

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007735.D
 Acq On : 04 Mar 2022 04:28
 Operator : SY/MD
 Sample : N1730-14
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Quant Time: Mar 04 07:32:36 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)

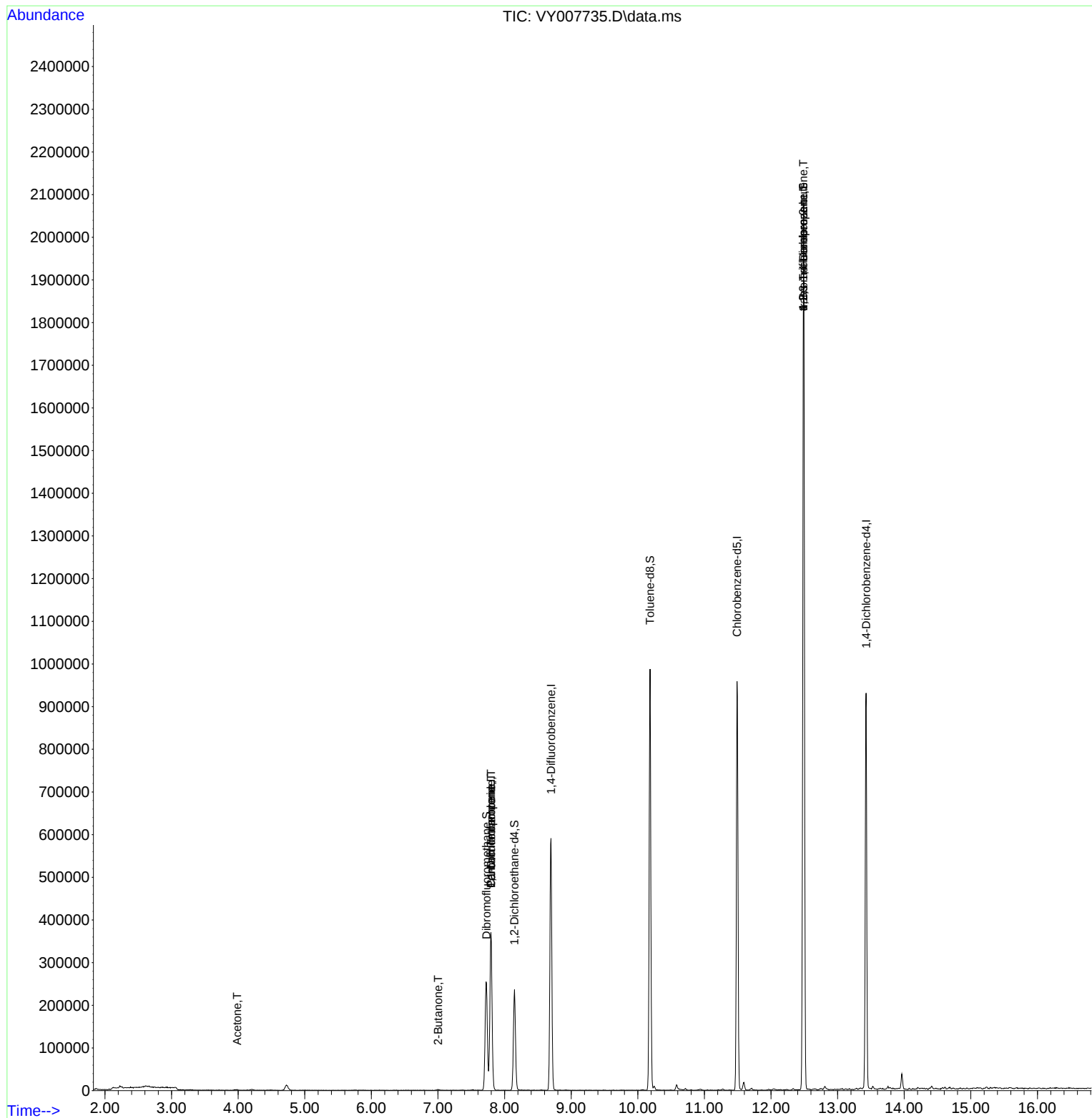
Internal Standards						
1) Pentafluorobenzene	7.795	168	299880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	520290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	531579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	176819	56.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.728	113	178675	53.715	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.420%	
50) Toluene-d8	10.185	98	648202	52.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.483	95	224456	56.868	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	95	Below Cal	#	43
3) Chloromethane	2.119	50	1026	Below Cal	#	54
13) Acrolein	3.735	56	59	Below Cal	#	66
16) Acetone	3.985	43	2930	4.588	ug/l #	89
17) Carbon Disulfide	4.204	76	4243	Below Cal	#	78
18) Methyl Acetate	4.503	43	990	Below Cal	#	77
20) Methylene Chloride	4.722	84	9327	Below Cal	#	74
25) 2-Butanone	7.002	43	2056	1.919	ug/l #	90
31) Cyclohexane	7.789	56	6098	Below Cal	#	28
36) 1,1-Dichloropropene	7.795	75	21859	4.177	ug/l #	51
38) Carbon Tetrachloride	7.795	117	28864	5.171	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	133752	50.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	133752	102.682	ug/l #	8

