

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007727.D
 Acq On : 04 Mar 2022 01:20
 Operator : SY/MD
 Sample : N1730-06
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 07:30:56 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)

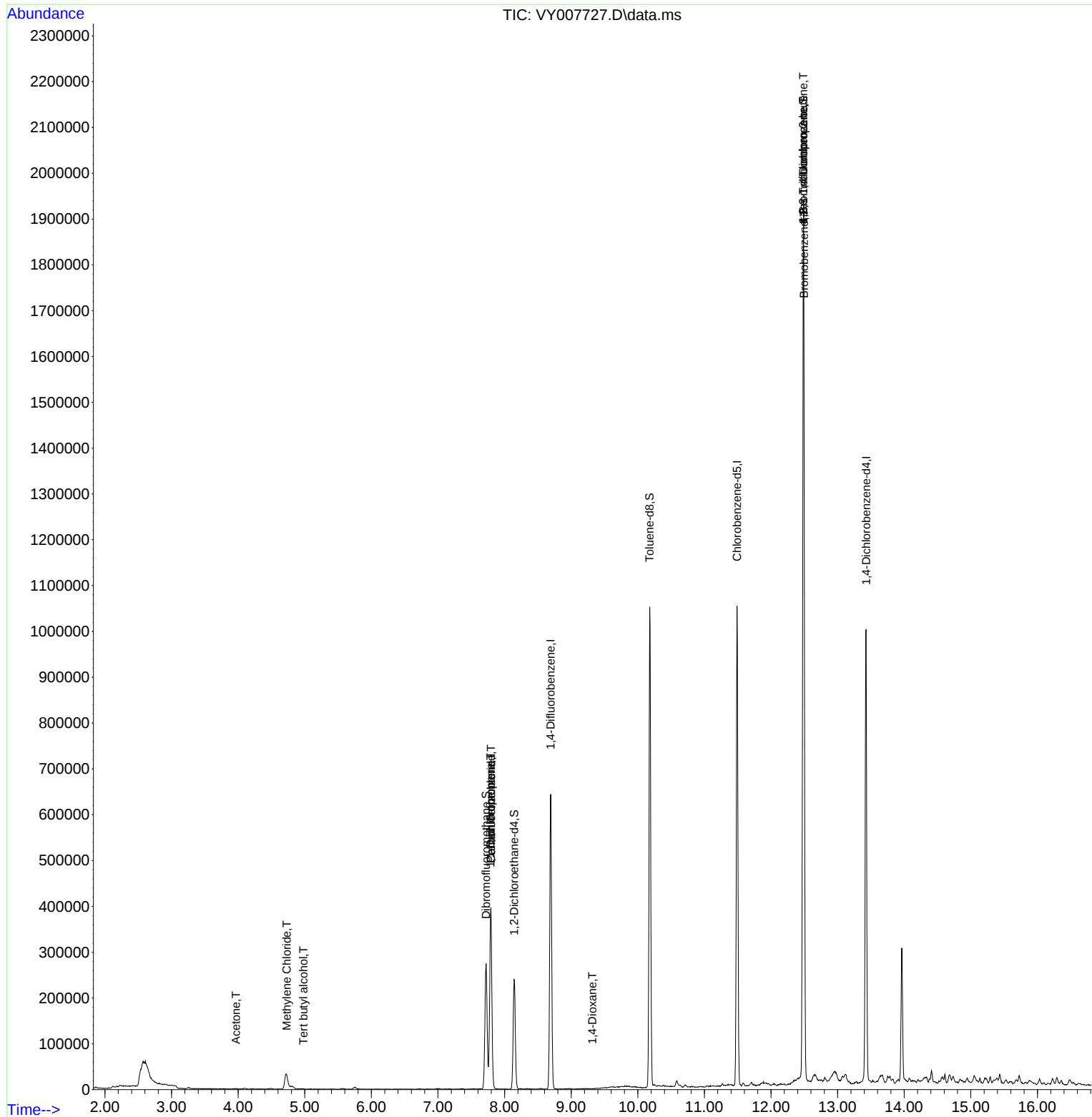
Internal Standards						
1) Pentafluorobenzene	7.795	168	322236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	565558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	256519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	187492	55.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.160%	
35) Dibromofluoromethane	7.722	113	186032	52.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.179	98	691244	52.629	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.483	95	239026	56.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54	Below Cal	#	43
3) Chloromethane	2.119	50	1517	Below Cal		90
11) Tert butyl alcohol	4.978	59	1304	4.465 ug/l	#	86
13) Acrolein	3.521	56	64	Below Cal	#	55
16) Acetone	3.966	43	1584	2.308 ug/l		98
17) Carbon Disulfide	4.204	76	424	Below Cal	#	75
18) Methyl Acetate	4.472	43	1070	Below Cal	#	86
20) Methylene Chloride	4.728	84	25139	3.596 ug/l	#	80
31) Cyclohexane	7.795	56	6526	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	22975	4.093 ug/l	#	52
38) Carbon Tetrachloride	7.795	117	30218	5.047 ug/l	#	15
49) 1,4-Dioxane	9.319	88	65	2.220 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	141138	49.268 ug/l	#	100
77) Bromobenzene	12.495	156	4756	1.033 ug/l	#	11
81) trans-1,4-Dichloro-2-b...	12.483	75	141138	100.722 ug/l	#	8

