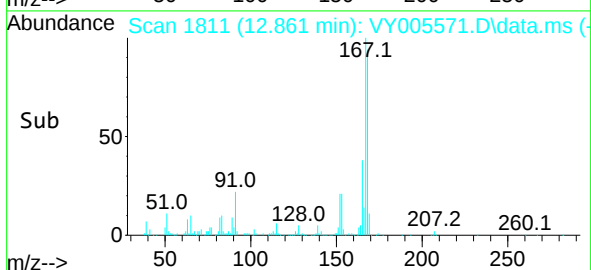
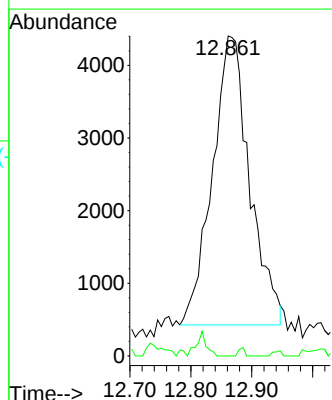
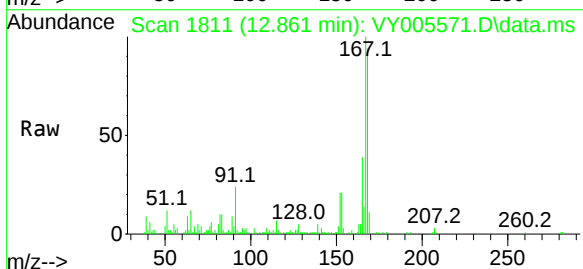
Instrument :
MSVOA_Y
ClientSampleId :

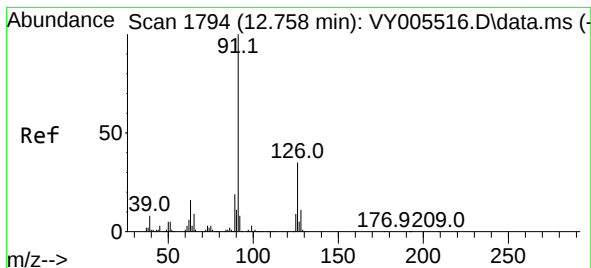
Tgt Ion: 75 Resp: 44074
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#



#78
n-propylbenzene
Concen: 3.007 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.189 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 91 Resp: 16940
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.9#

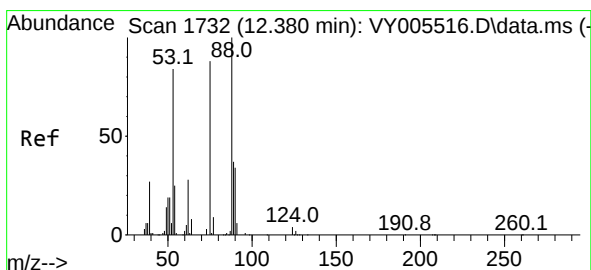
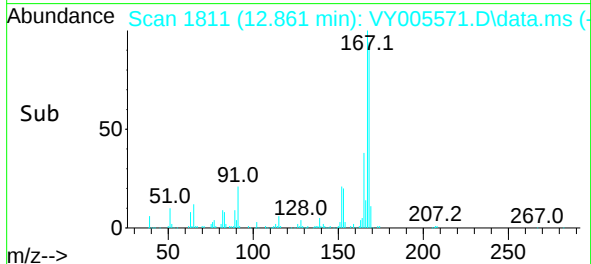
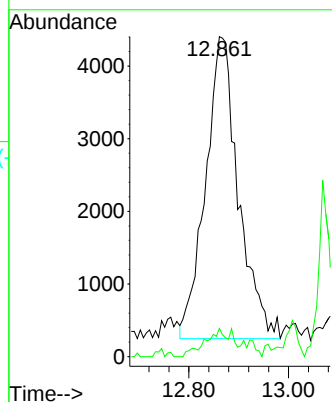
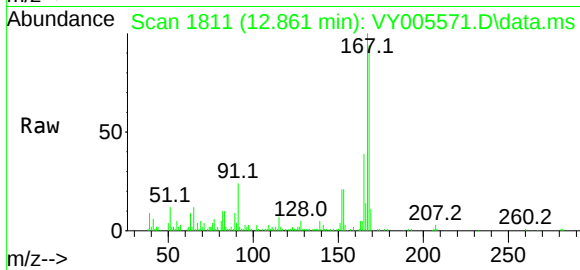




