

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007835.D
 Acq On : 10 Mar 2022 19:06
 Operator : SY/MD
 Sample : N1763-10RE
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-6-SAMPLE-LOCATION-3

Quant Time: Mar 10 23:59:27 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)

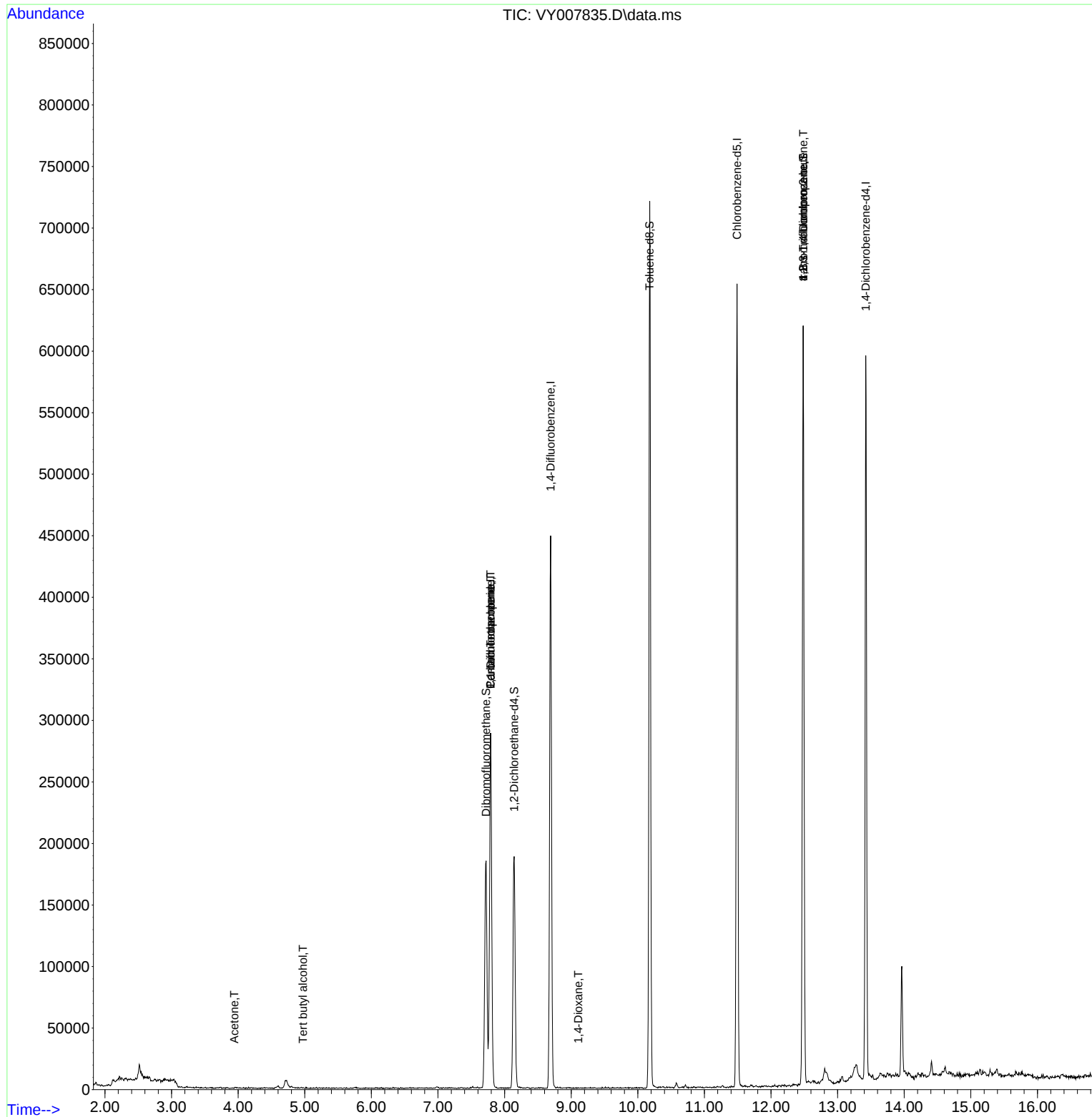
Internal Standards						
1) Pentafluorobenzene	7.789	168	211210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	144824	65.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.000%	
35) Dibromofluoromethane	7.722	113	126334	53.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.179	98	460684	52.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.483	95	133348	47.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	176	Below Cal	#	43
3) Chloromethane	2.113	50	1537	Below Cal	#	79
11) Tert butyl alcohol	4.972	59	195	1.019	ug/l #	77
13) Acrolein	3.735	56	55	Below Cal	#	57
16) Acetone	3.942	43	1123	2.497	ug/l #	47
17) Carbon Disulfide	4.314	76	20	Below Cal	#	75
18) Methyl Acetate	4.479	43	98	Below Cal	#	56
20) Methylene Chloride	4.722	84	4941	Below Cal	#	62
31) Cyclohexane	7.789	56	5326	Below Cal	#	35
36) 1,1-Dichloropropene	7.789	75	17675	4.737	ug/l #	51
38) Carbon Tetrachloride	7.789	117	21008	5.278	ug/l #	16
49) 1,4-Dioxane	9.106	88	59	3.032	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	78140	50.033	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78140	102.286	ug/l #	8

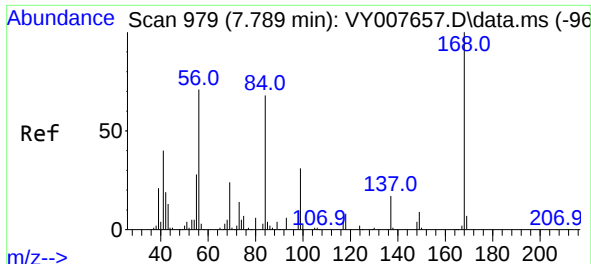
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
Data File : VY007835.D
Acq On : 10 Mar 2022 19:06
Operator : SY/MD
Sample : N1763-10RE
Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

Quant Time: Mar 10 23:59:27 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