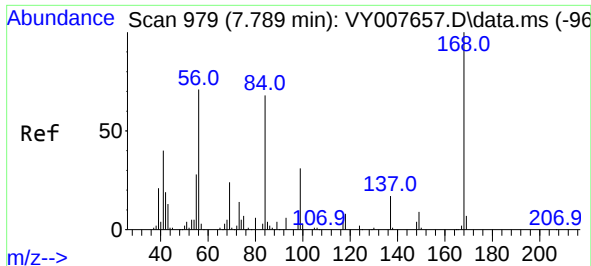
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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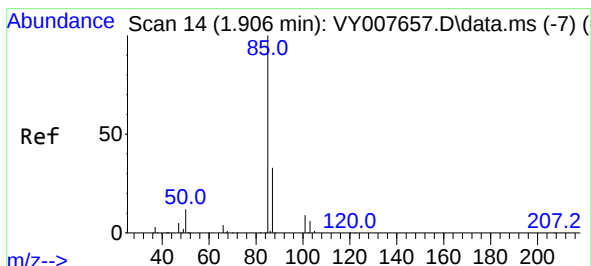
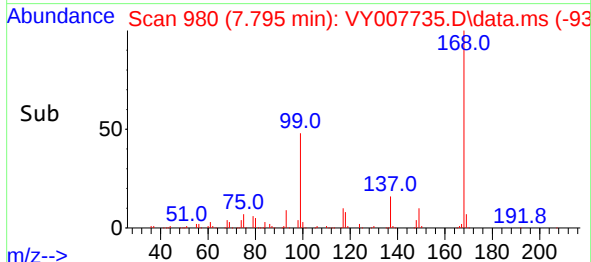
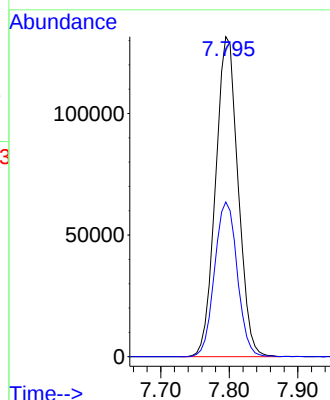
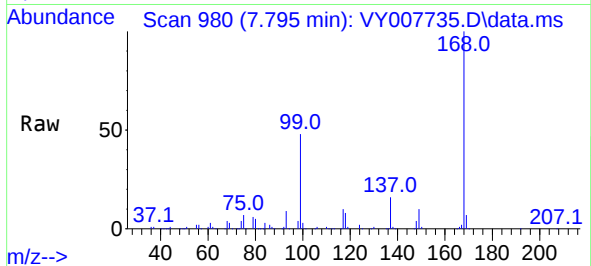




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

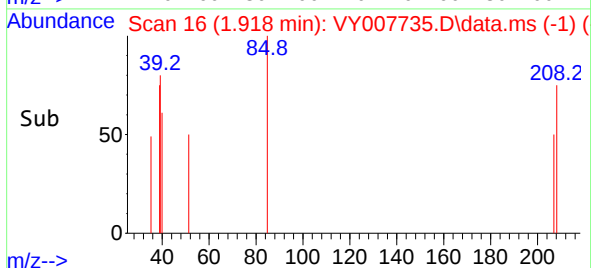
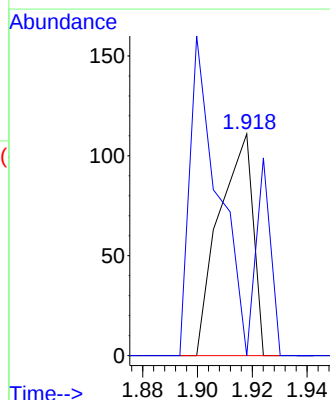
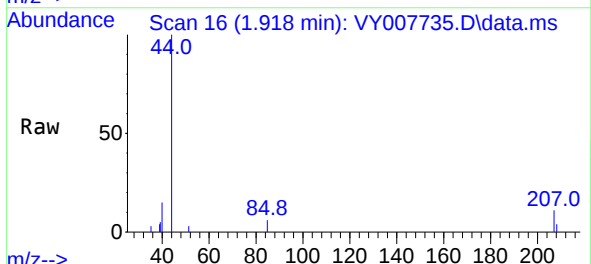
Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

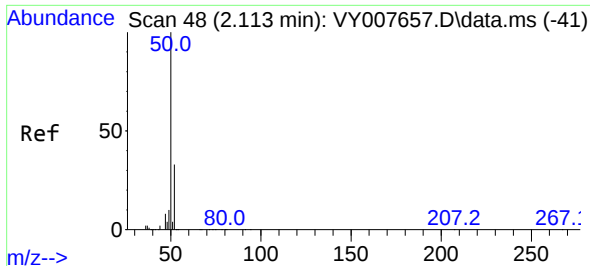
Tgt Ion:168 Resp: 299880
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 85 Resp: 95
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

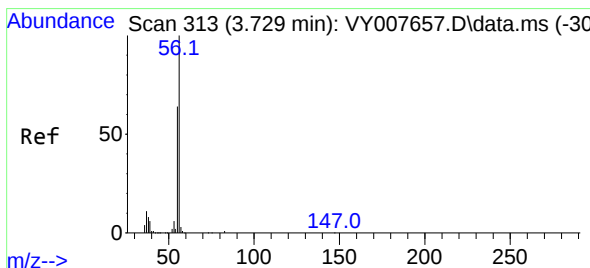
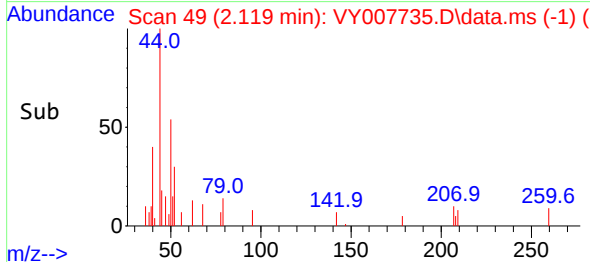
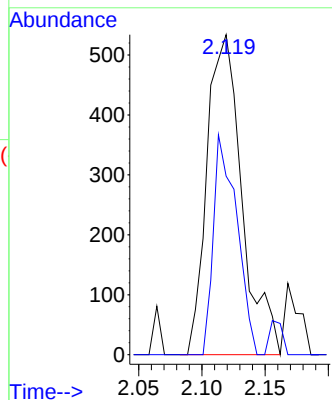
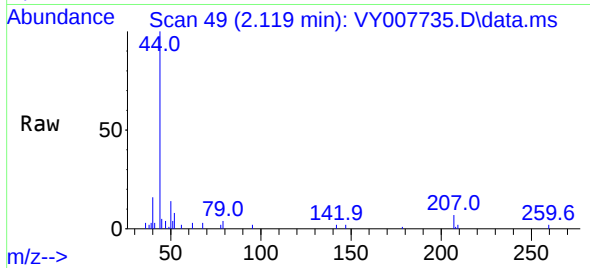