#79
2-Chlorotoluene
Concen: 6.037 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.104 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

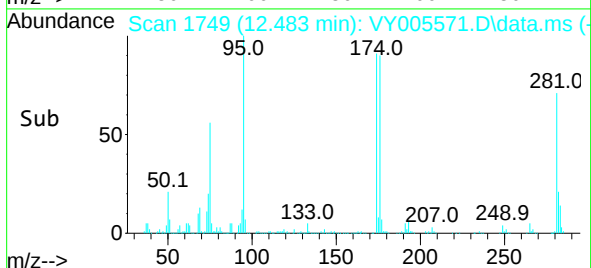
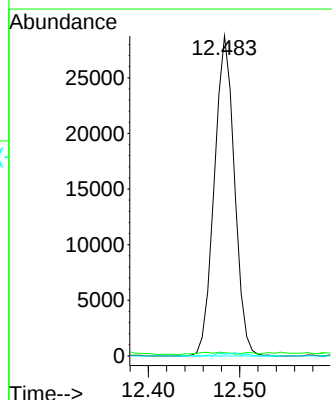
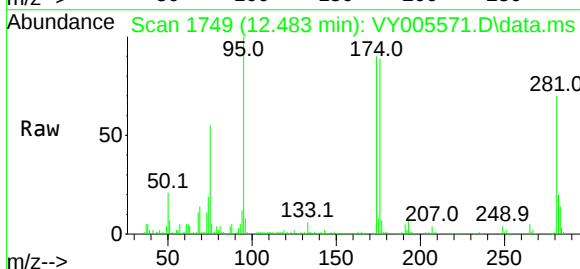
Instrument :
MSVOA_Y
ClientSampled :

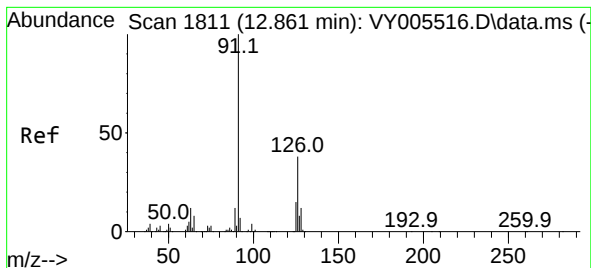
Tgt Ion: 91 Resp: 19093
Ion Ratio Lower Upper
91 100
126 5.9 17.5 52.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.192 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 75 Resp: 44074
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

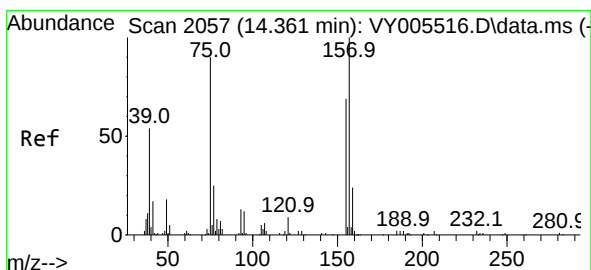
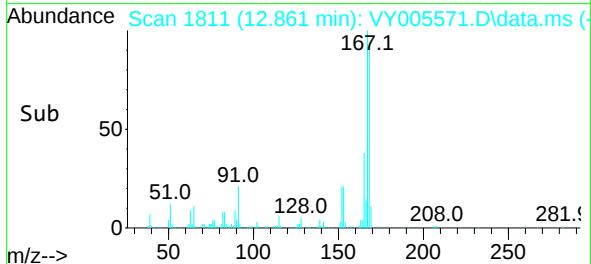
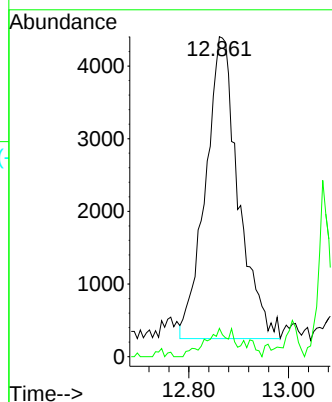
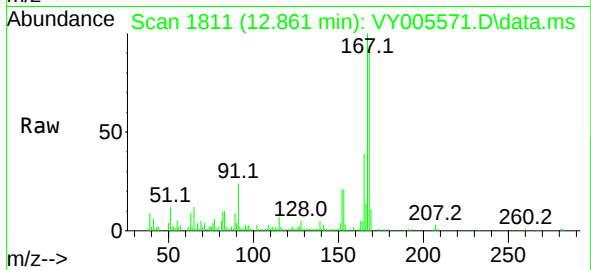




