

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007728.D
 Acq On : 04 Mar 2022 01:44
 Operator : SY/MD
 Sample : N1730-07
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13-14-SAMPLE-LOCATION-7

Quant Time: Mar 04 07:31:09 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)

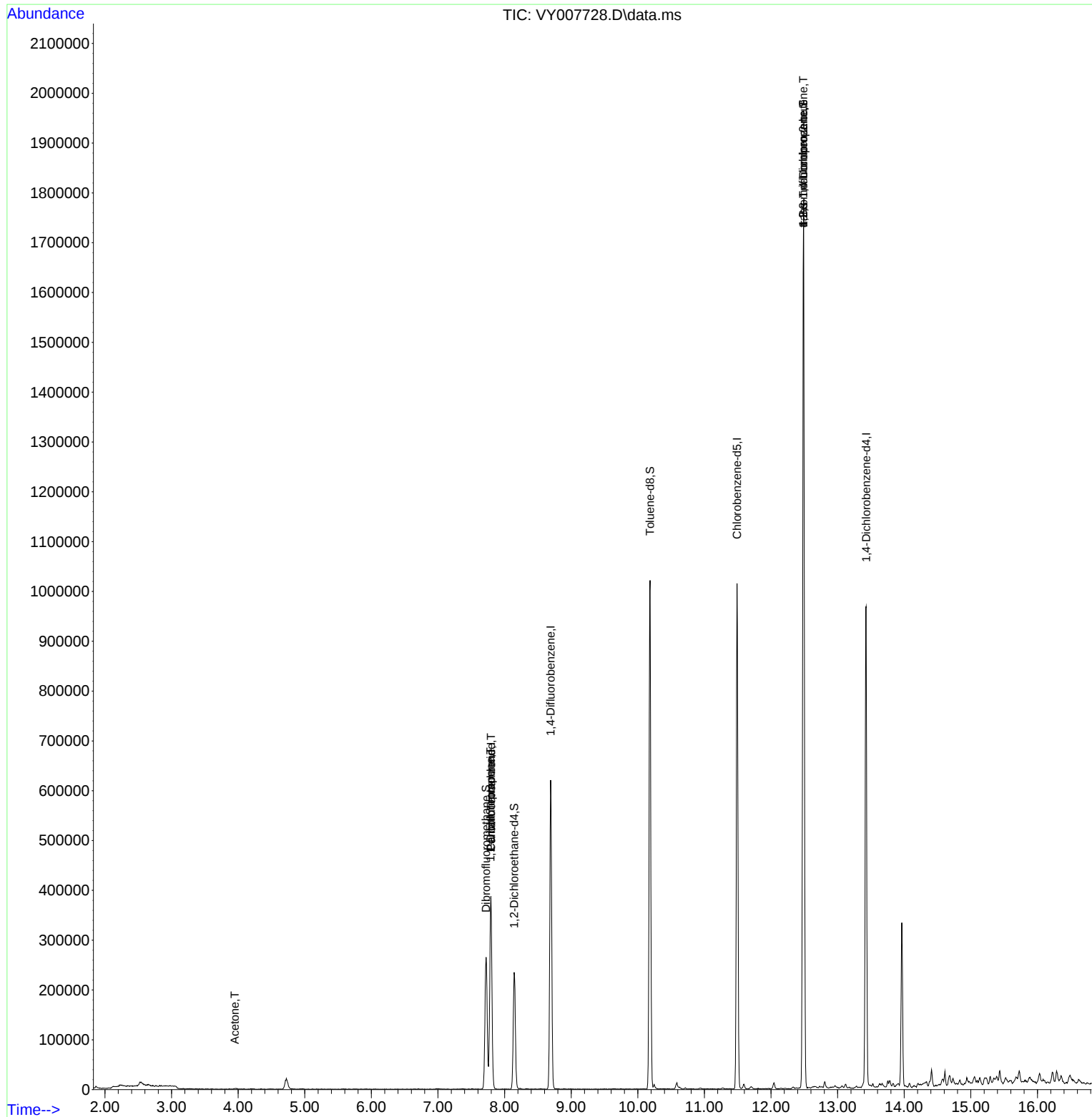
Internal Standards						
1) Pentafluorobenzene	7.795	168	313830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	547621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	550399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	252597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	181127	55.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.260%	
35) Dibromofluoromethane	7.722	113	183699	52.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.185	98	677372	52.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	12.483	95	232413	55.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.900%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	101	Below Cal	#	43
3) Chloromethane	2.113	50	1243	Below Cal	#	83
13) Acrolein	3.753	56	154	Below Cal	#	14
16) Acetone	3.948	43	2326	3.480	ug/l #	78
17) Carbon Disulfide	4.210	76	914	Below Cal	#	75
18) Methyl Acetate	4.491	43	987	Below Cal	#	56
31) Cyclohexane	7.795	56	6513	Below Cal	#	15
36) 1,1-Dichloropropene	7.789	75	21941	3.984	ug/l #	52
38) Carbon Tetrachloride	7.795	117	29246	4.978	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	138477	49.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	138477	100.357	ug/l #	8