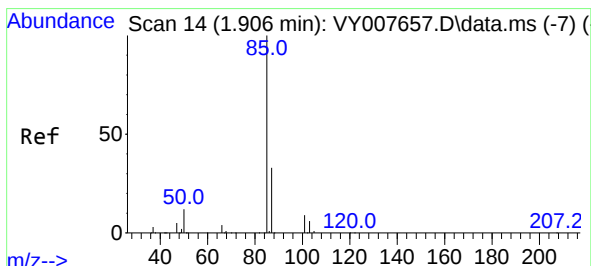
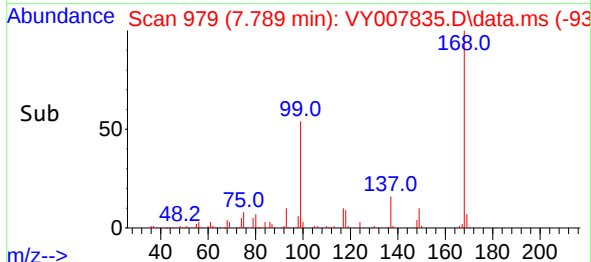
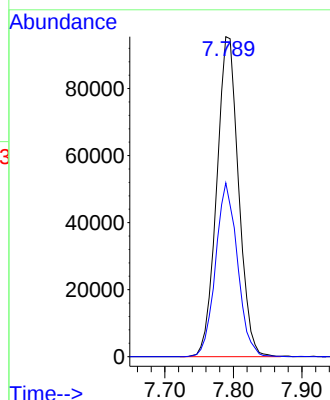
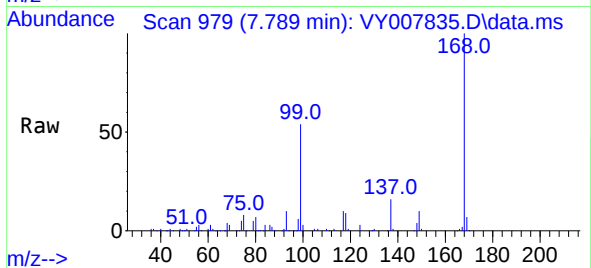




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

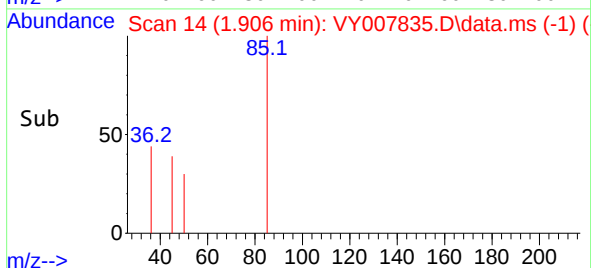
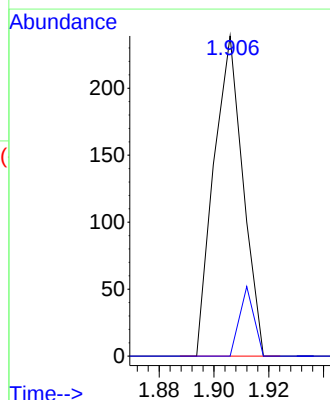
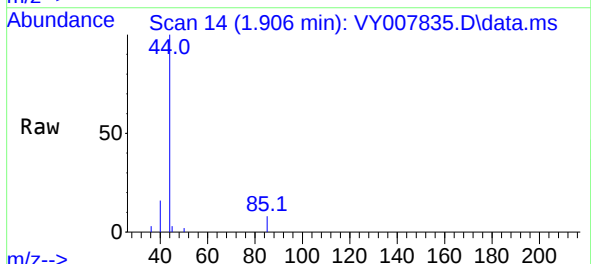
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

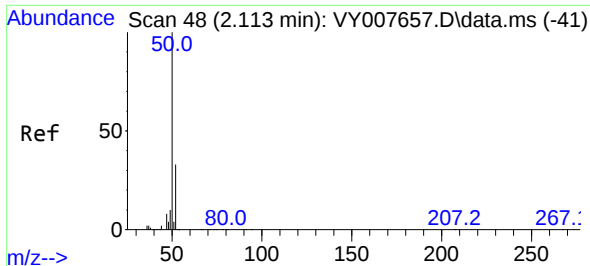
Tgt Ion:168 Resp: 211210
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 85 Resp: 176
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

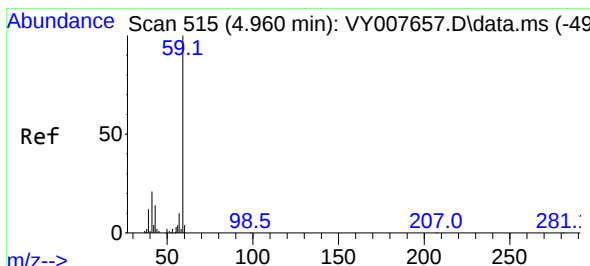
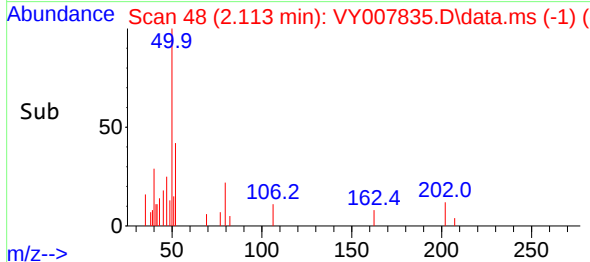
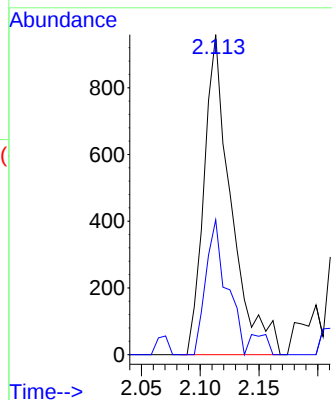
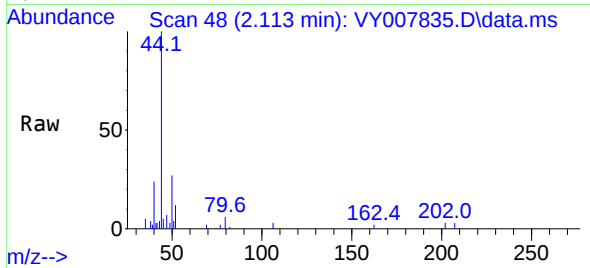