#82
4-Chlorotoluene
Concen: 5.834 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

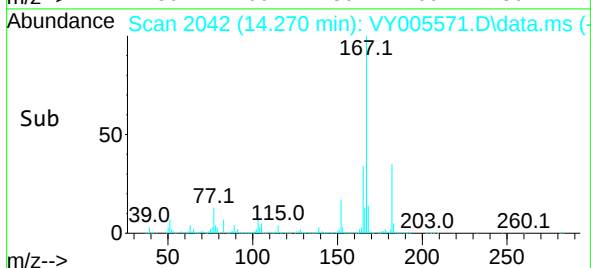
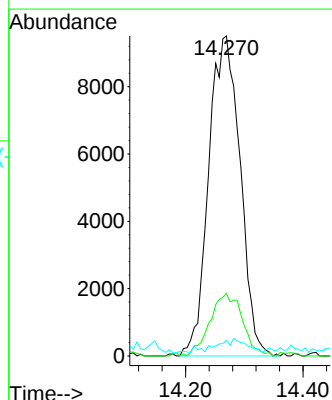
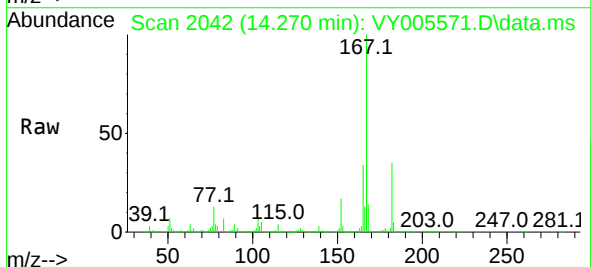
Instrument :
MSVOA_Y
ClientSampleId :

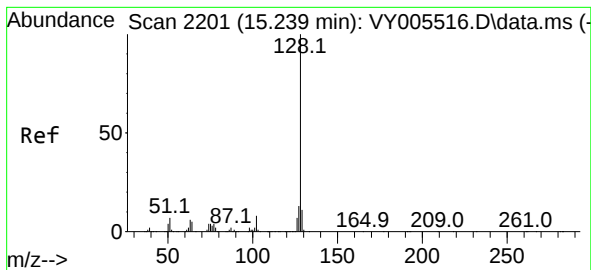
Tgt Ion: 91 Resp: 19093
Ion Ratio Lower Upper
91 100
126 5.9 17.5 52.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 204.023 ug/l
RT: 14.270 min Scan# 2042
Delta R.T. -0.091 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

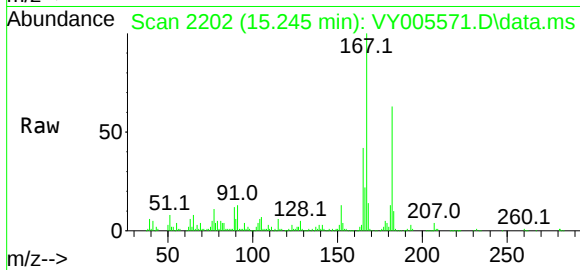
Tgt Ion: 75 Resp: 35279
Ion Ratio Lower Upper
75 100
155 20.2 42.4 127.1#
157 3.6 56.0 168.2#





#95
Naphthalene
Concen: 2.843 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 7731
Ion Ratio Lower Upper
128 100
127 52.9 10.6 15.8#
129 6.2 8.7 13.1#