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

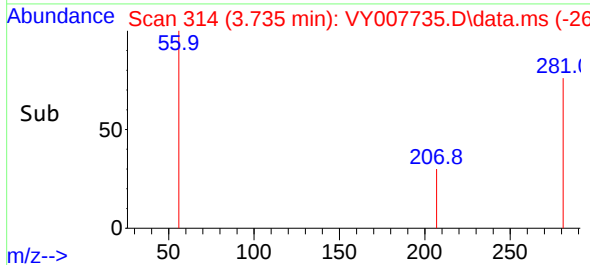
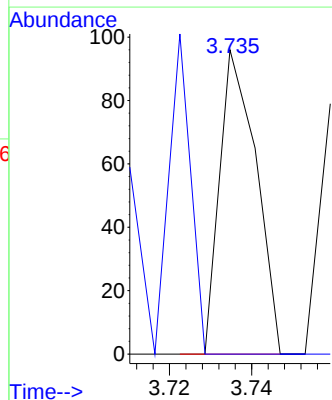
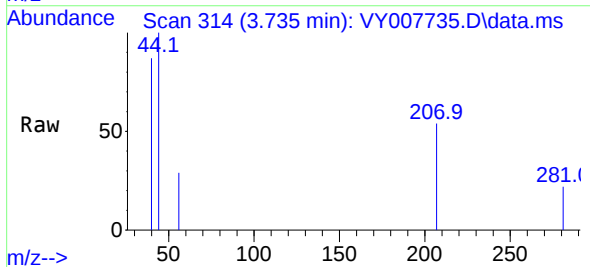
Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

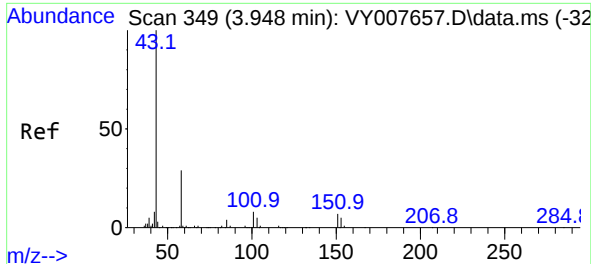
Tgt Ion: 50 Resp: 1026
Ion Ratio Lower Upper
50 100
52 55.8 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 100.0 57.6 86.4#





#16

Acetone

Concen: 4.588 ug/l

RT: 3.985 min Scan# 31

Delta R.T. 0.037 min

Lab File: VY007735.D

Acq: 04 Mar 2022 04:28

Instrument :

MSVOA_Y

ClientSampleId :

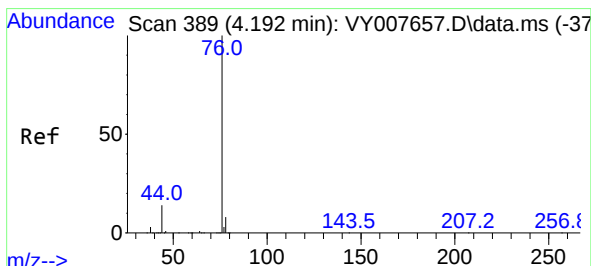
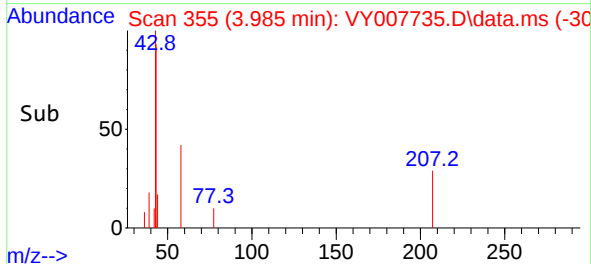
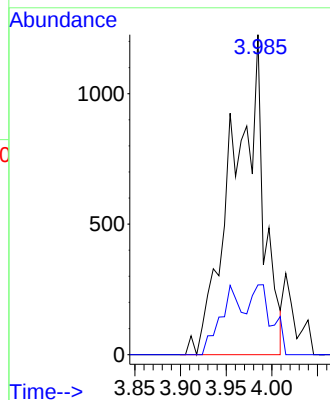
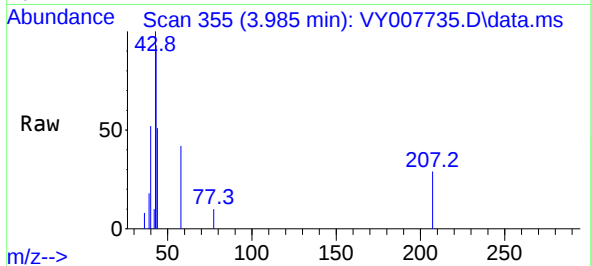
27-28-SAMPLE-LOCATION-14

Tgt Ion: 43 Resp: 2930

Ion Ratio Lower Upper

43 100

58 21.8 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY007735.D

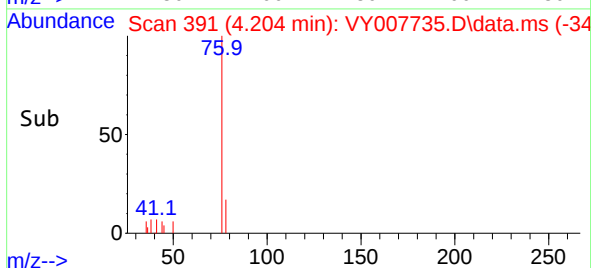
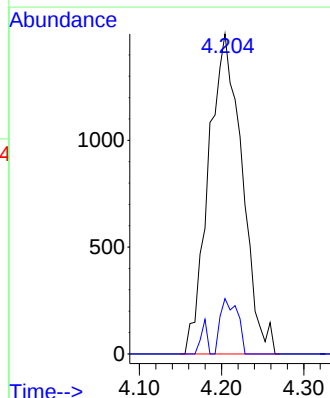
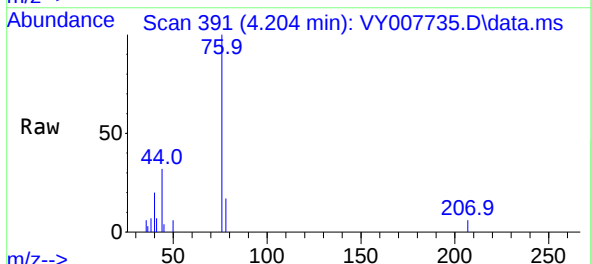
Acq: 04 Mar 2022 04:28

