

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007699.D
 Acq On : 03 Mar 2022 13:11
 Operator : SY/MD
 Sample : N1726-03
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 275

Quant Time: Mar 04 00:40:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

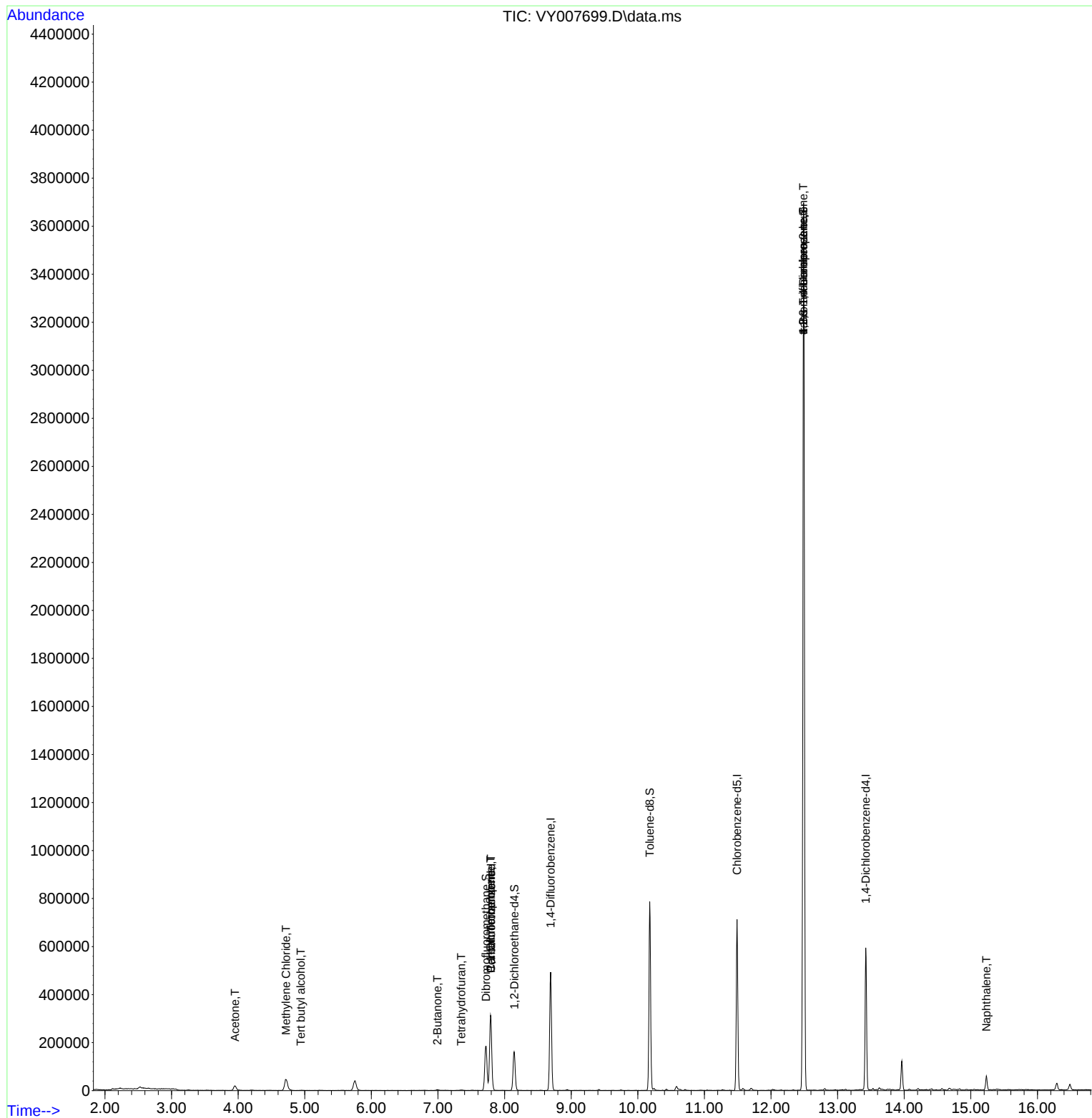
Internal Standards						
1) Pentafluorobenzene	7.795	168	244599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	414382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123628	48.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.722	113	130644	49.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.179	98	510200	52.317	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.483	95	158510	50.424	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	153	Below Cal	#	43
3) Chloromethane	2.113	50	2257	Below Cal		94
11) Tert butyl alcohol	4.942	59	721	3.252 ug/l	#	79
13) Acrolein	3.729	56	58	Below Cal	#	1
16) Acetone	3.954	43	34647	66.511 ug/l		98
17) Carbon Disulfide	4.186	76	1423	Below Cal		99
18) Methyl Acetate	4.472	43	1170	Below Cal	#	76
20) Methylene Chloride	4.716	84	35050	10.588 ug/l		86
25) 2-Butanone	6.990	43	3433	3.929 ug/l	#	87
29) Tetrahydrofuran	7.350	42	1085	1.815 ug/l	#	71
31) Cyclohexane	7.789	56	5219	Below Cal	#	22
36) 1,1-Dichloropropene	7.789	75	19212	4.610 ug/l	#	50
38) Carbon Tetrachloride	7.795	117	23943	5.386 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	109694	64.611 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109694	132.090 ug/l	#	11
95) Naphthalene	15.233	128	45112	7.267 ug/l		98

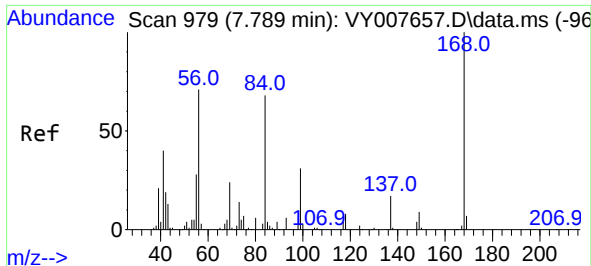
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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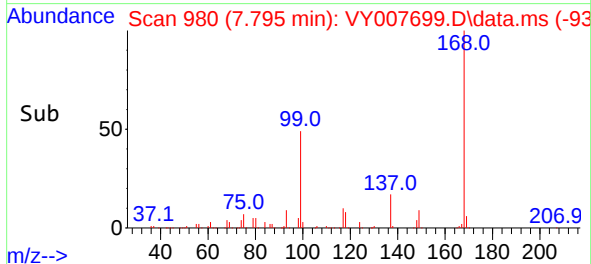
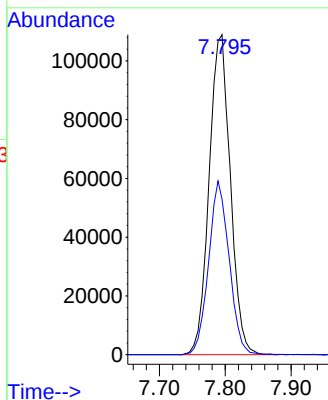
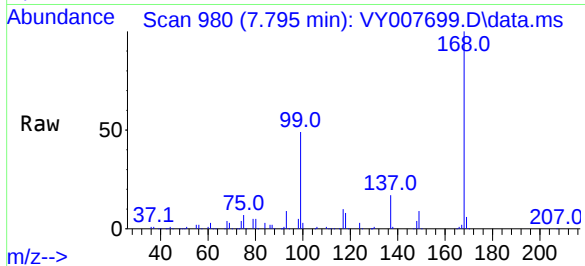