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

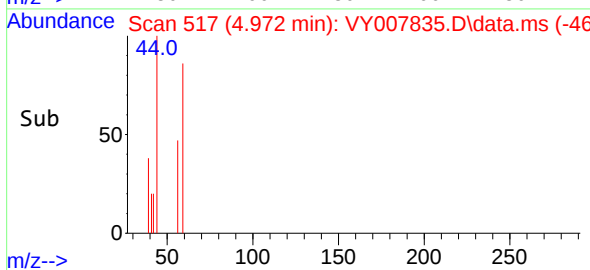
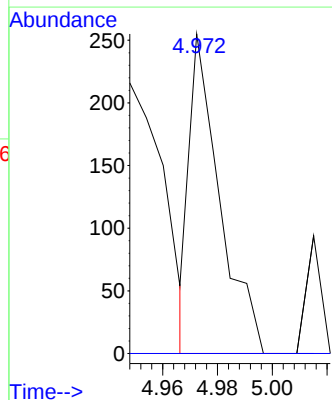
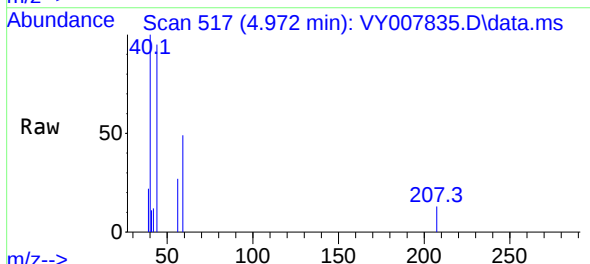
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

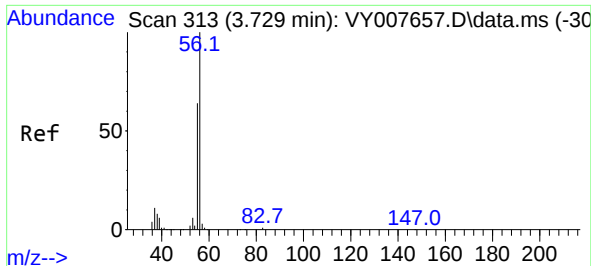
Tgt Ion: 50 Resp: 1537
Ion Ratio Lower Upper
50 100
52 42.1 24.6 37.0#



#11
Tert butyl alcohol
Concen: 1.019 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

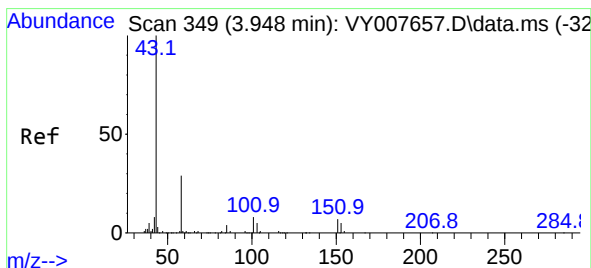
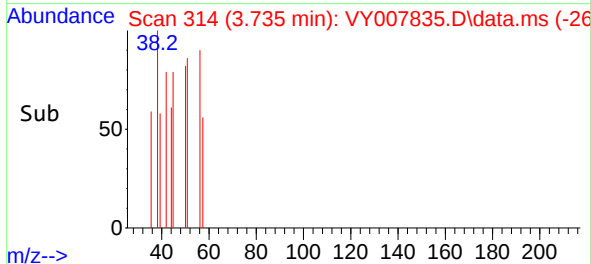
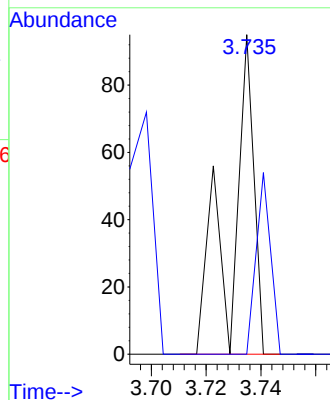
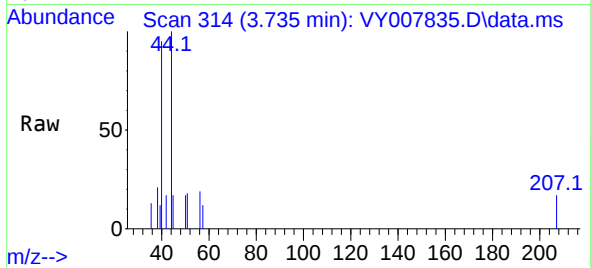




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

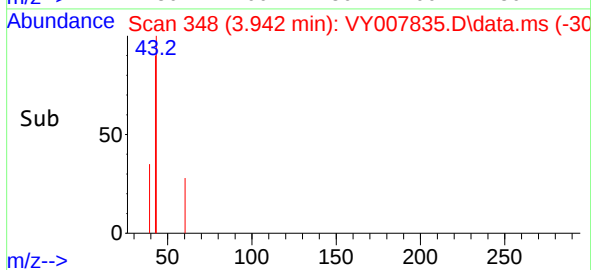
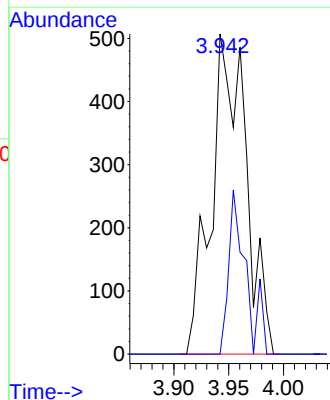
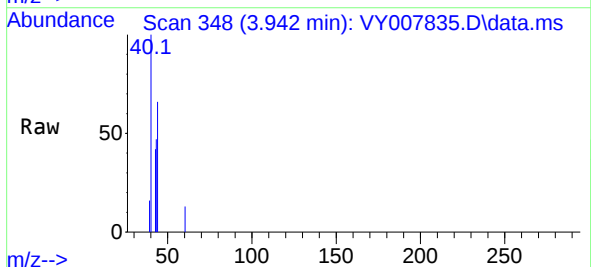
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

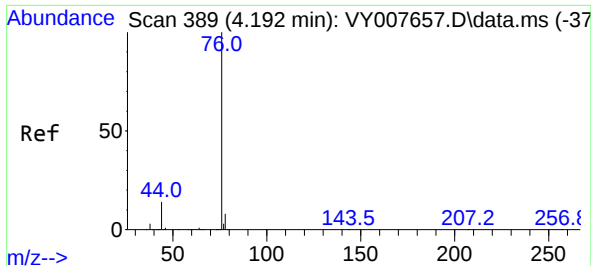
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 36.4 57.6 86.4#