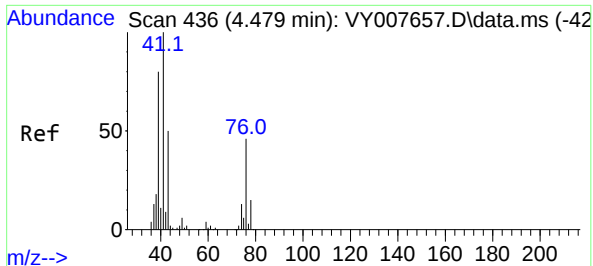
Tgt Ion: 76 Resp: 4243

Ion Ratio Lower Upper

76 100

78 17.3 7.4 11.0#

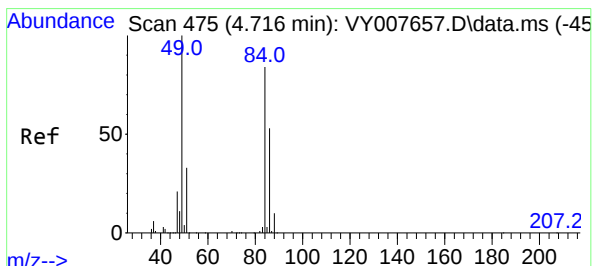
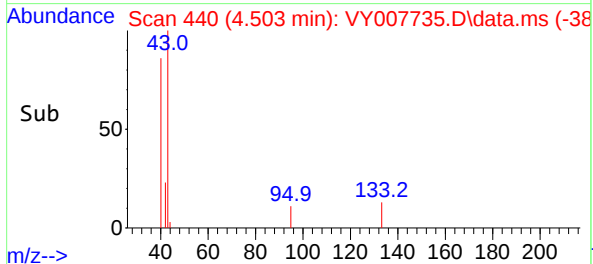
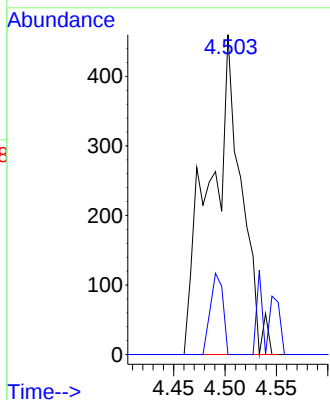
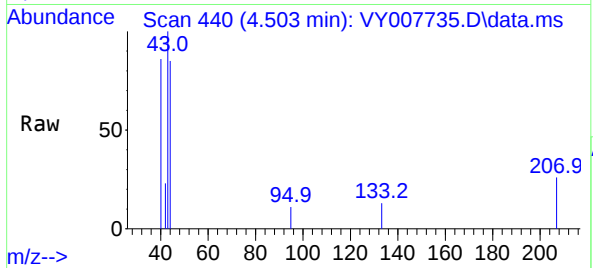




#18
Methyl Acetate
Concen: Below Cal
RT: 4.503 min Scan# 44
Delta R.T. 0.024 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

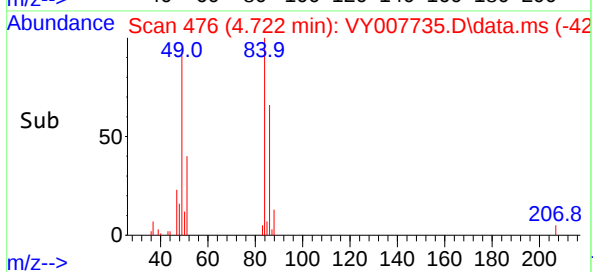
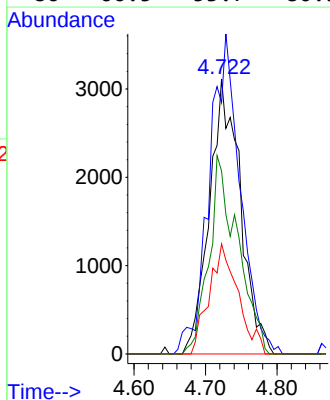
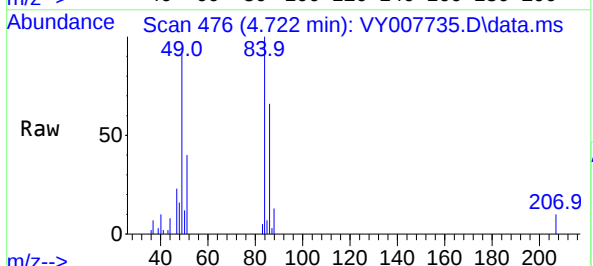
Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

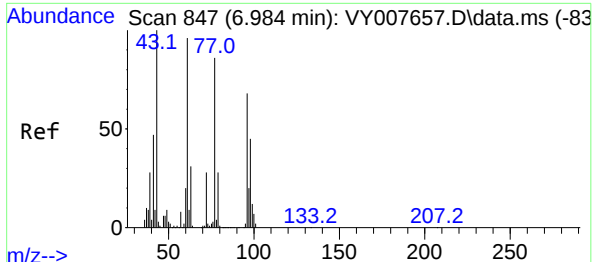
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
74 10.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 84 Resp: 9327
Ion Ratio Lower Upper
84 100
49 89.7 114.4 171.6#
51 40.0 35.3 52.9
86 66.5 53.7 80.5

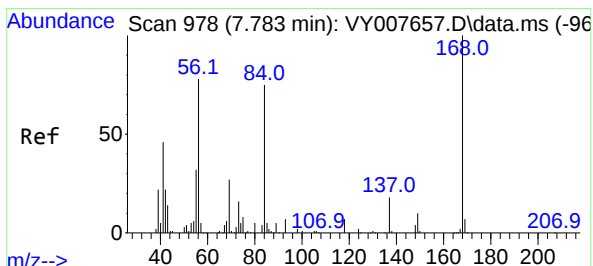
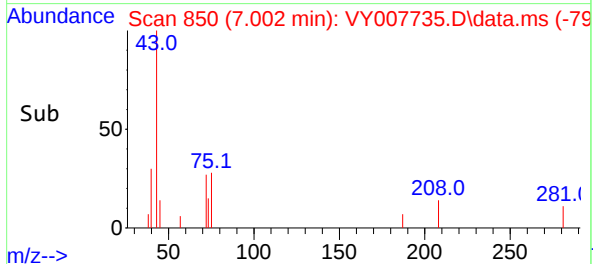
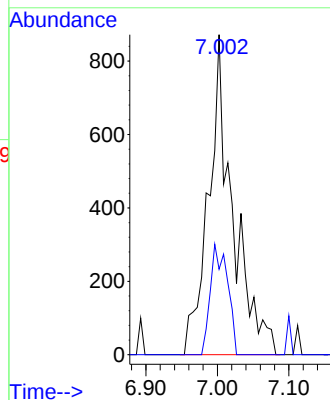
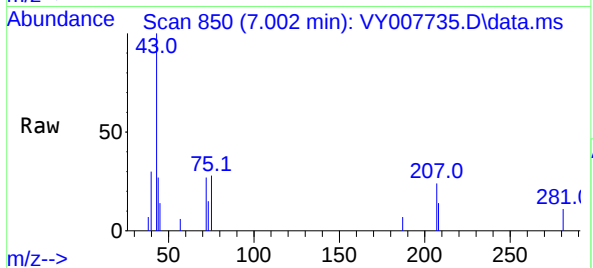