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

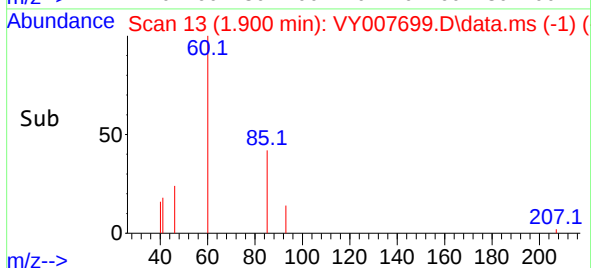
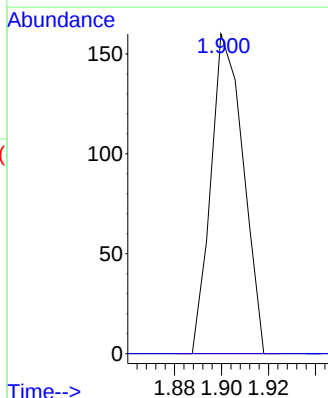
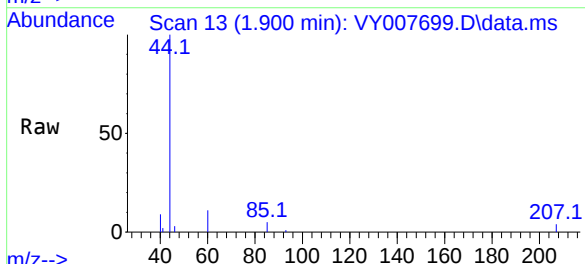
Instrument :
MSVOA_Y
ClientSampleId :
275

Tgt Ion:168 Resp: 244599
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3

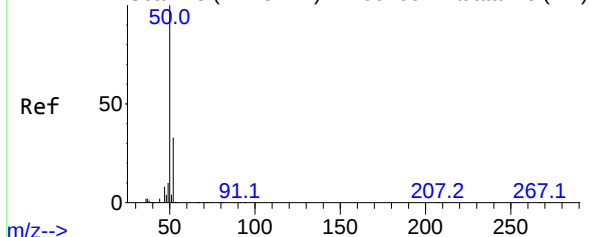


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 85 Resp: 153
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



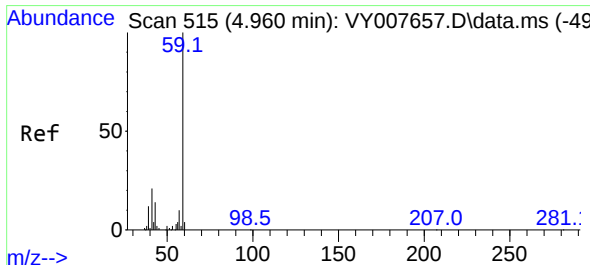
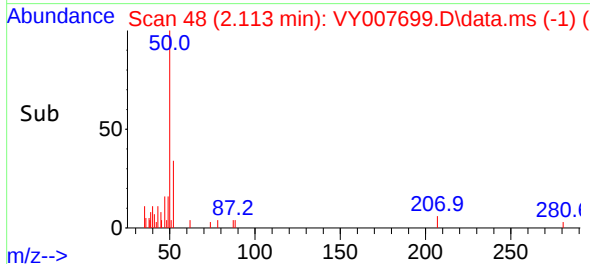
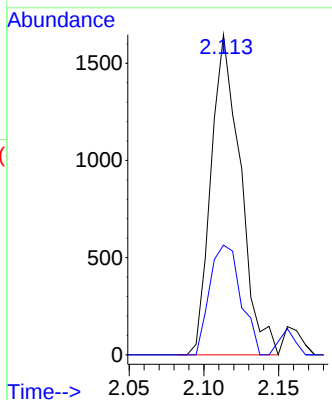
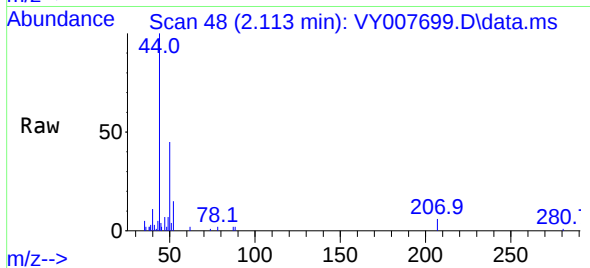
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

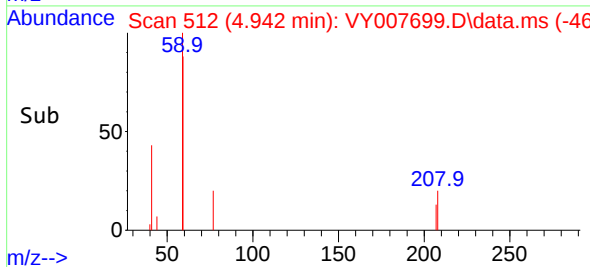
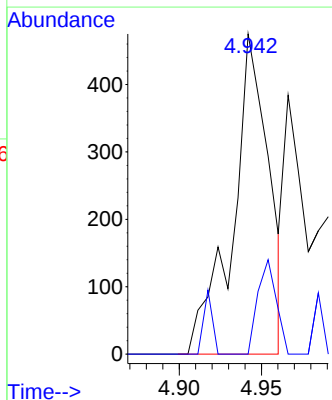
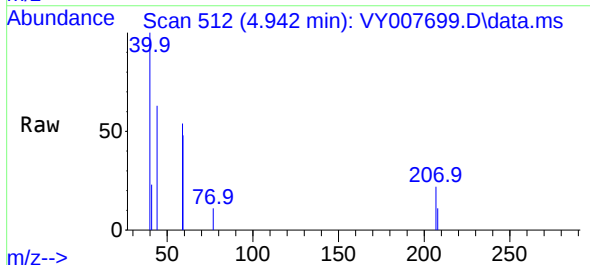
Instrument :
MSVOA_Y
ClientSampleId :
275

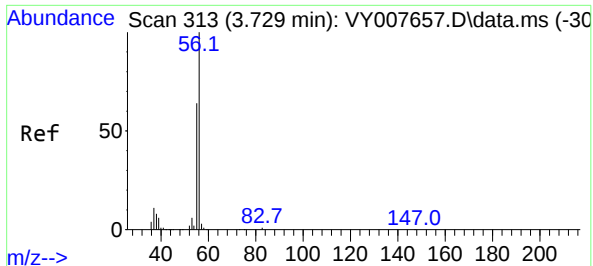
Tgt Ion: 50 Resp: 2257
Ion Ratio Lower Upper
50 100
52 34.2 24.6 37.0



#11
Tert butyl alcohol
Concen: 3.252 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 59 Resp: 721
Ion Ratio Lower Upper
59 100
57 15.3 6.4 9.6