#16
Acetone
Concen: 2.497 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

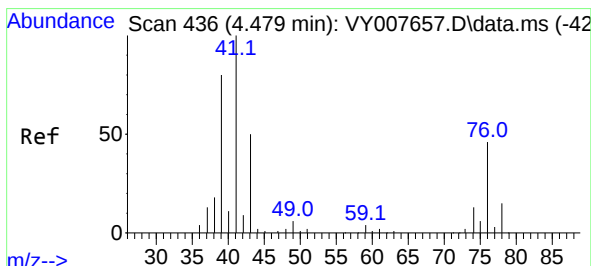
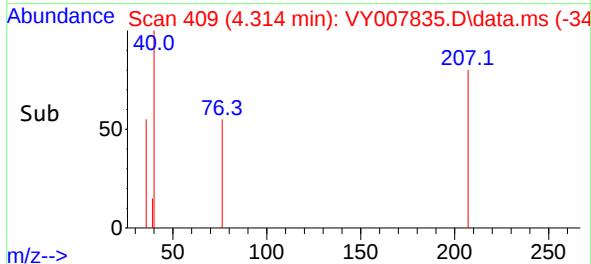
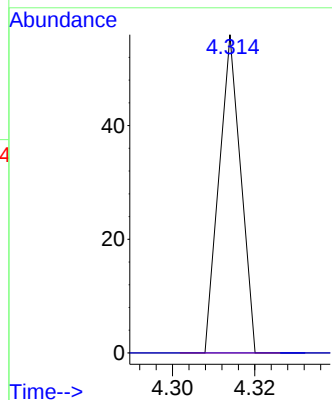
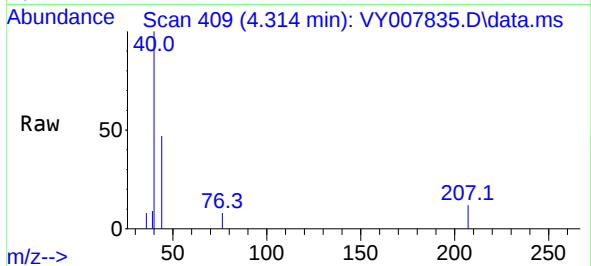




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.314 min Scan# 409
Delta R.T. 0.122 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

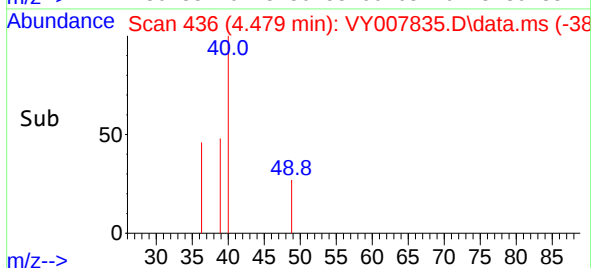
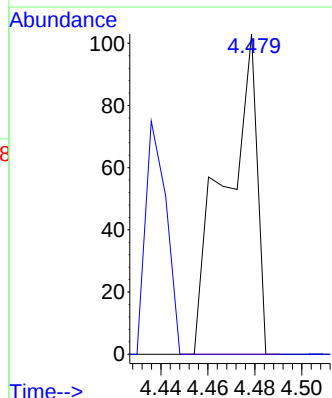
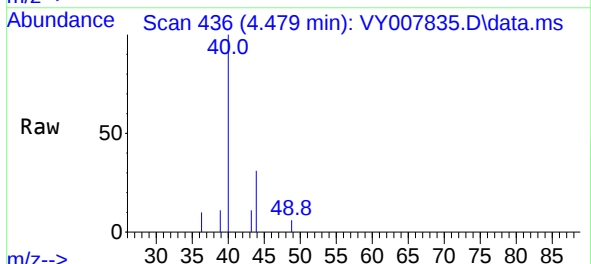
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

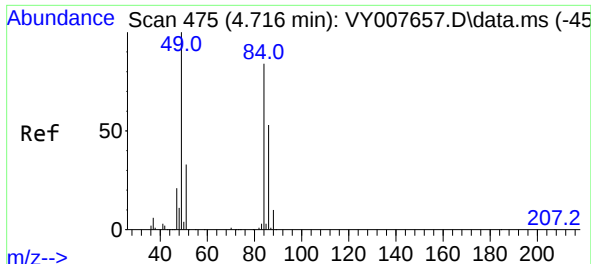
Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

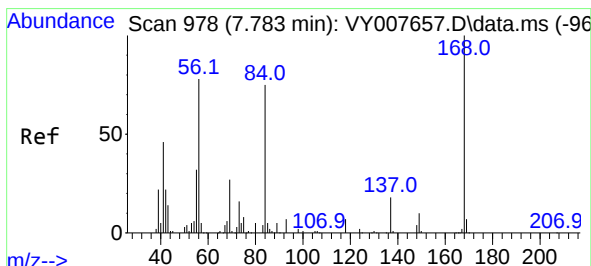
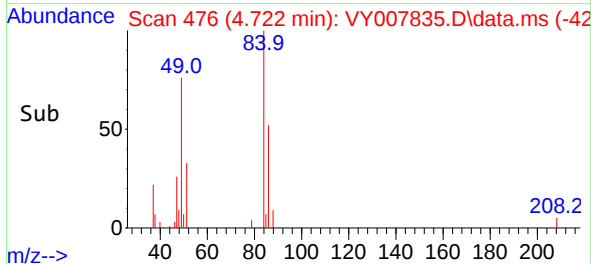
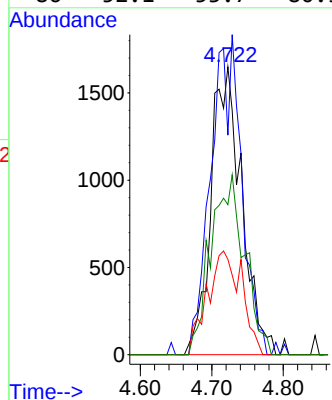
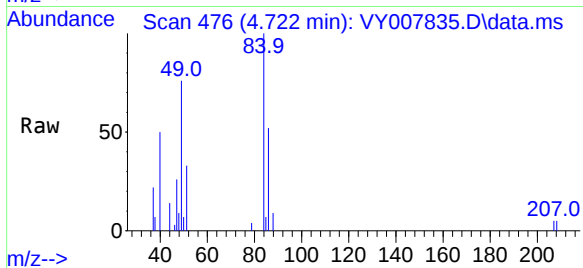