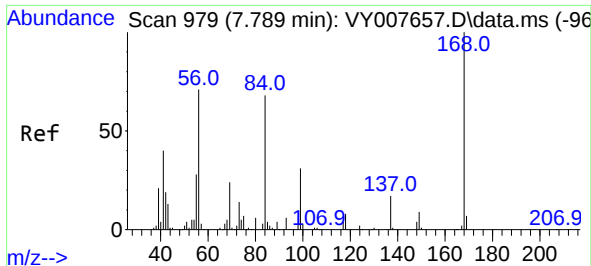
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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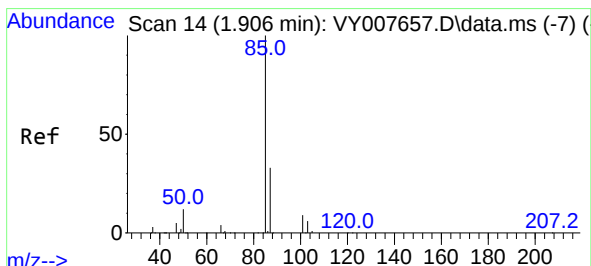
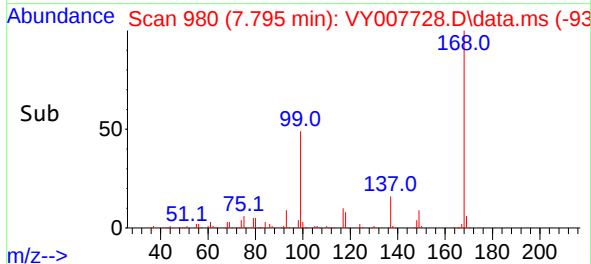
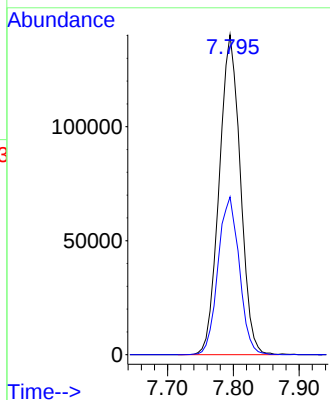
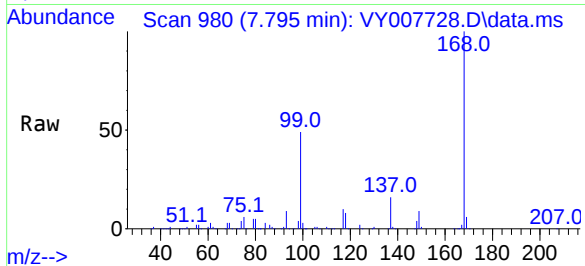




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

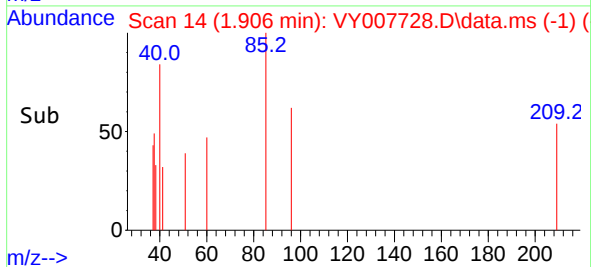
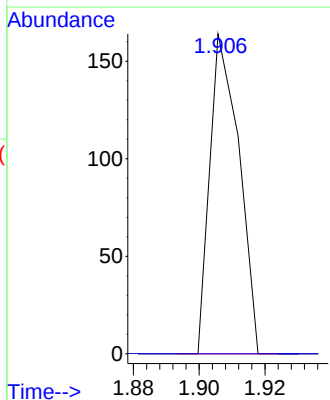
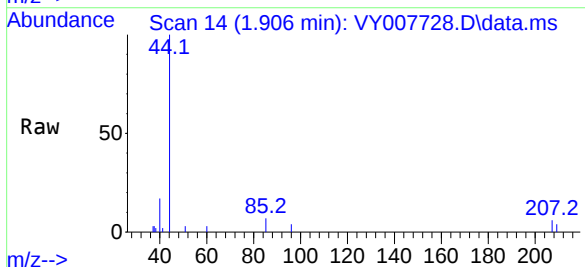
Instrument :
MSVOA_Y
ClientSampleId :
13-14-SAMPLE-LOCATION-7

Tgt Ion:168 Resp: 313830
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3

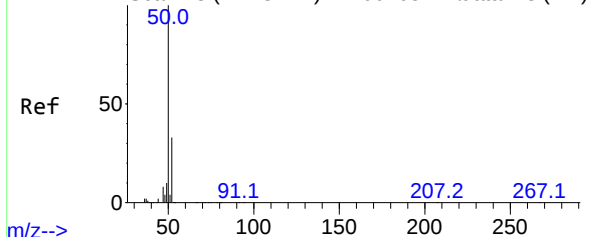


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

Tgt Ion: 85 Resp: 101
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: VY007728.D

Acq: 04 Mar 2022 01:44

Instrument :

MSVOA_Y

ClientSampleId :

13-14-SAMPLE-LOCATION-7

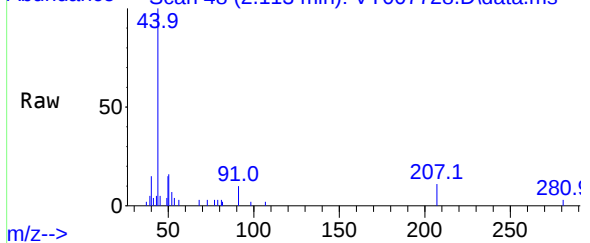
Tgt Ion: 50 Resp: 1243

Ion Ratio Lower Upper

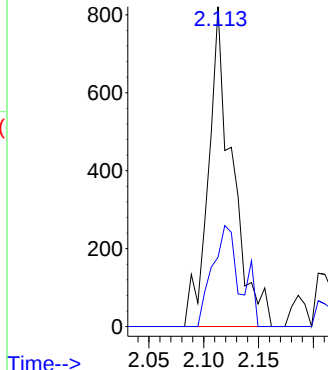
50 100

52 21.7 24.6 37.0#

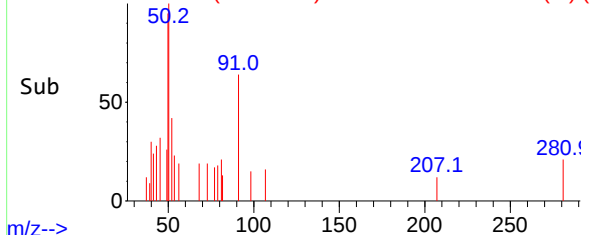
Abundance Scan 48 (2.113 min): VY007728.D\data.ms