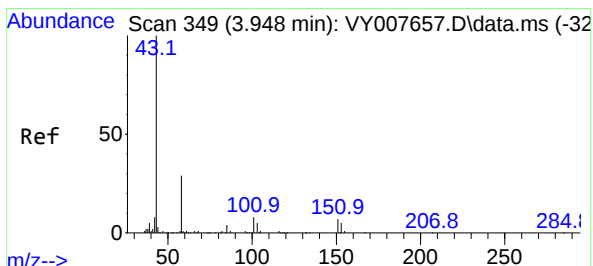
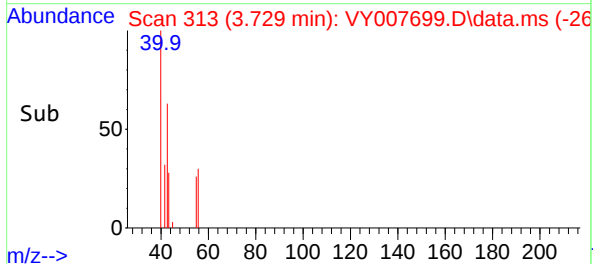
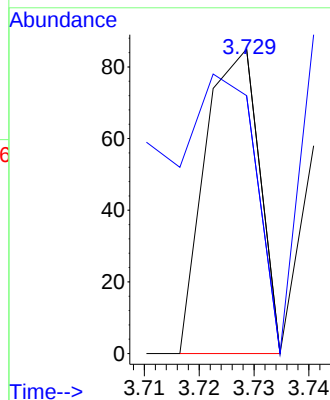
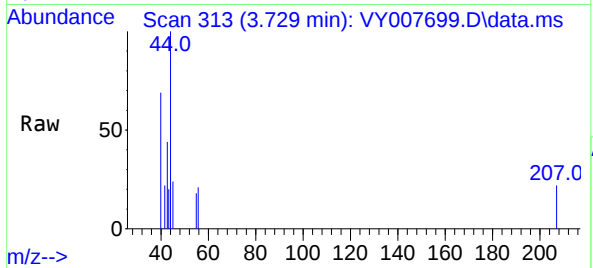




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

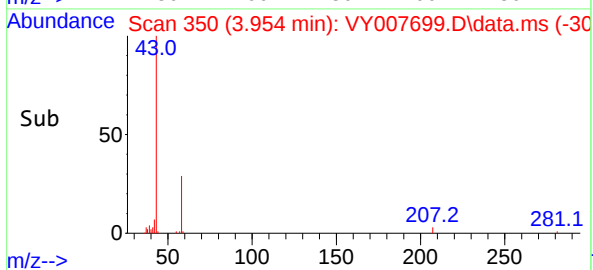
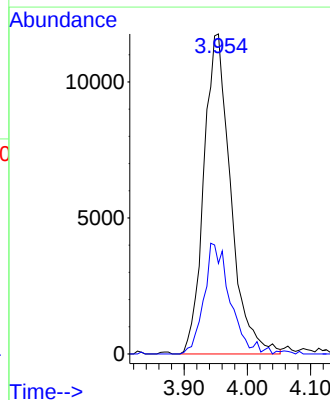
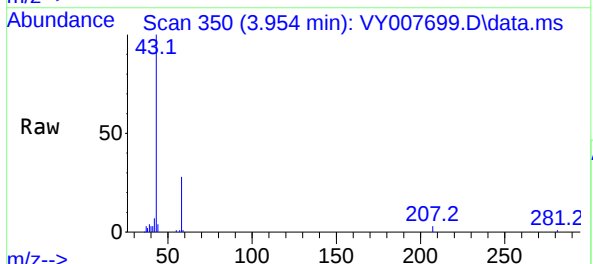
Instrument :
MSVOA_Y
ClientSampleId :
275

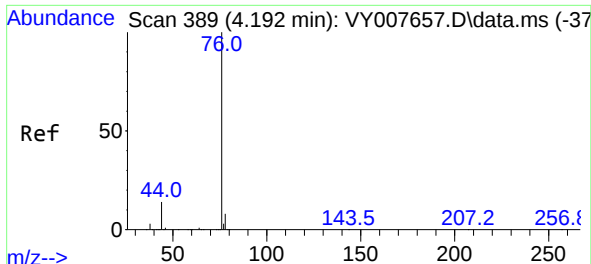
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 206.9 57.6 86.4#



#16
Acetone
Concen: 66.511 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 43 Resp: 34647
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0

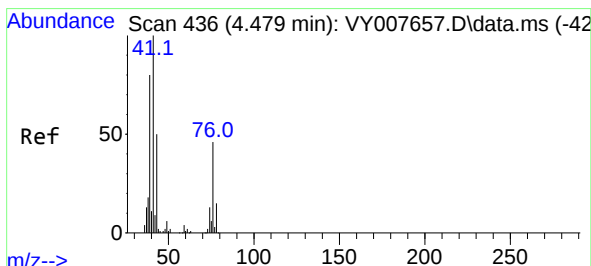
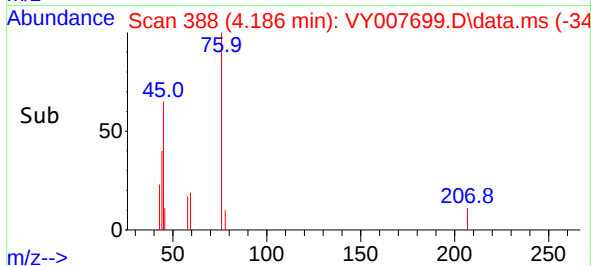
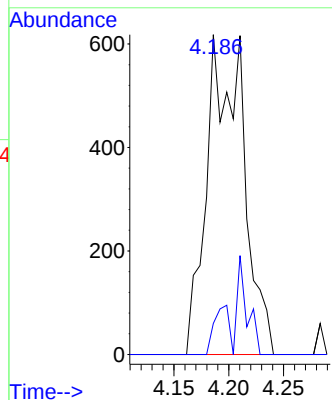
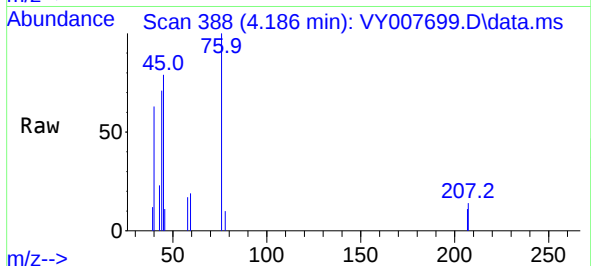