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

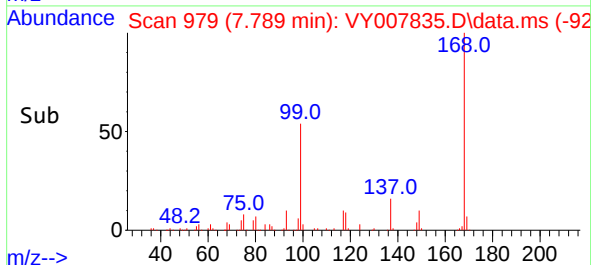
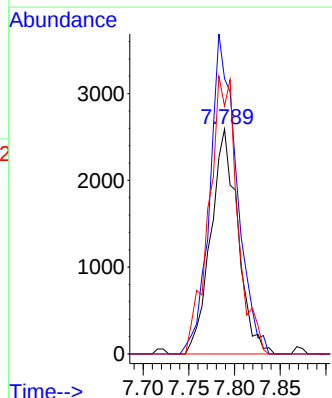
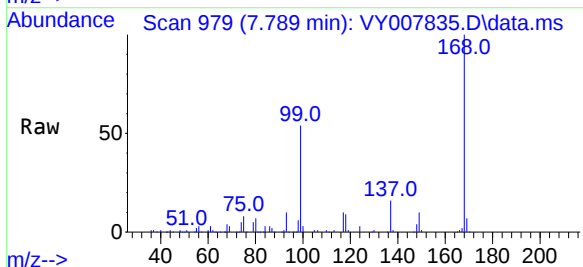
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

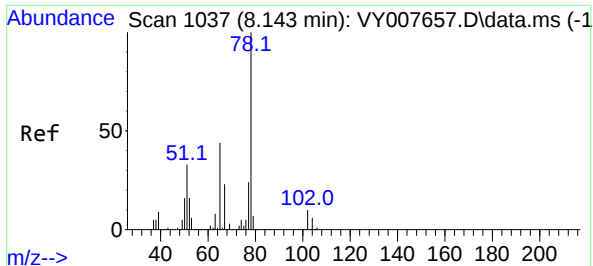
Tgt Ion:	84	Resp:	4941
Ion	Ratio	Lower	Upper
84	100		
49	76.2	114.4	171.6#
51	33.2	35.3	52.9#
86	52.1	53.7	80.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion:	56	Resp:	5326
Ion	Ratio	Lower	Upper
56	100		
69	122.5	26.7	40.1#
84	110.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.496 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007835.D

Acq: 10 Mar 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

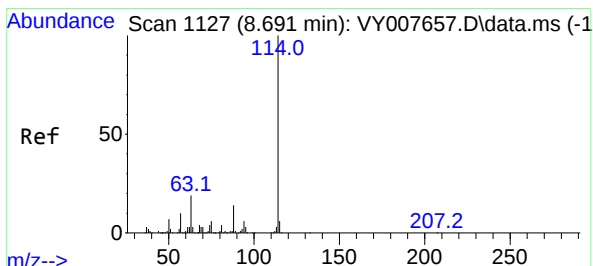
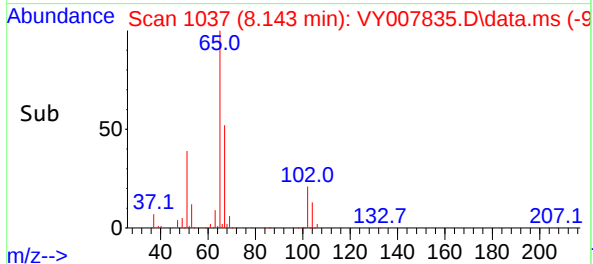
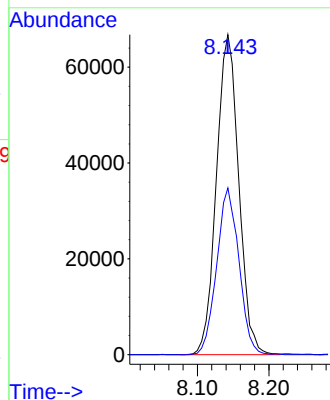
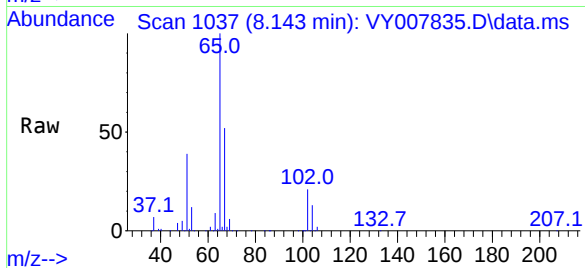
5-6-SAMPLE-LOCATION-3

Tgt Ion: 65 Resp: 144824

Ion Ratio Lower Upper

65 100

67 51.8 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: VY007835.D

Acq: 10 Mar 2022 19:06

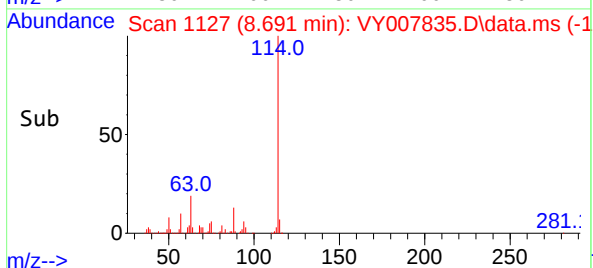
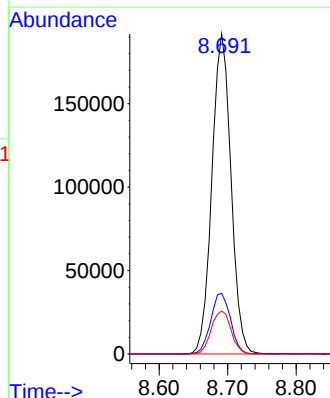
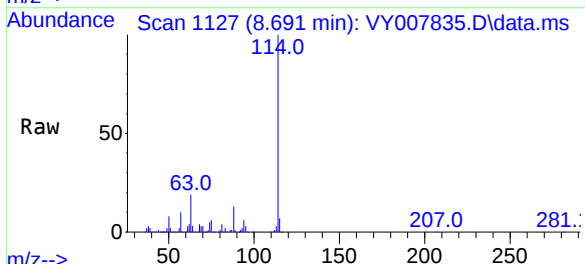
Tgt Ion:114 Resp: 371028

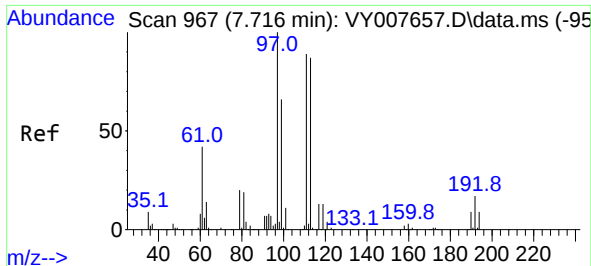
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.4 0.0 31.8