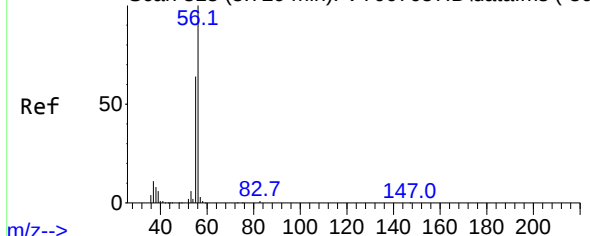
Abundance



Abundance Scan 48 (2.113 min): VY007728.D\data.ms (-1)



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.753 min Scan# 317

Delta R.T. 0.024 min

Lab File: VY007728.D

Acq: 04 Mar 2022 01:44

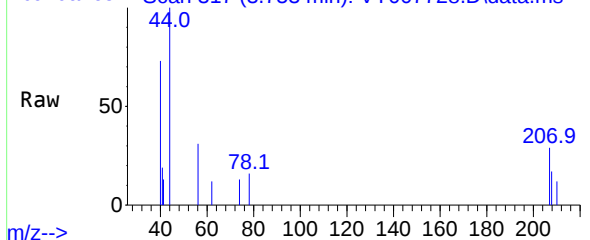
Tgt Ion: 56 Resp: 154

Ion Ratio Lower Upper

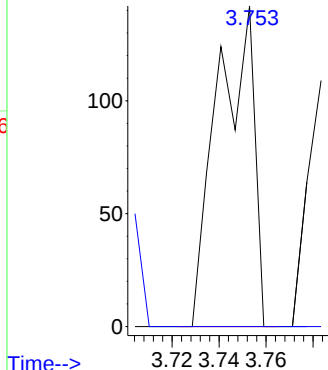
56 100

55 0.0 57.6 86.4#

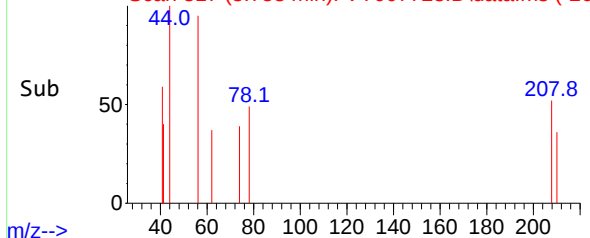
Abundance Scan 317 (3.753 min): VY007728.D\data.ms

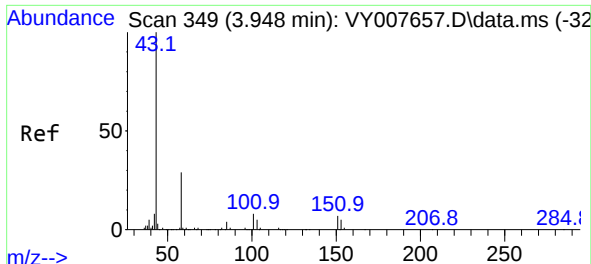


Abundance



Abundance Scan 317 (3.753 min): VY007728.D\data.ms (-26)

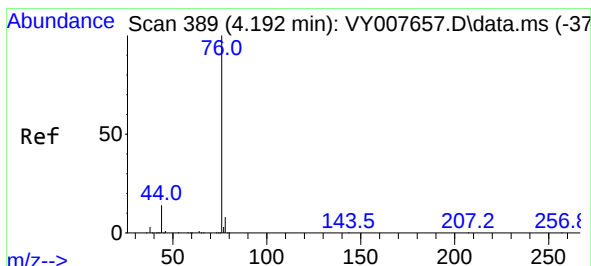
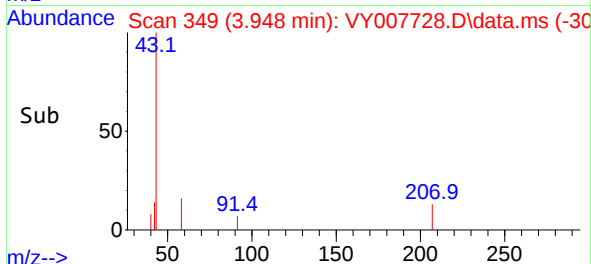
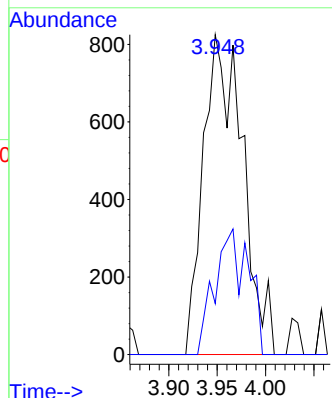
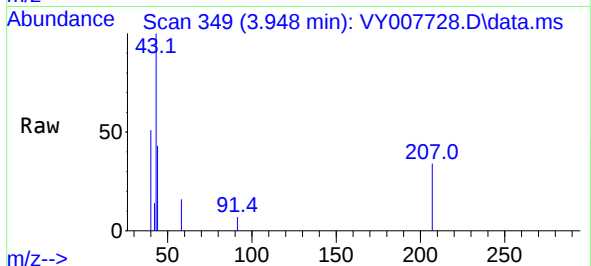