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

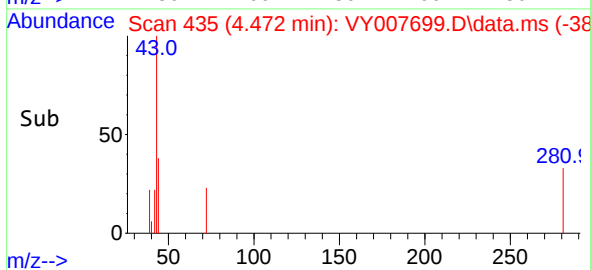
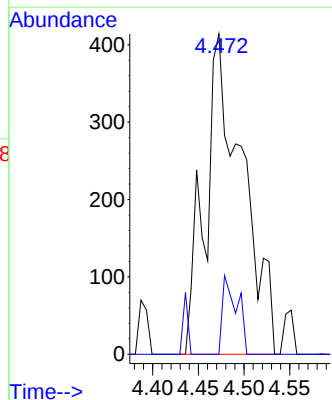
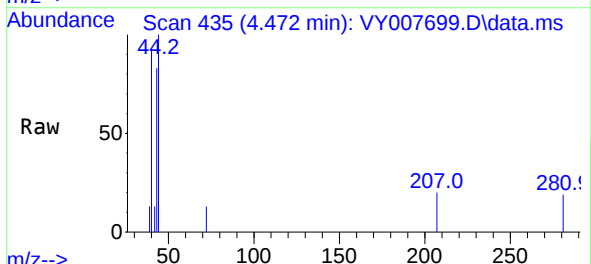
Instrument :
MSVOA_Y
ClientSampleId :
275

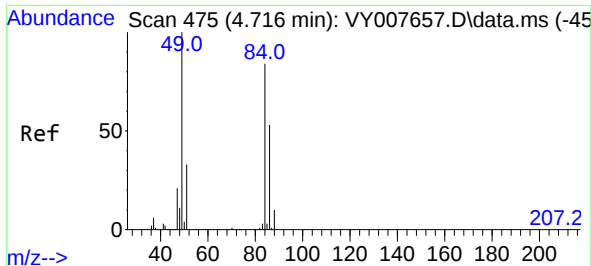
Tgt Ion: 76 Resp: 1423
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
74 9.7 16.6 24.8#





#20

Methylene Chloride

Concen: 10.588 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007699.D

Acq: 03 Mar 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

275

Tgt Ion: 84 Resp: 35050

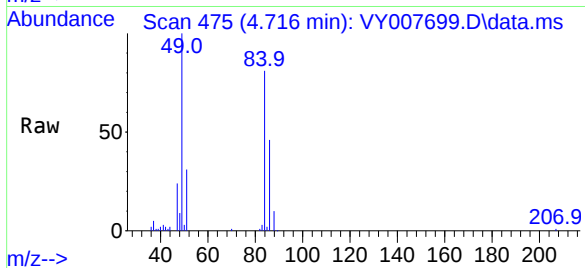
Ion Ratio Lower Upper

84 100

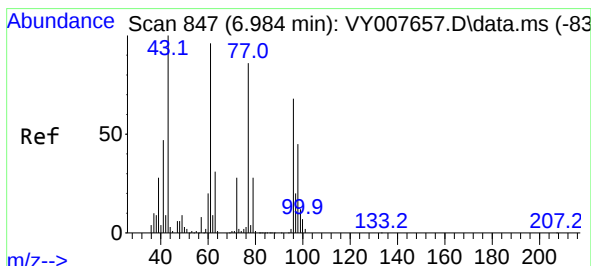
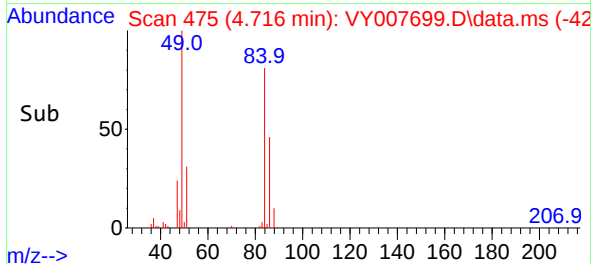
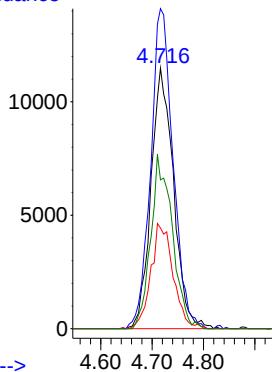
49 122.7 114.4 171.6

51 38.6 35.3 52.9

86 57.1 53.7 80.5



Abundance



#25

2-Butanone

Concen: 3.929 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007699.D

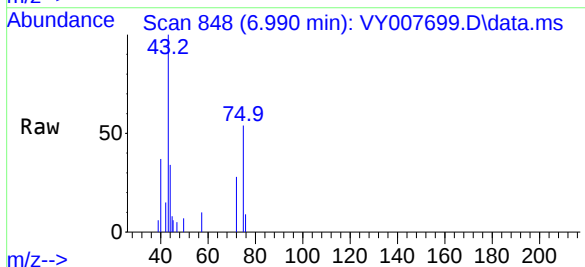
Acq: 03 Mar 2022 13:11

Tgt Ion: 43 Resp: 3433

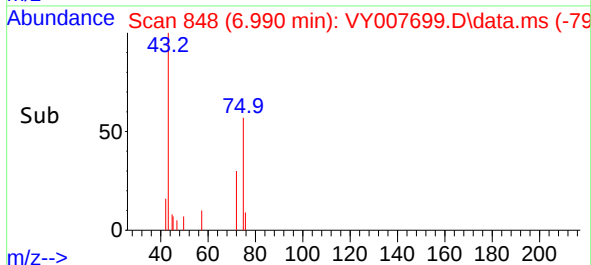
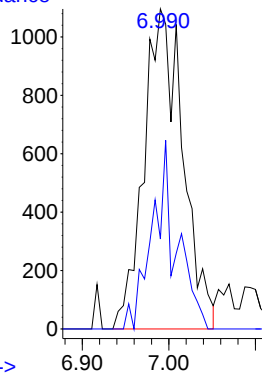
Ion Ratio Lower Upper