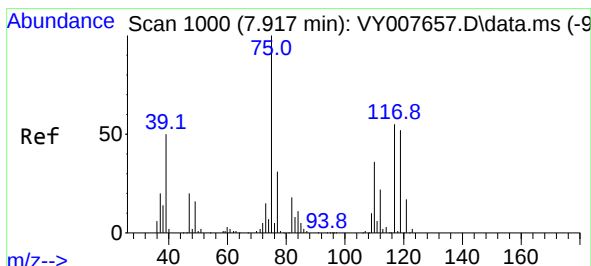
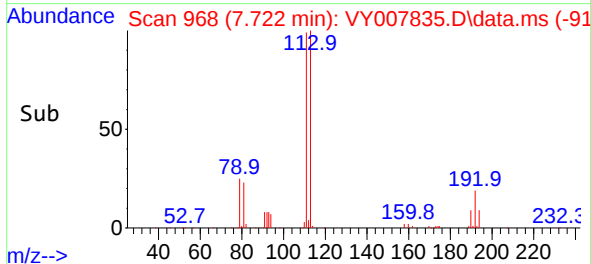
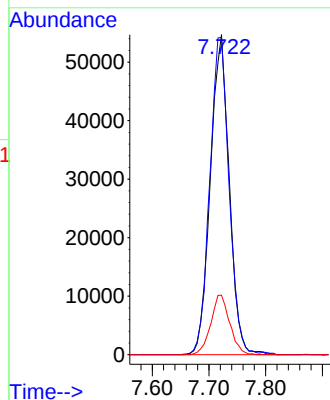
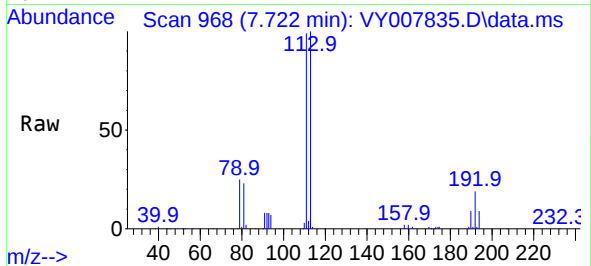




#35
Dibromofluoromethane
Concen: 53.258 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

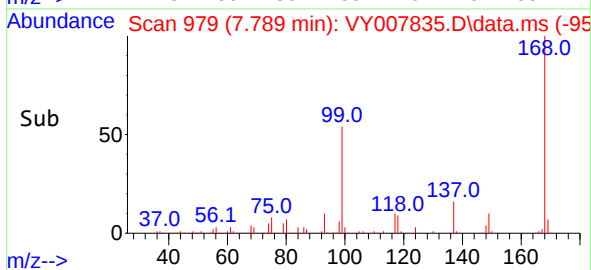
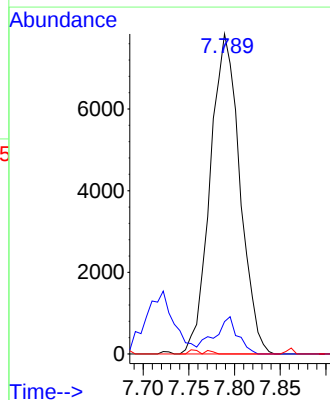
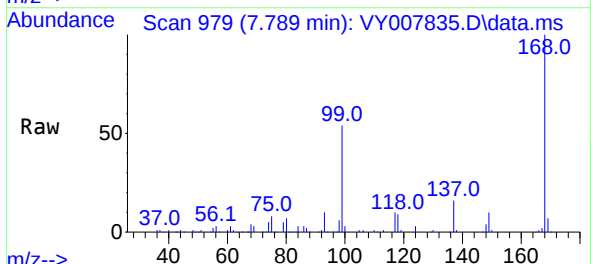
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

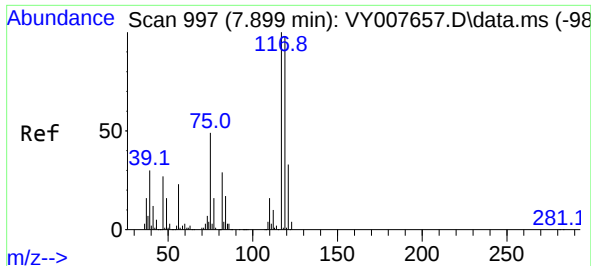
Tgt Ion:113 Resp: 126334
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 75 Resp: 17675
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

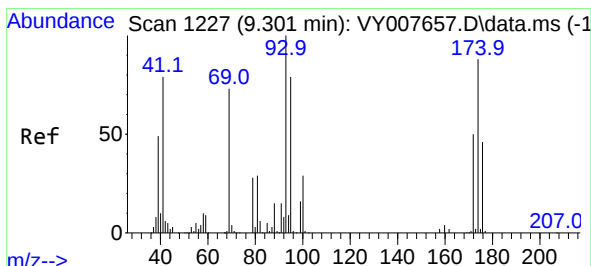
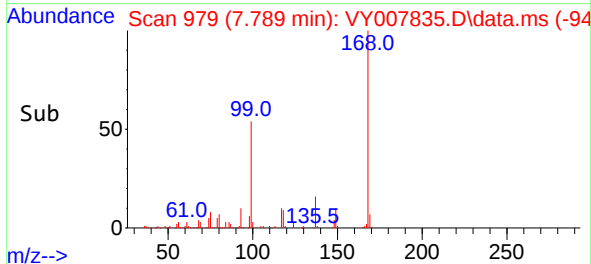
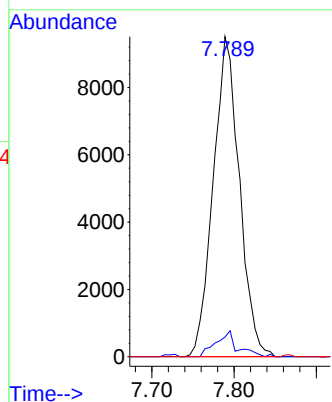
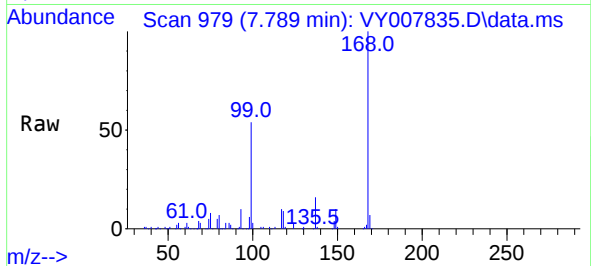