#16
Acetone
Concen: 3.480 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

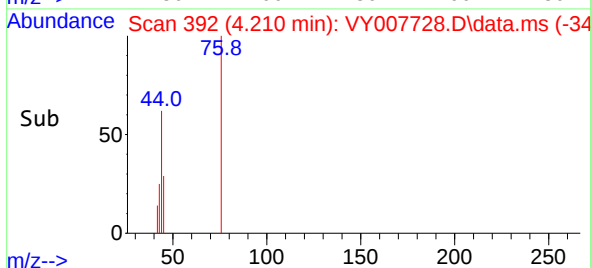
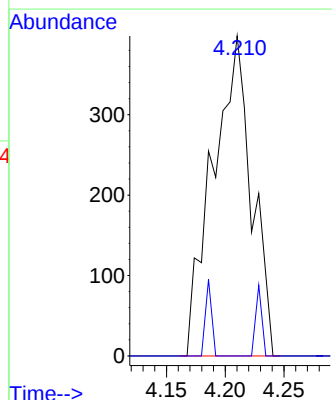
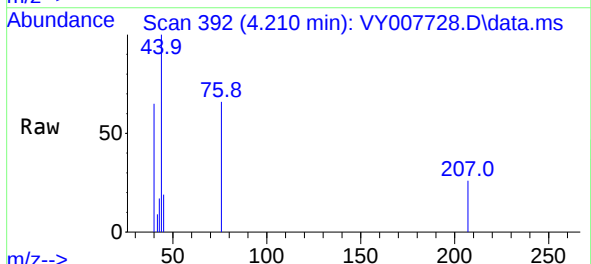
Instrument :
MSVOA_Y
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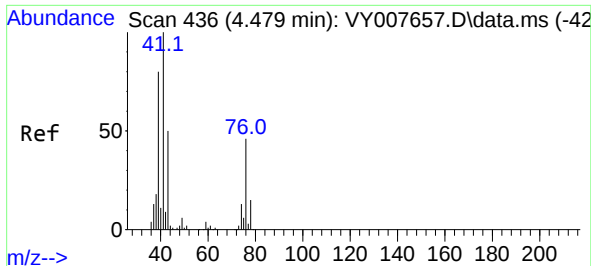
Tgt Ion: 43 Resp: 2326
Ion Ratio Lower Upper
43 100
58 16.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

Tgt Ion: 76 Resp: 914
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

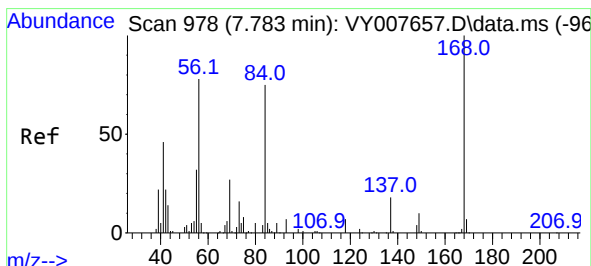
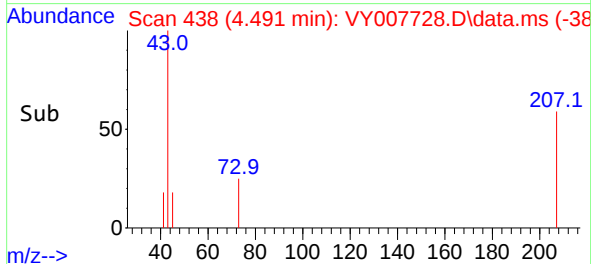
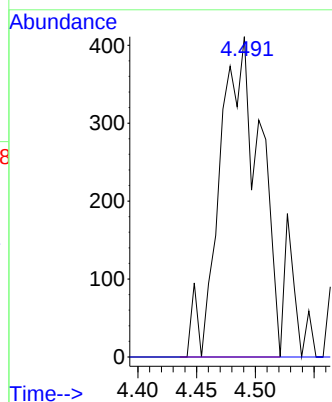
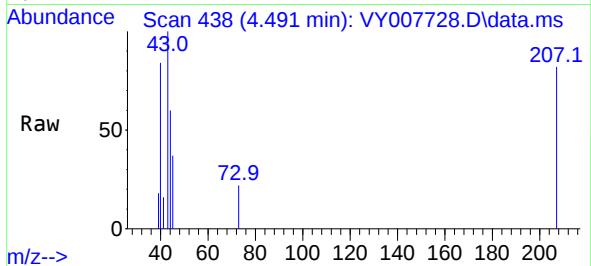




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

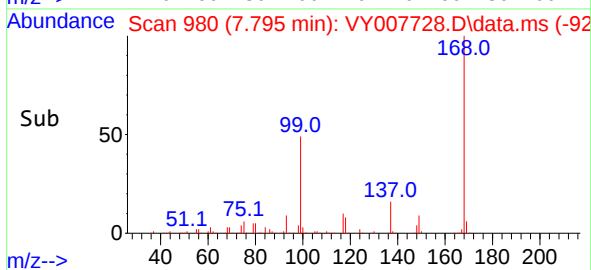
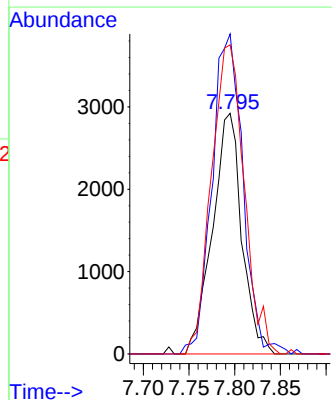
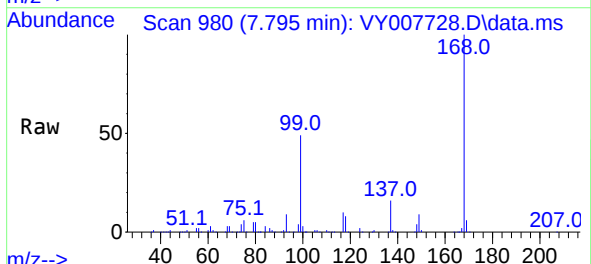
Instrument :
MSVOA_Y
ClientSampleId :
13-14-SAMPLE-LOCATION-7

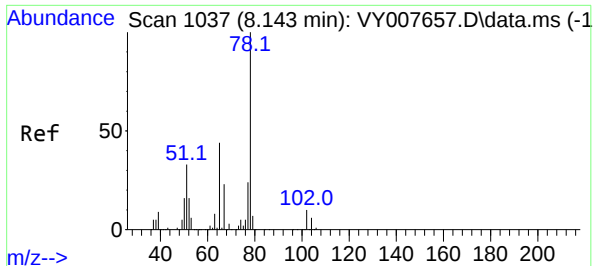
Tgt Ion: 43 Resp: 987
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

Tgt Ion: 56 Resp: 6513
Ion Ratio Lower Upper
56 100
69 133.0 26.7 40.1#
84 128.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.129 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007728.D