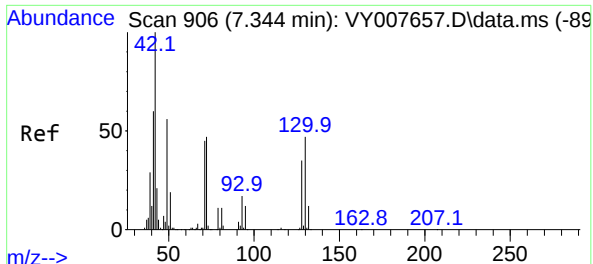
43 100

72 28.1 17.7 26.5#



Abundance

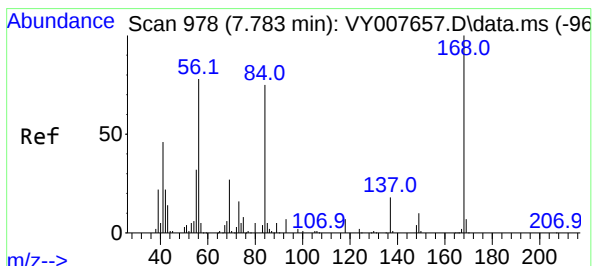
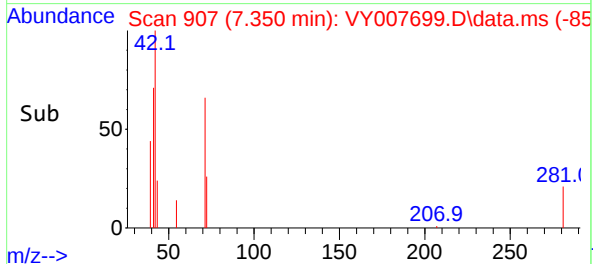
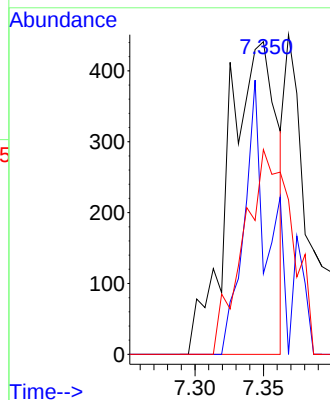
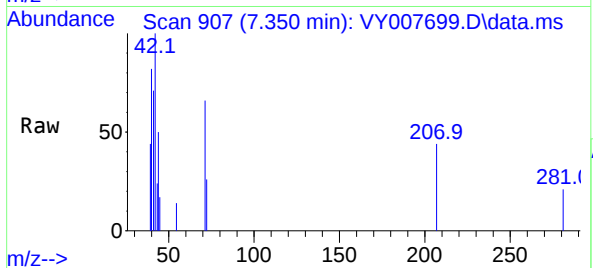




#29
Tetrahydrofuran
Concen: 1.815 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

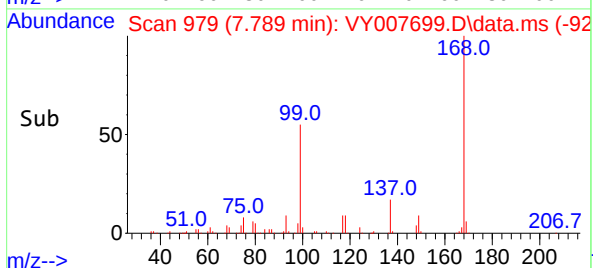
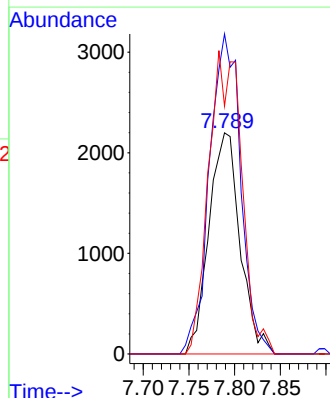
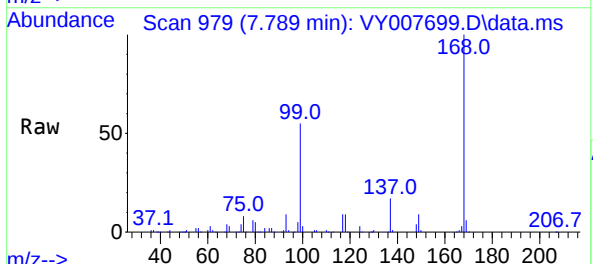
Instrument :
MSVOA_Y
ClientSampleId :
275

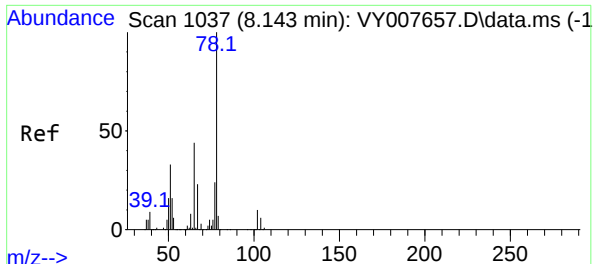
Tgt Ion: 42 Resp: 1085
Ion Ratio Lower Upper
42 100
72 43.1 30.3 45.5
71 65.3 29.0 43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 56 Resp: 5219
Ion Ratio Lower Upper
56 100
69 144.7 26.7 40.1#
84 112.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 48.278 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY007699.D

Acq: 03 Mar 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

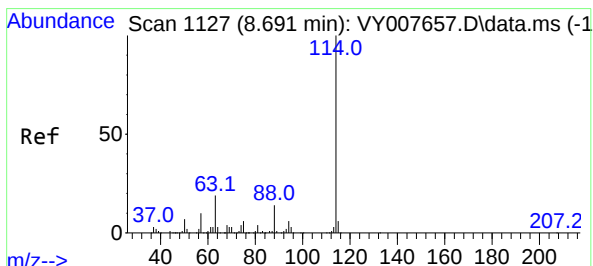
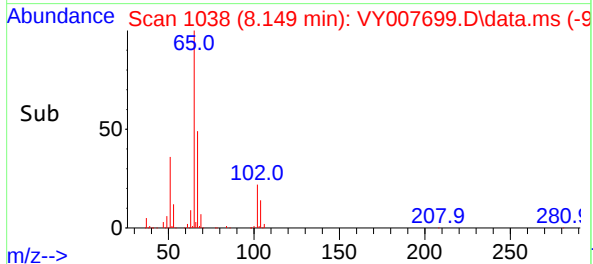
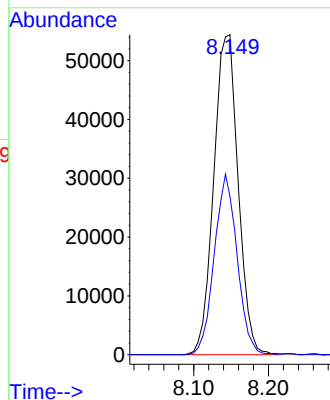
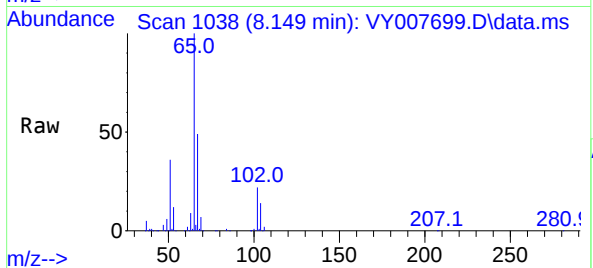
275

Tgt Ion: 65 Resp: 123628

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007699.D

Acq: 03 Mar 2022 13:11

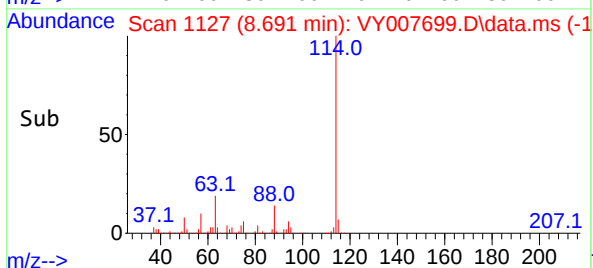
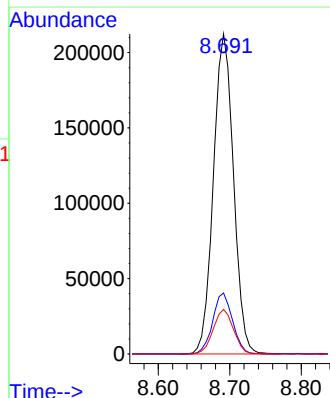
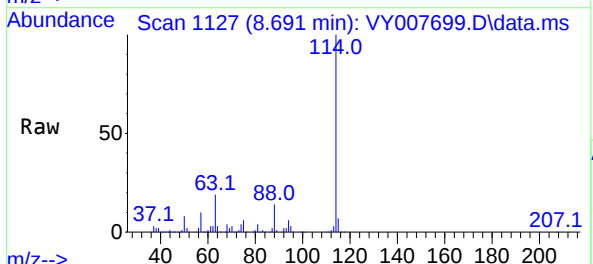
Tgt Ion: 114 Resp: 414382