#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

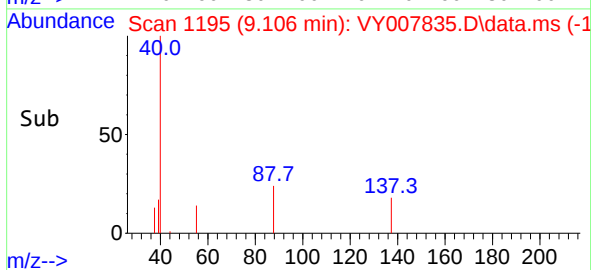
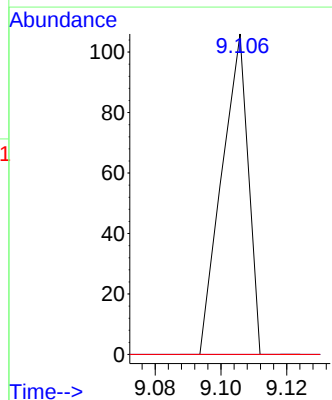
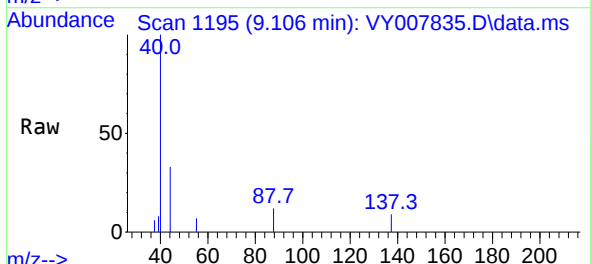
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

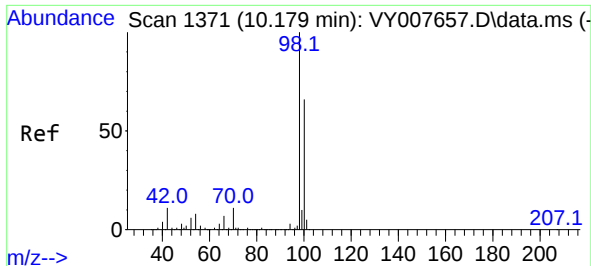
Tgt Ion: 117 Resp: 21008
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 3.032 ug/l
RT: 9.106 min Scan# 1195
Delta R.T. -0.195 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#

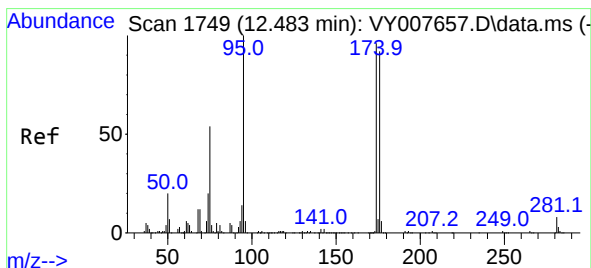
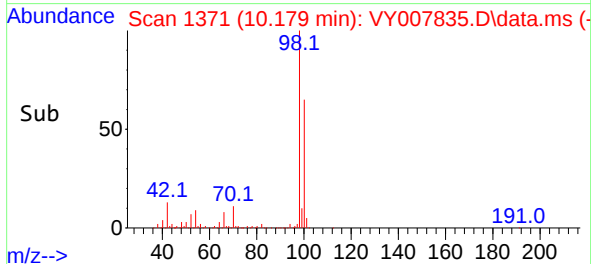
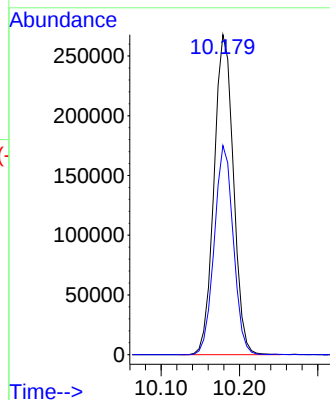
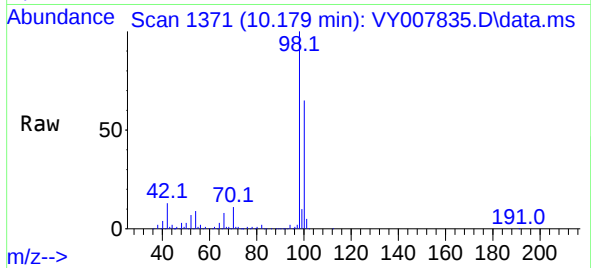




#50
Toluene-d8
Concen: 52.759 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

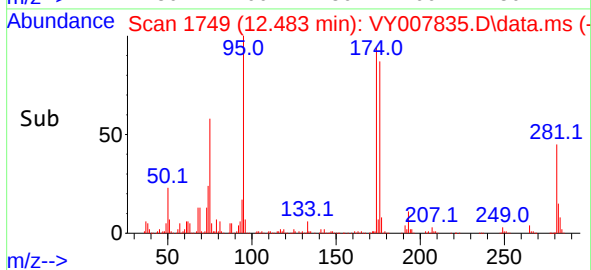
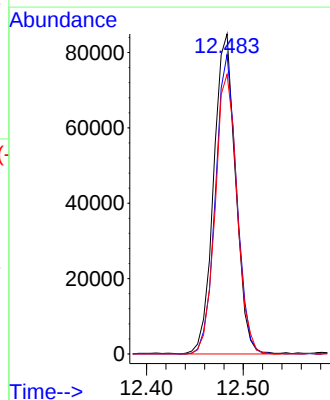
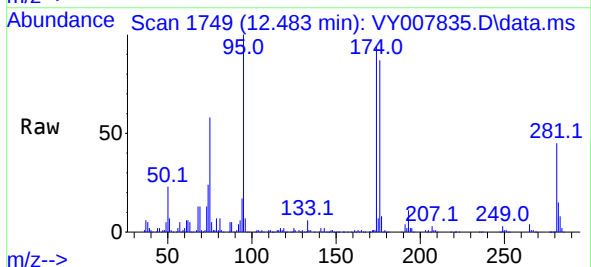
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

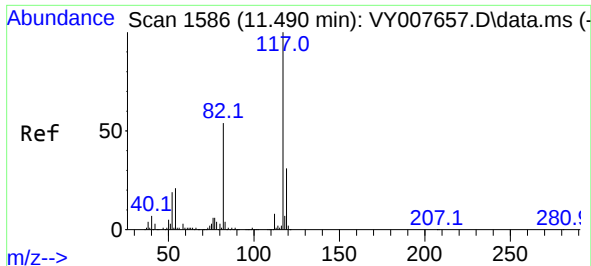
Tgt Ion: 98 Resp: 460684
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 95 Resp: 133348
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 87.2 0.0 175.8