#25
2-Butanone
Concen: 1.919 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

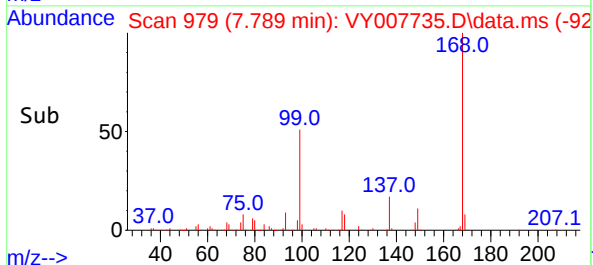
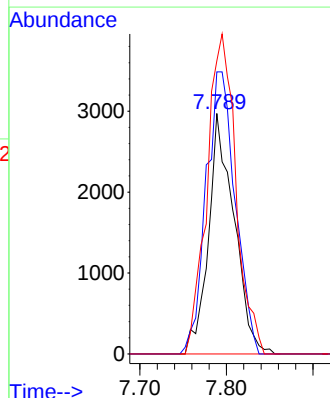
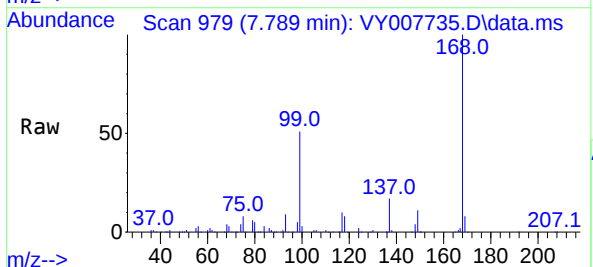
Instrument :
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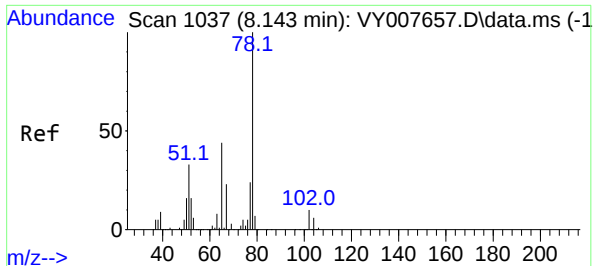
Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
72 26.7 17.7 26.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 56 Resp: 6098
Ion Ratio Lower Upper
56 100
69 117.3 26.7 40.1#
84 121.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.321 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007735.D

Acq: 04 Mar 2022 04:28

Instrument :

MSVOA_Y

ClientSampleId :

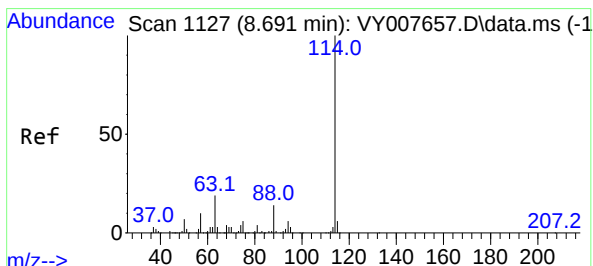
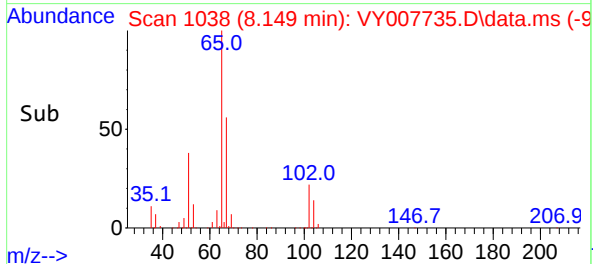
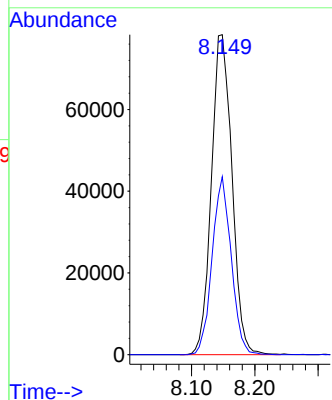
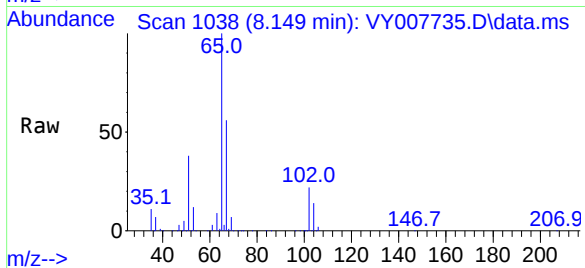
27-28-SAMPLE-LOCATION-14

Tgt Ion: 65 Resp: 176819

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007735.D

Acq: 04 Mar 2022 04:28

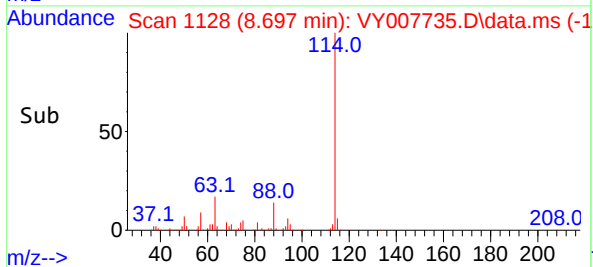
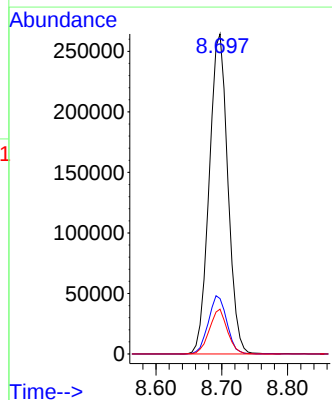
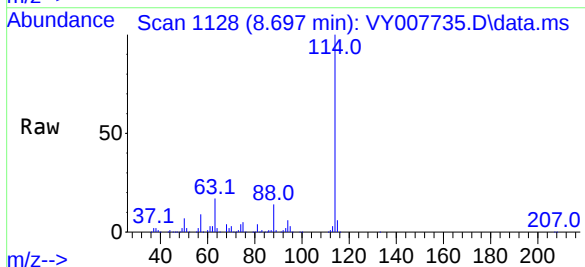
Tgt Ion: 114 Resp: 520290