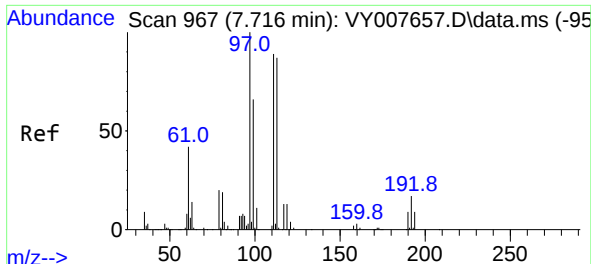
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.9 0.0 31.8

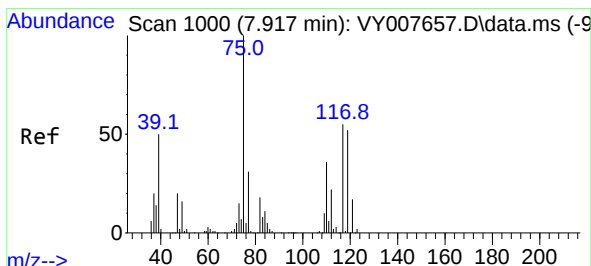
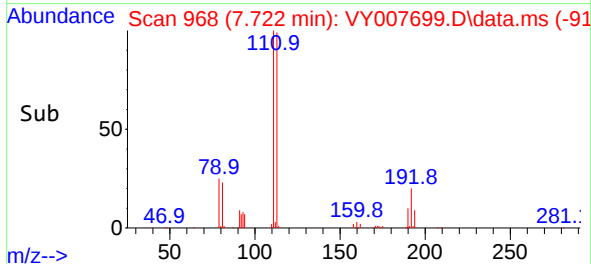
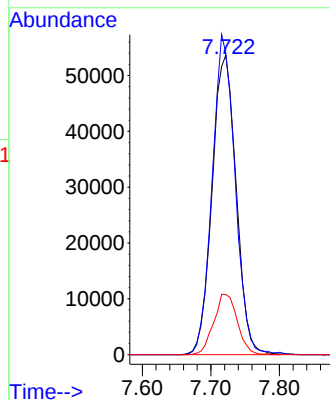
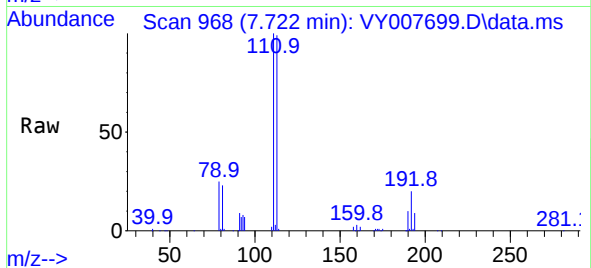




#35
Dibromofluoromethane
Concen: 49.313 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

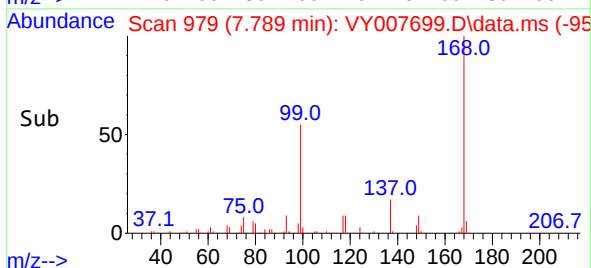
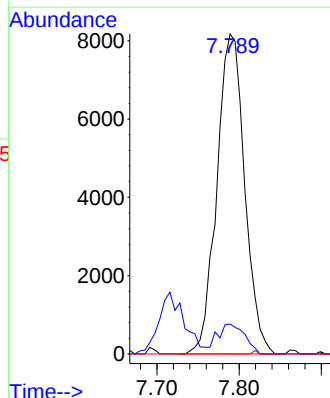
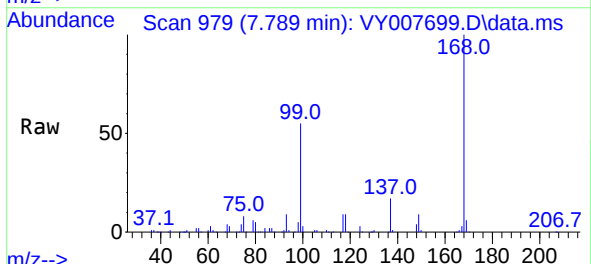
Instrument :
MSVOA_Y
ClientSampleId :
275

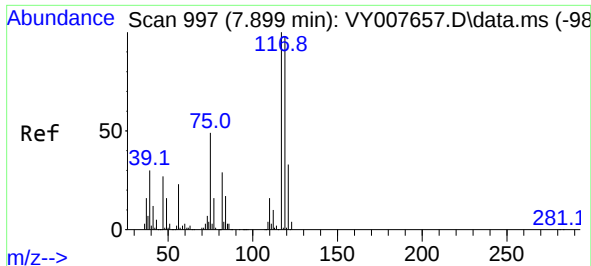
Tgt Ion:113 Resp: 130644
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 75 Resp: 19212
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

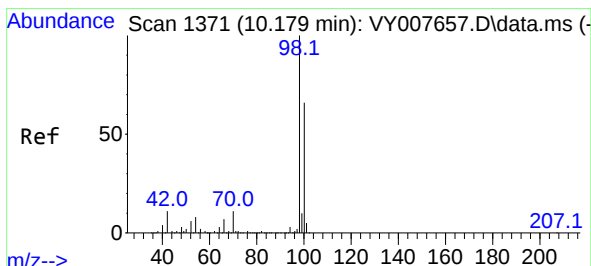
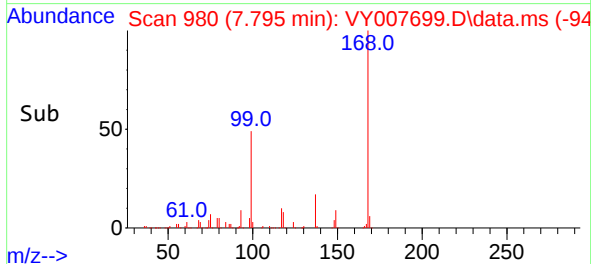
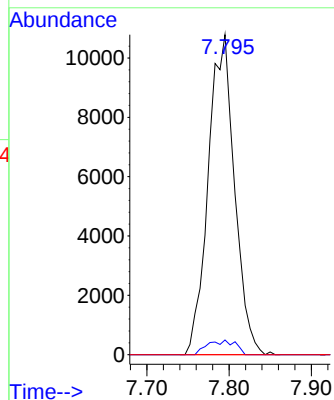
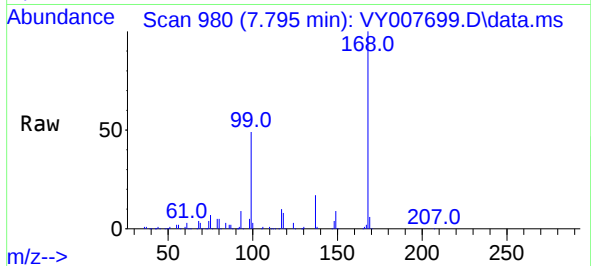