Acq: 04 Mar 2022 01:44

Instrument :

MSVOA_Y

ClientSampleId :

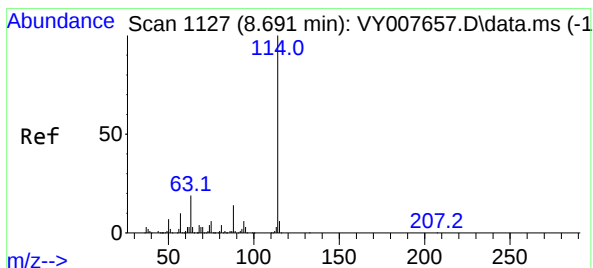
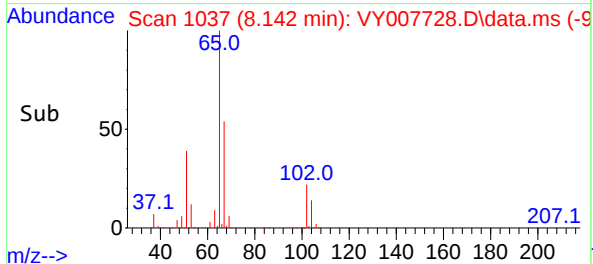
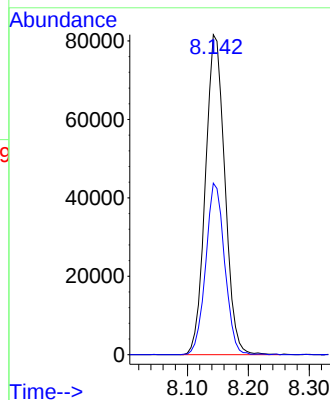
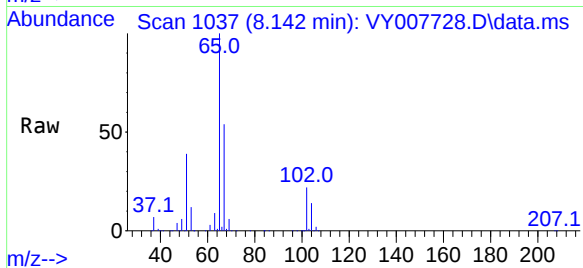
13-14-SAMPLE-LOCATION-7

Tgt Ion: 65 Resp: 181127

Ion Ratio Lower Upper

65 100

67 52.1 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: VY007728.D

Acq: 04 Mar 2022 01:44

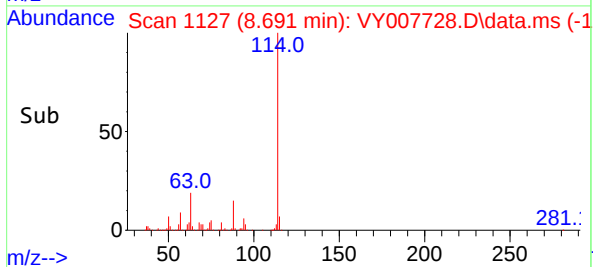
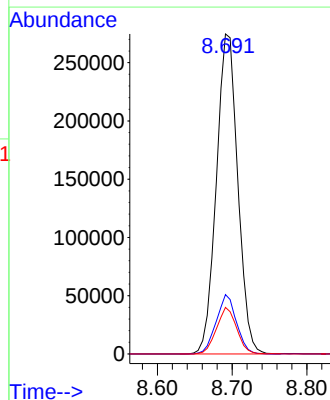
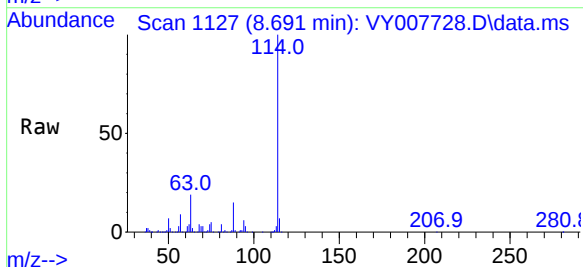
Tgt Ion: 114 Resp: 547621

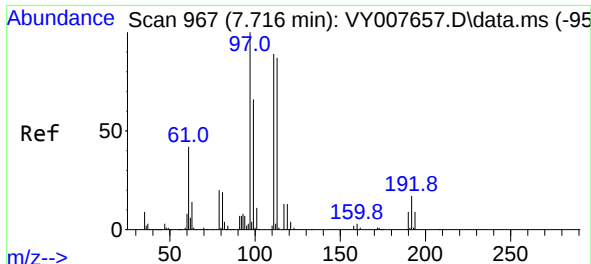
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.469 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY007728.D

Acq: 04 Mar 2022 01:44

Instrument :

MSVOA_Y

ClientSampleId :

13-14-SAMPLE-LOCATION-7

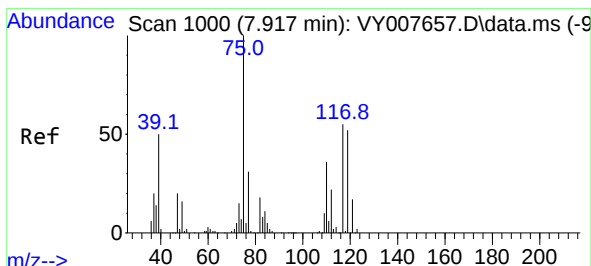
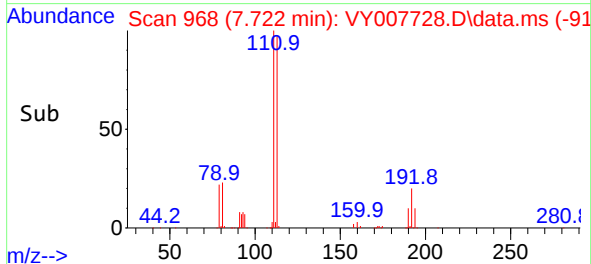
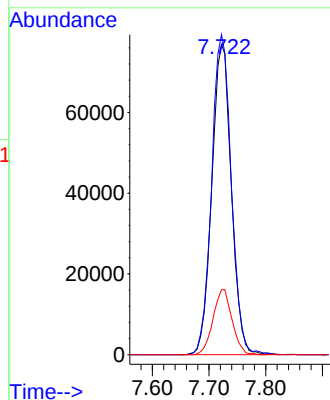
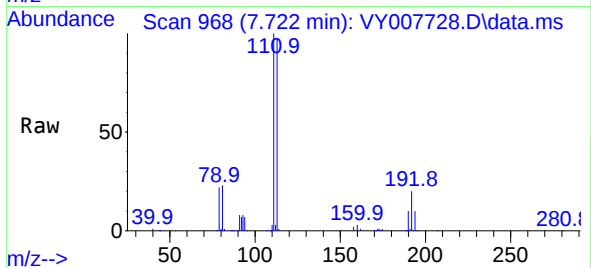
Tgt Ion:113 Resp: 183699

Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 20.5 17.6 26.4



#36

1,1-Dichloropropene

Concen: 3.984 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY007728.D

Acq: 04 Mar 2022 01:44

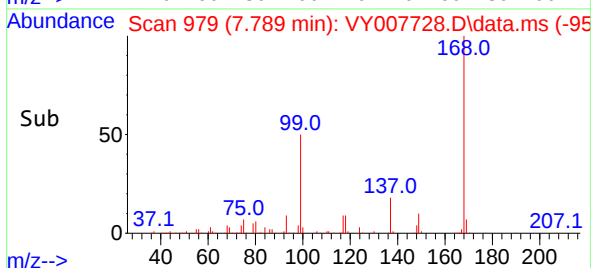
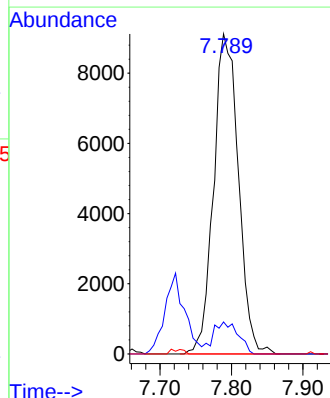
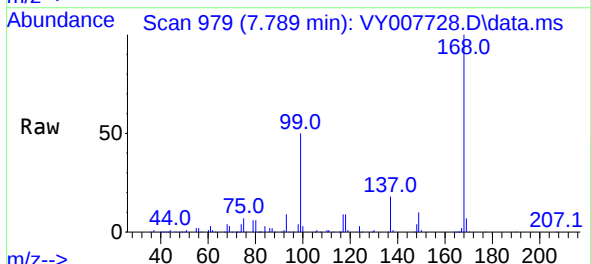
Tgt Ion: 75 Resp: 21941

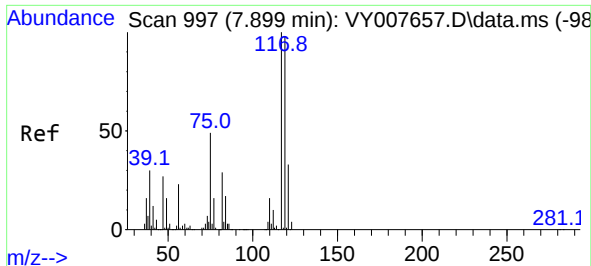
Ion Ratio Lower Upper

75 100

110 10.2 17.1 51.2#

77 0.0 24.4 36.6#

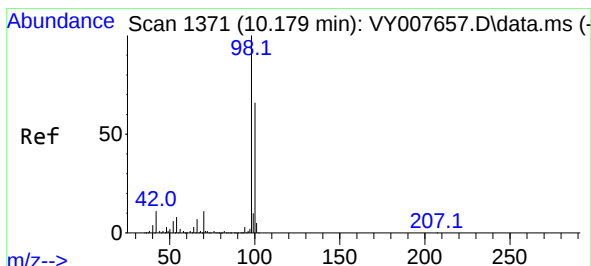
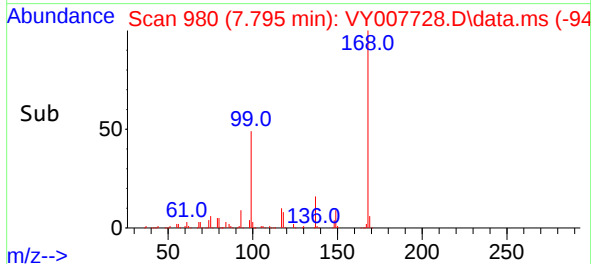
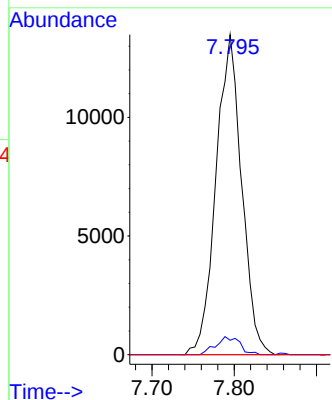
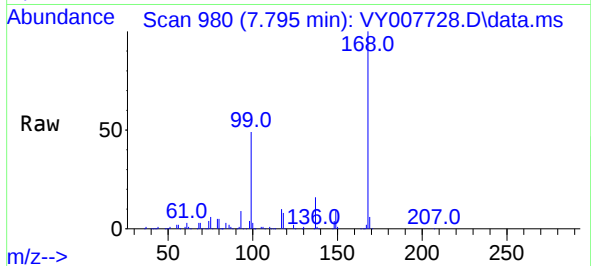




#38
Carbon Tetrachloride
Concen: 4.978 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