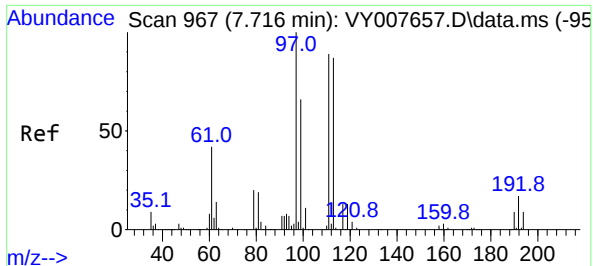
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.0 0.0 31.8

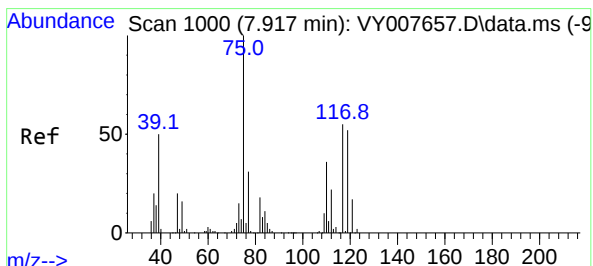
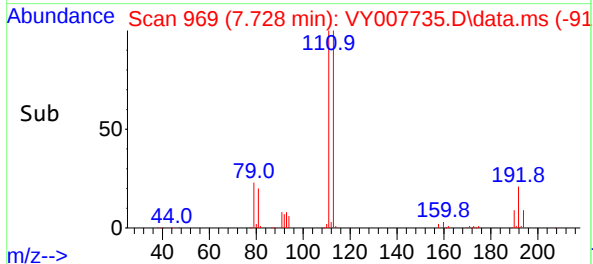
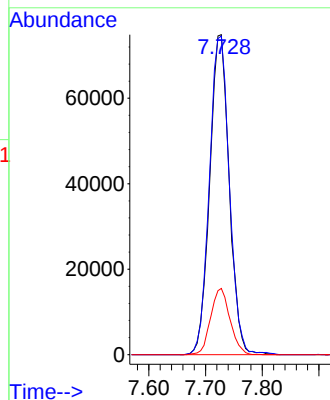
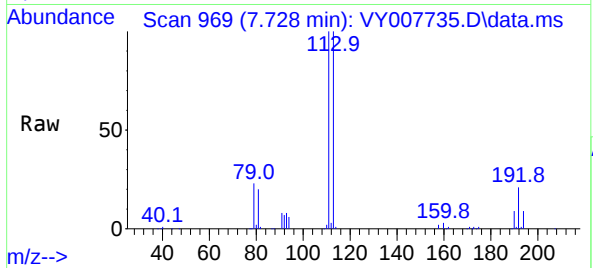




#35
Dibromofluoromethane
Concen: 53.715 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

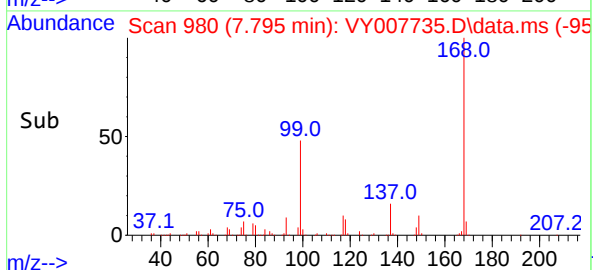
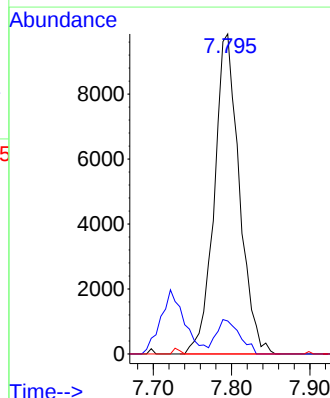
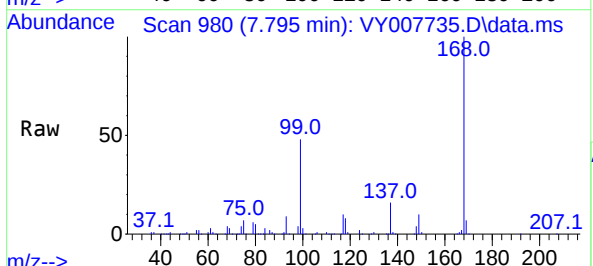
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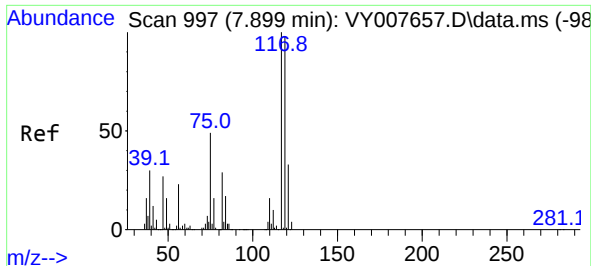
Tgt Ion:113 Resp: 178675
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.177 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

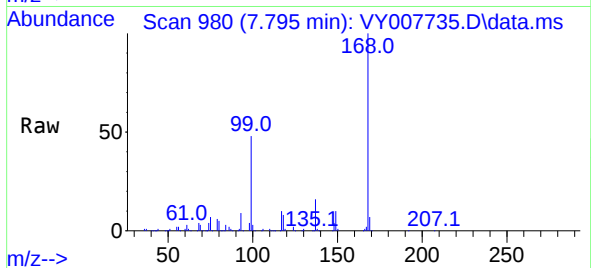
Tgt Ion: 75 Resp: 21859
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