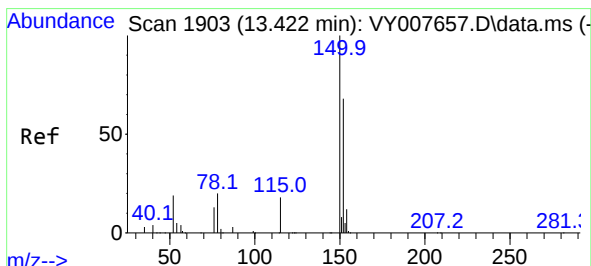
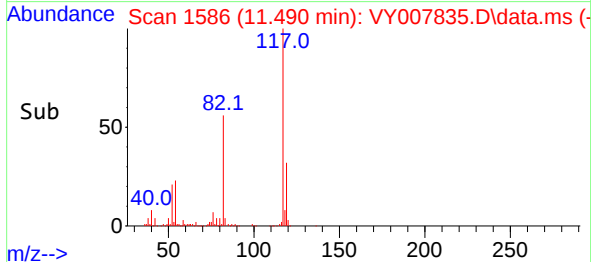
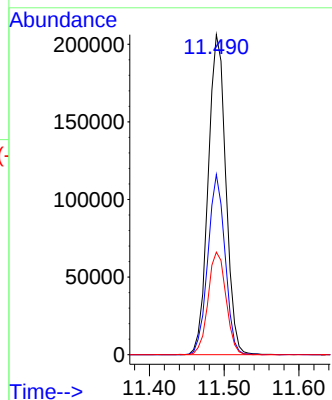
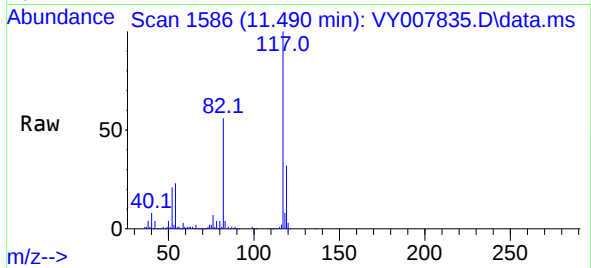




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

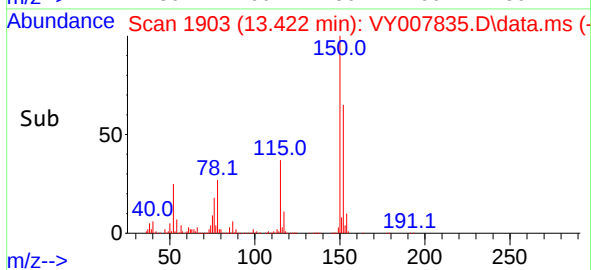
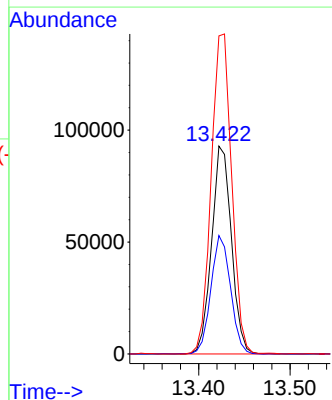
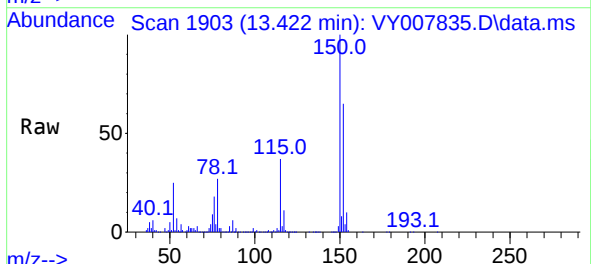
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

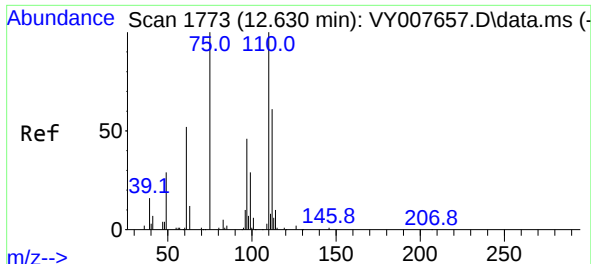
Tgt Ion:117 Resp: 337879
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion:152 Resp: 139848
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 159.1 0.0 347.6

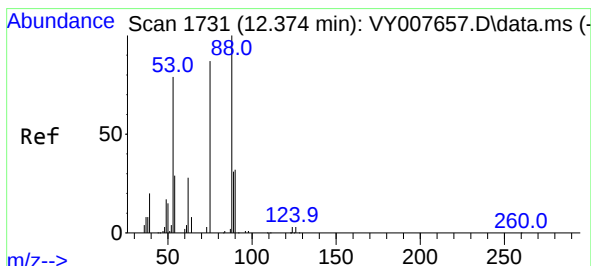
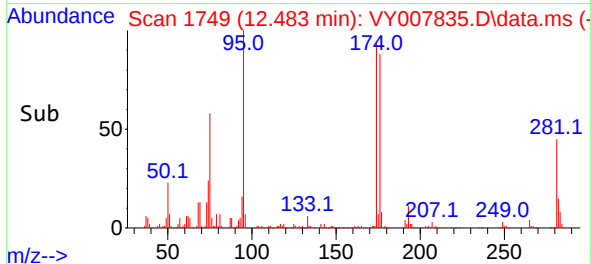
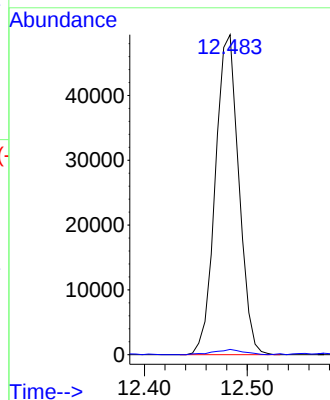
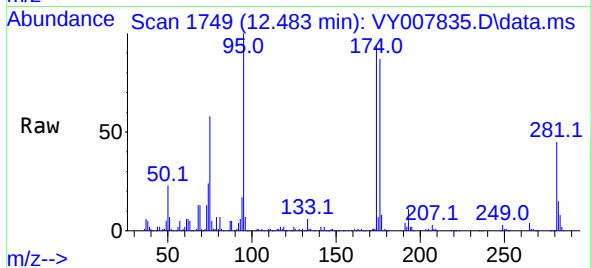




#76
1,2,3-Trichloropropane
Concen: 50.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

Tgt Ion: 75 Resp: 78140
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.286 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 75 Resp: 78140
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.1 37.0 55.4#