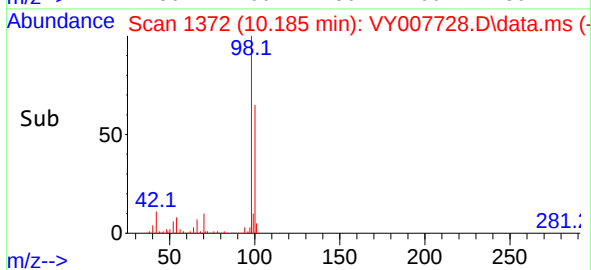
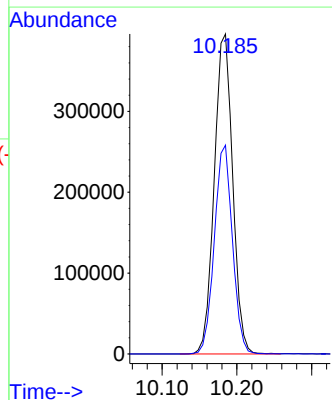
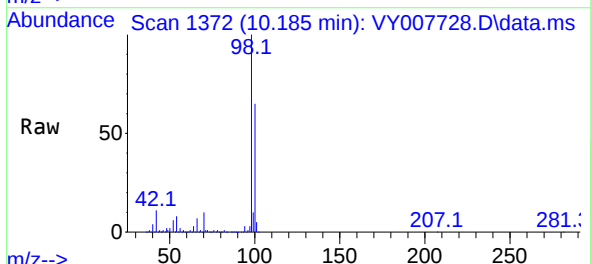
Instrument :
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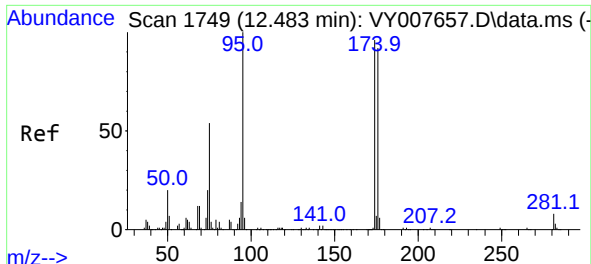
Tgt Ion:117 Resp: 29246
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.559 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

Tgt Ion: 98 Resp: 677372
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

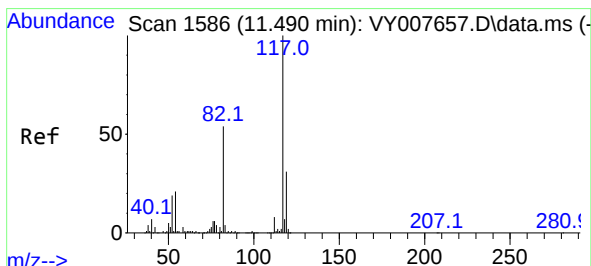
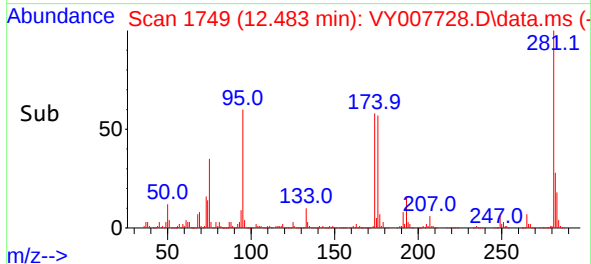
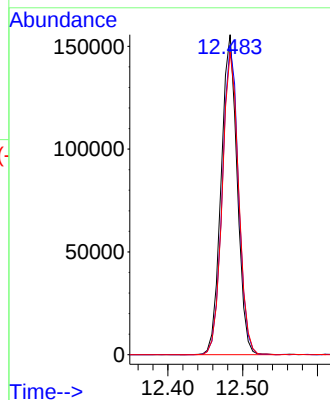
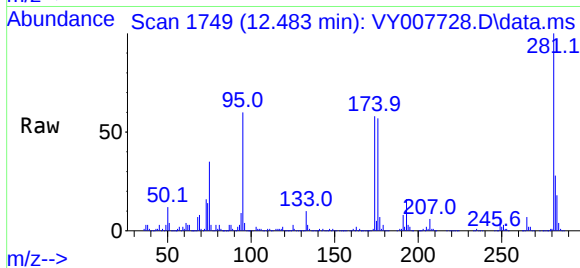




#62
4-Bromofluorobenzene
Concen: 55.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

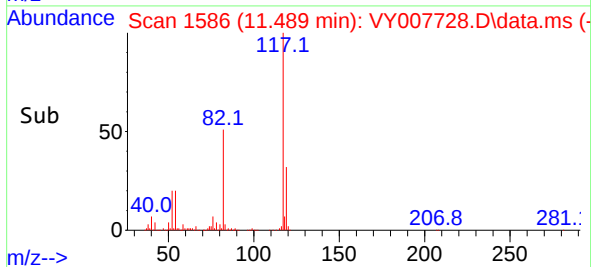
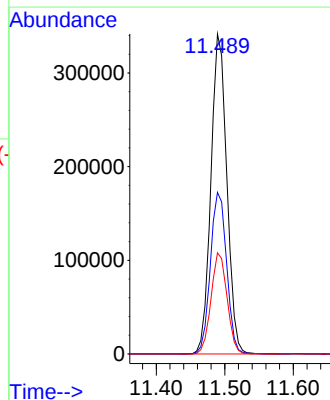
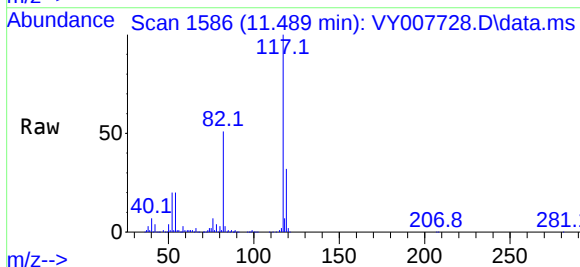
Instrument :
MSVOA_Y
ClientSampleId :
13-14-SAMPLE-LOCATION-7