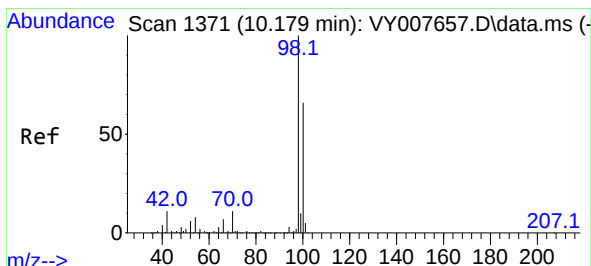
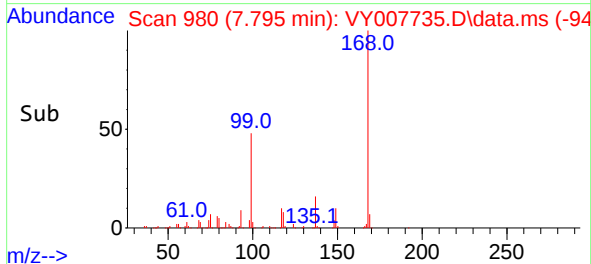
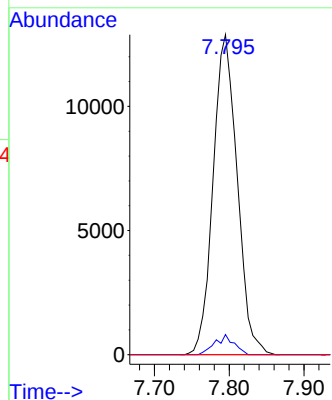


#38
Carbon Tetrachloride
Concen: 5.171 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

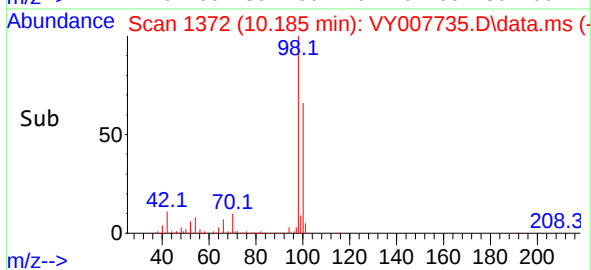
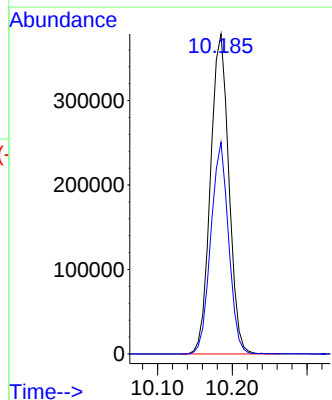
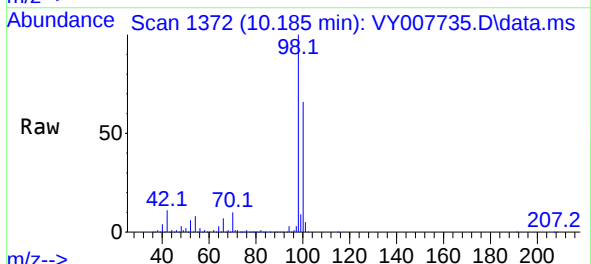


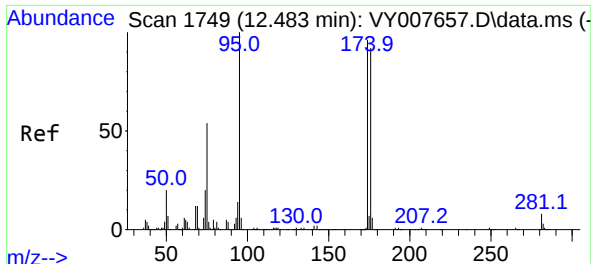
Tgt Ion:117 Resp: 28864
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.938 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 98 Resp: 648202
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

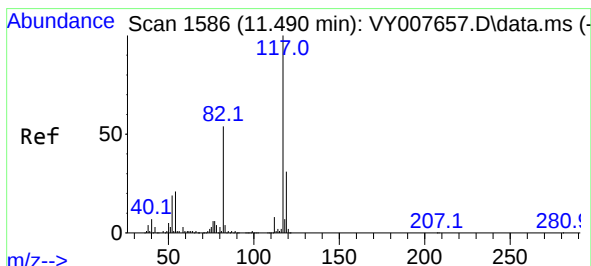
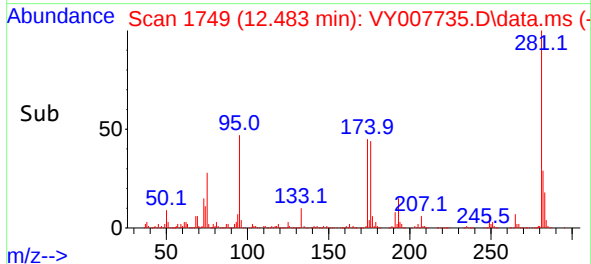
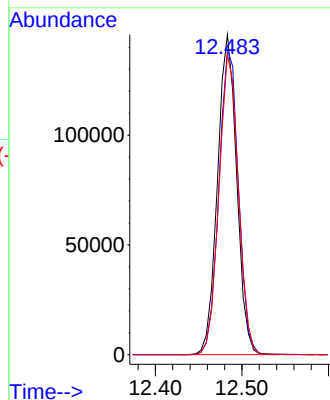
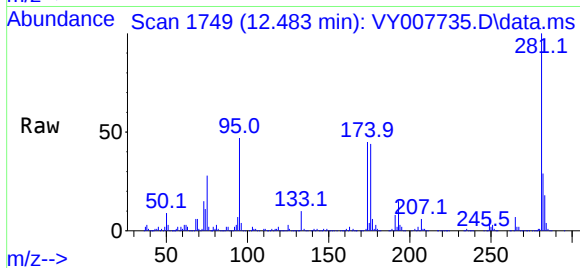




#62
4-Bromofluorobenzene
Concen: 56.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

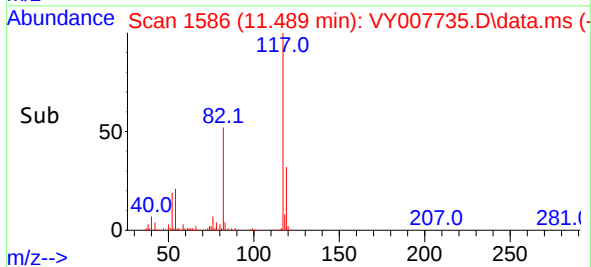
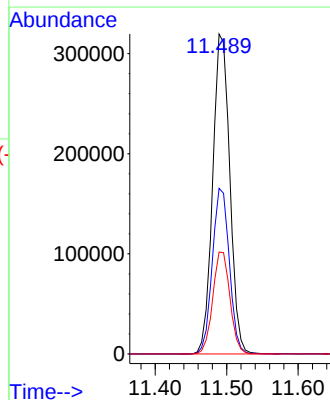
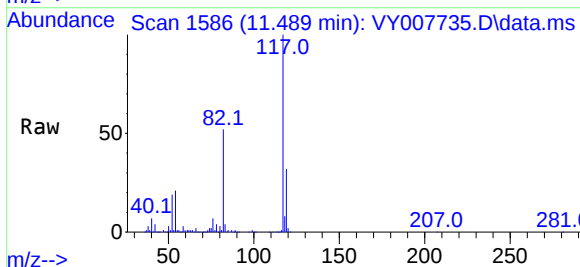
Instrument :
MSVOA_Y
ClientSampleId :
27-28-SAMPLE-LOCATION-14