#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

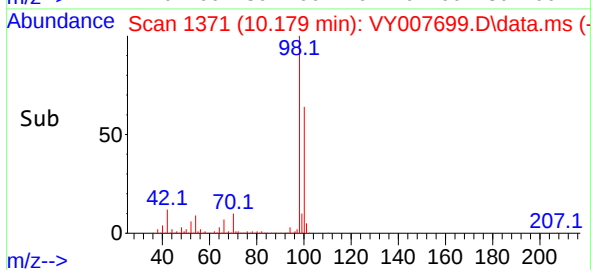
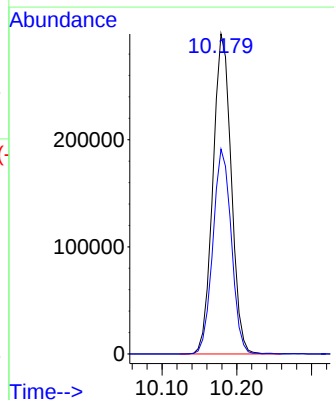
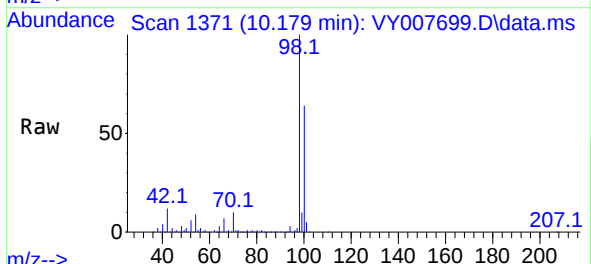
Instrument :
MSVOA_Y
ClientSampleId :
275

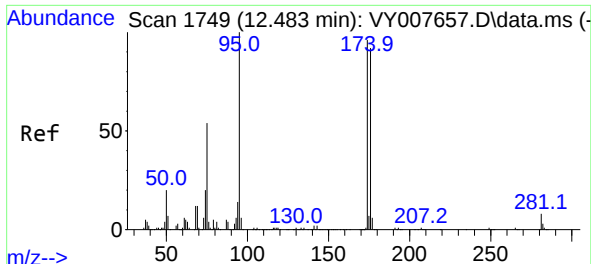
Tgt Ion:117 Resp: 23943
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.317 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 98 Resp: 510200
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

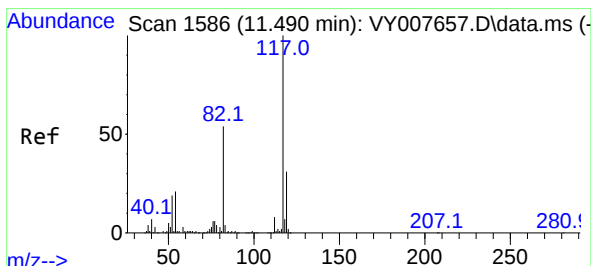
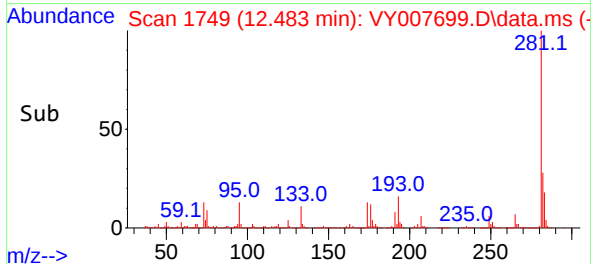
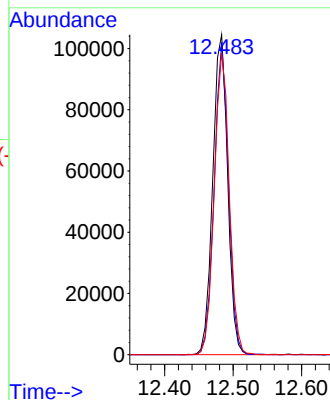
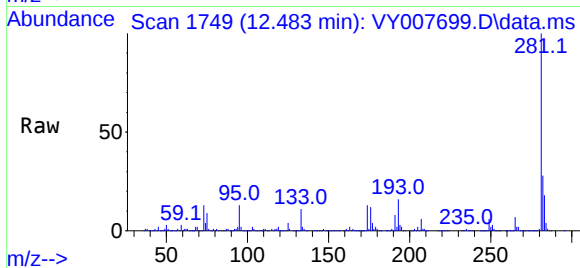




#62
4-Bromofluorobenzene
Concen: 50.424 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

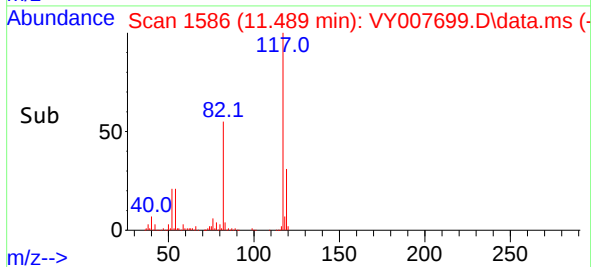
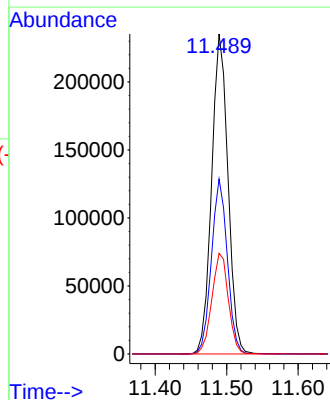
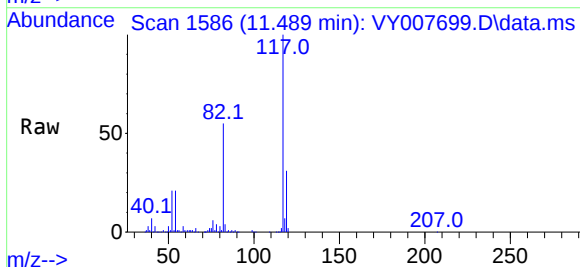
Instrument :
MSVOA_Y
ClientSampleId :
275

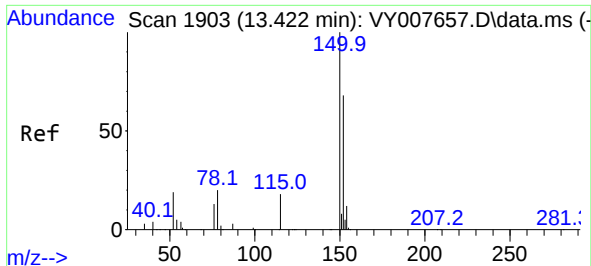
Tgt Ion: 95 Resp: 158510
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 94.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion: 117 Resp: 372630
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.5 25.4 38.0