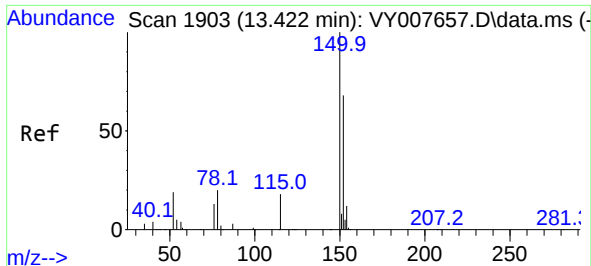
Tgt Ion: 95 Resp: 232413
Ion Ratio Lower Upper
95 100
174 97.5 0.0 177.0
176 96.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007728.D
Acq: 04 Mar 2022 01:44

Tgt Ion: 117 Resp: 550399
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 31.6 25.4 38.0

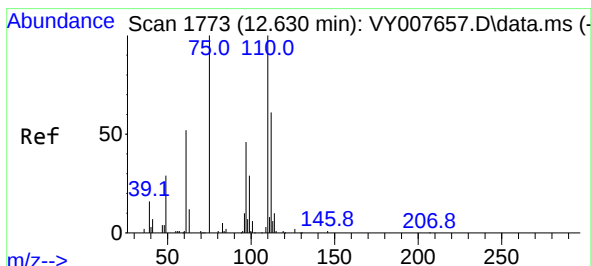
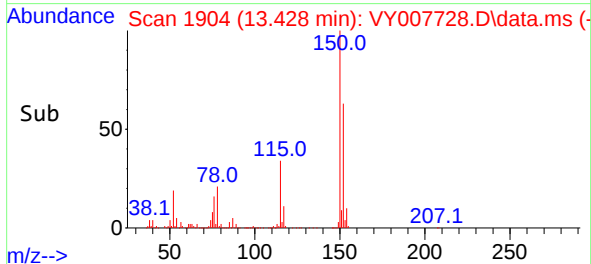
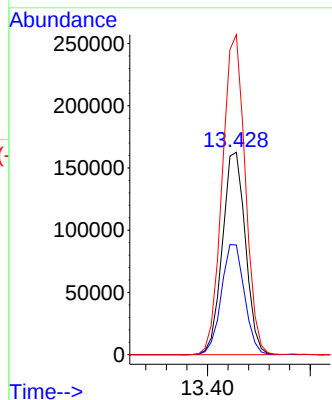
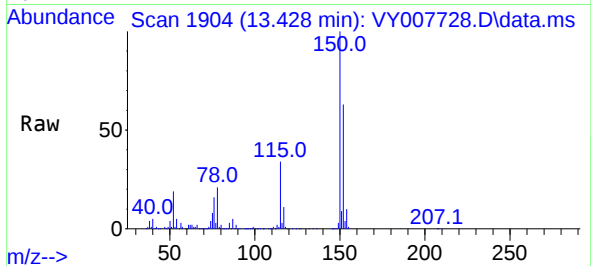




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007728.D
 Acq: 04 Mar 2022 01:44

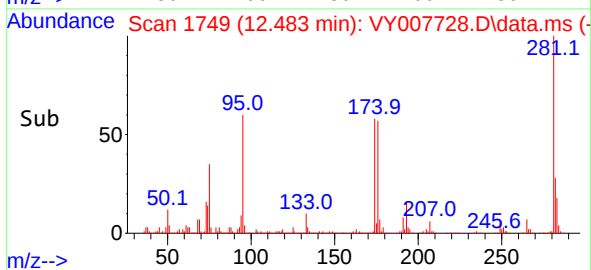
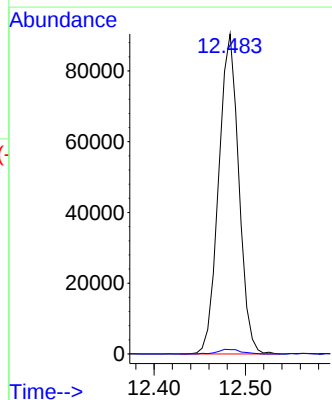
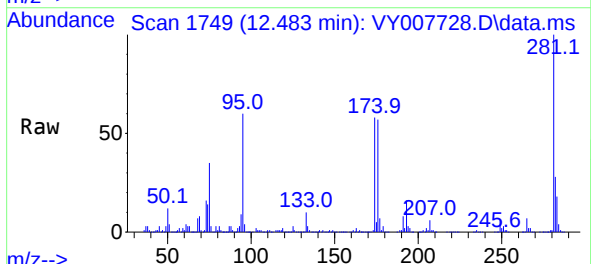
Instrument :
 MSVOA_Y
 ClientSampleId :
 13-14-SAMPLE-LOCATION-7

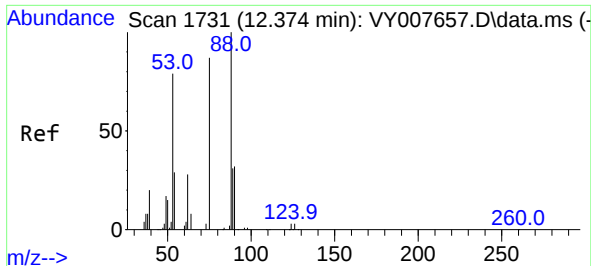
Tgt Ion:152 Resp: 252597
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.089 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007728.D
 Acq: 04 Mar 2022 01:44

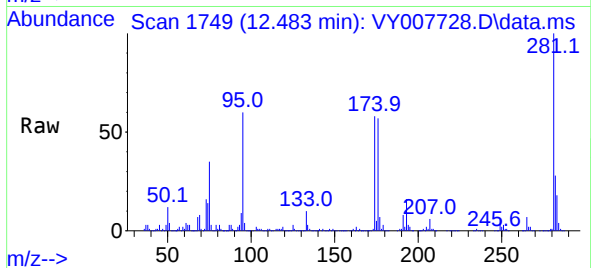
Tgt Ion: 75 Resp: 138477
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.357 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007728.D
 Acq: 04 Mar 2022 01:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 13-14-SAMPLE-LOCATION-7



Tgt Ion: 75 Resp: 138477
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 1.8 37.0 55.4#