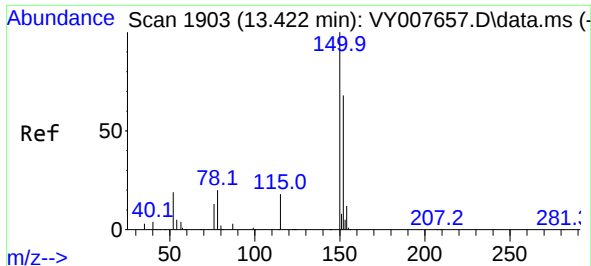
Tgt Ion: 95 Resp: 224456
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 94.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007735.D
Acq: 04 Mar 2022 04:28

Tgt Ion: 117 Resp: 531579
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.8 25.4 38.0



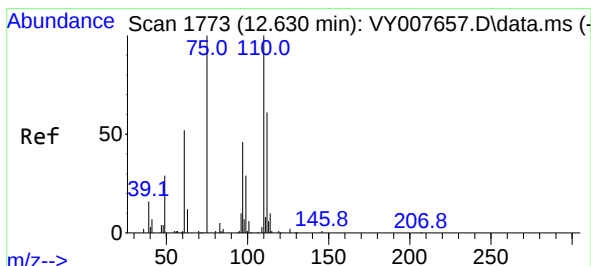
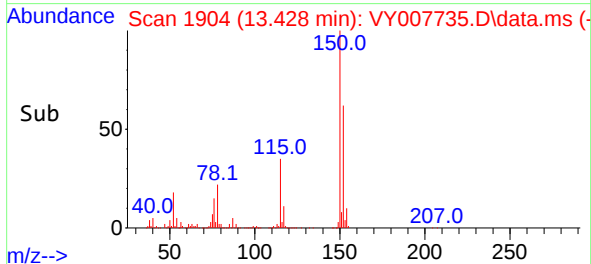
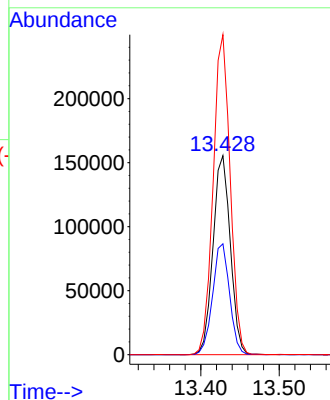
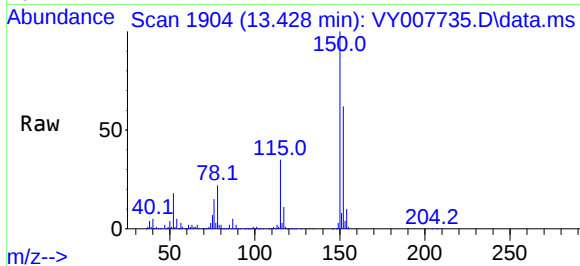


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007735.D
 Acq: 04 Mar 2022 04:28

Instrument : MSVOA_Y
 ClientSampleId : 27-28-SAMPLE-LOCATION-14

Tgt Ion:152 Resp: 238453

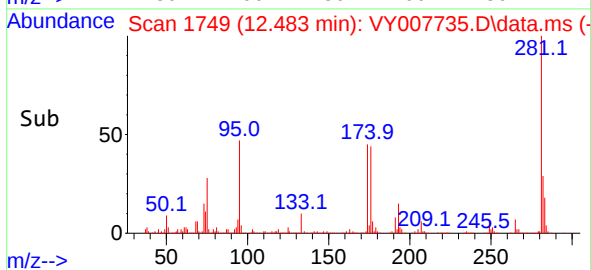
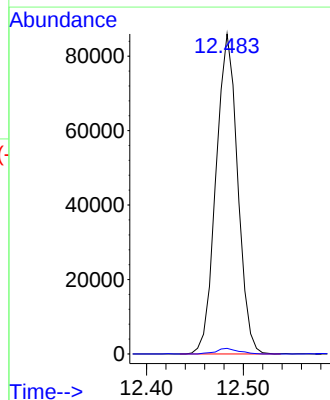
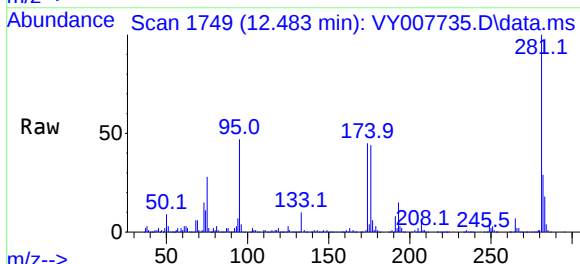
Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	158.4	0.0	347.6

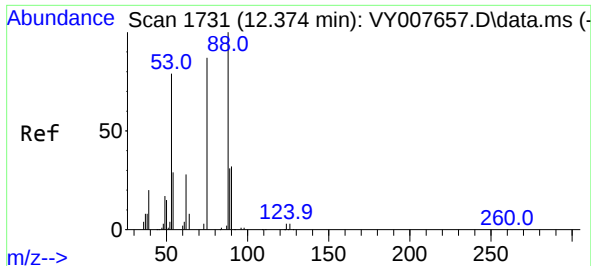


#76
 1,2,3-Trichloropropane
 Concen: 50.227 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007735.D
 Acq: 04 Mar 2022 04:28

Tgt Ion: 75 Resp: 133752

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.682 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007735.D
 Acq: 04 Mar 2022 04:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 27-28-SAMPLE-LOCATION-14

Tgt Ion: 75 Resp: 133752
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 2.4 37.0 55.4#