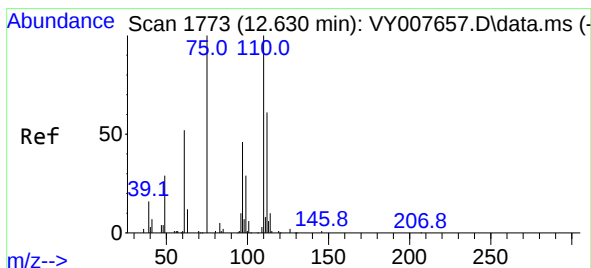
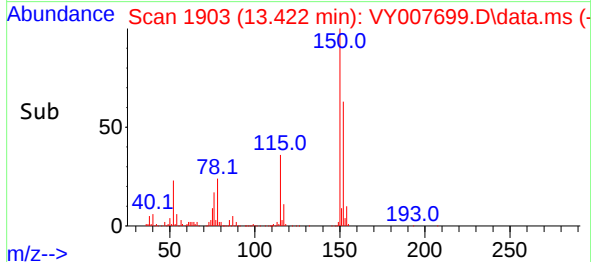
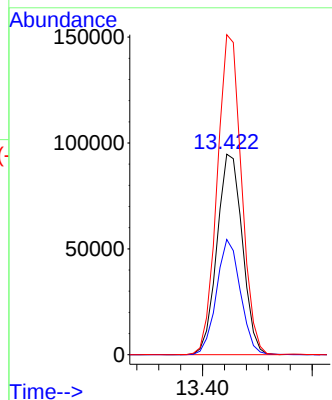
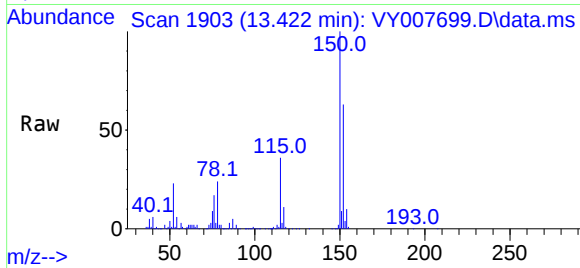


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007699.D
 Acq: 03 Mar 2022 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 275

Tgt Ion:152 Resp: 152024

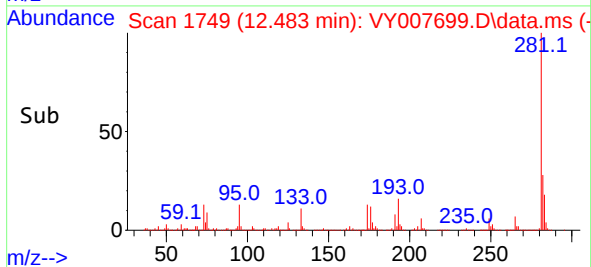
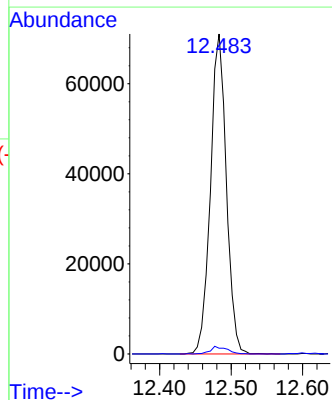
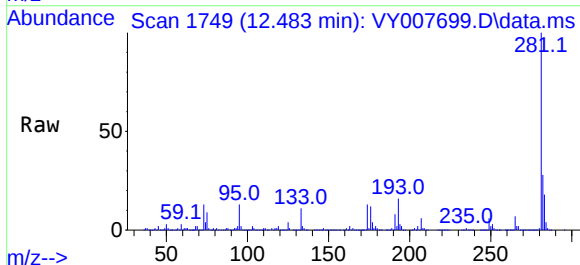
Ion	Ratio	Lower	Upper
152	100		
115	54.3	28.2	84.7
150	153.1	0.0	347.6

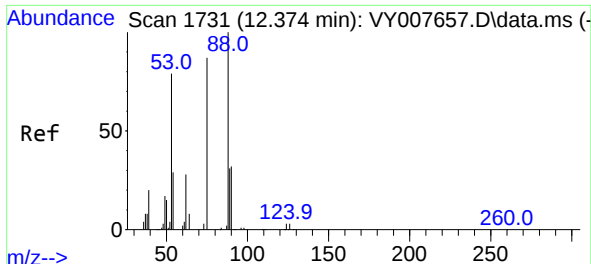


#76
 1,2,3-Trichloropropane
 Concen: 64.611 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007699.D
 Acq: 03 Mar 2022 13:11

Tgt Ion: 75 Resp: 109694

Ion	Ratio	Lower	Upper
75	100		
77	2.5	0.0	0.0#

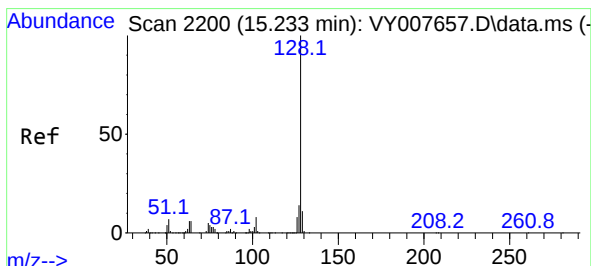
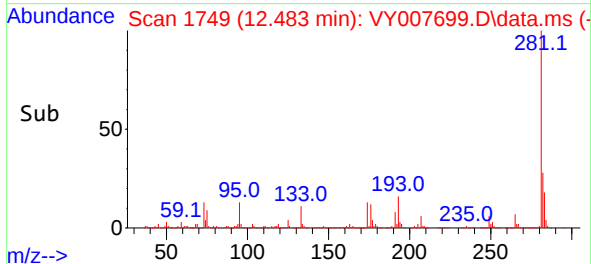
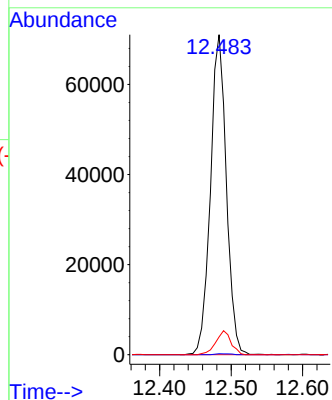
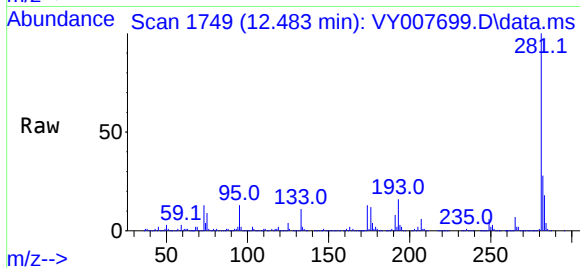




#81
trans-1,4-Dichloro-2-butene
Concen: 132.090 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
275

Tgt Ion: 75 Resp: 109694
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 7.1 37.0 55.4#



#95
Naphthalene
Concen: 7.267 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007699.D
Acq: 03 Mar 2022 13:11

Tgt Ion:128 Resp: 45112
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.7 8.4 12.6