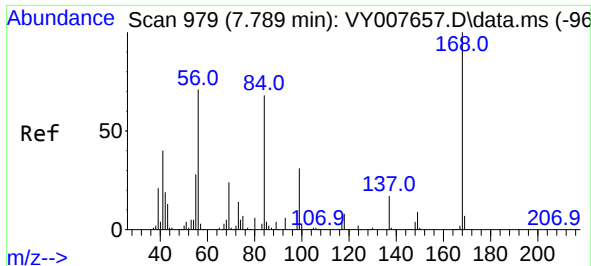
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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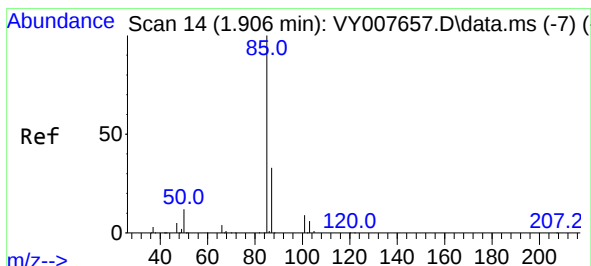
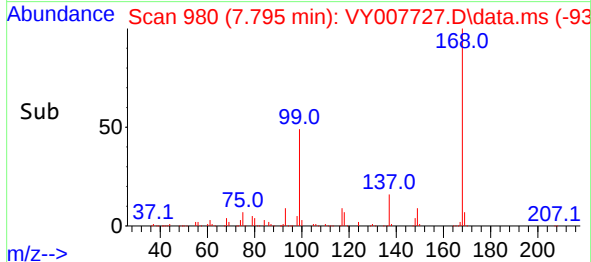
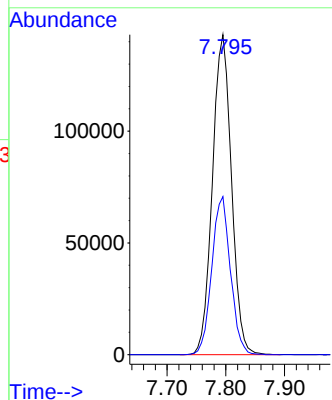
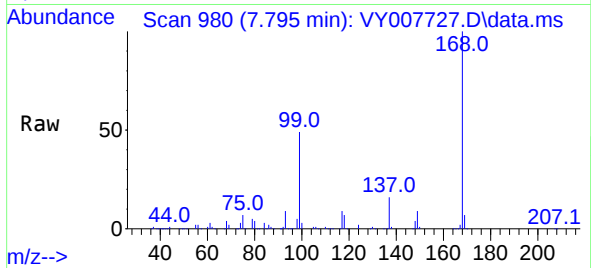




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

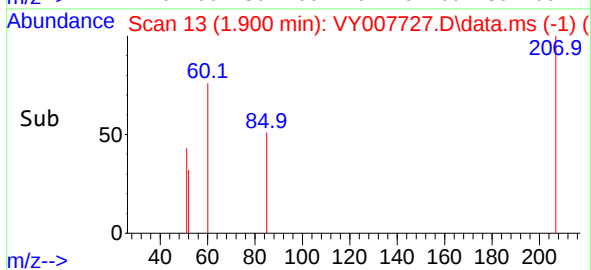
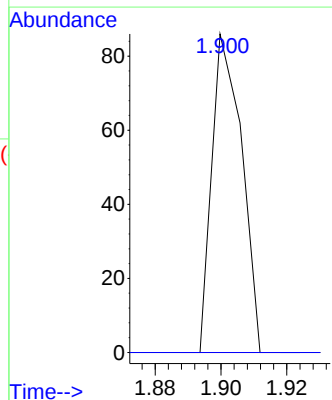
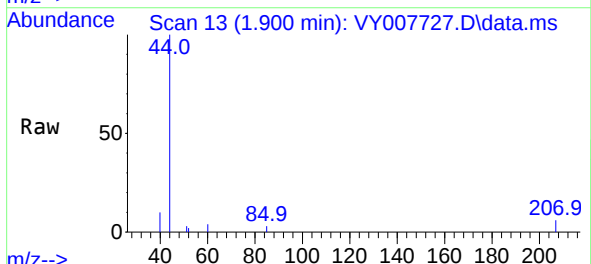
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 322236
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3

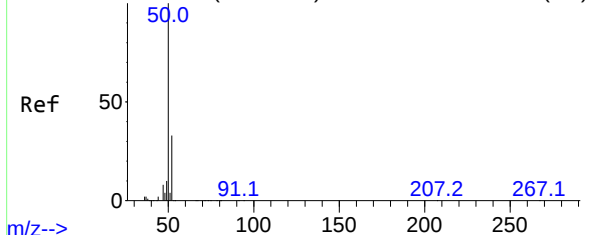


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

Tgt Ion: 85 Resp: 54
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: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

Instrument :

MSVOA_Y

ClientSampleId :

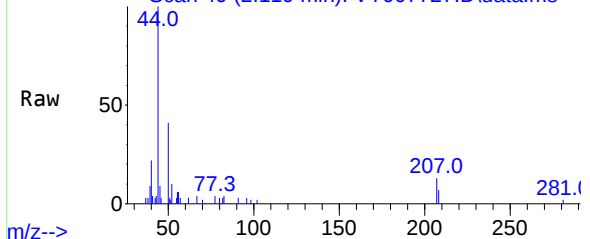
Tgt Ion: 50 Resp: 1517

Ion Ratio Lower Upper

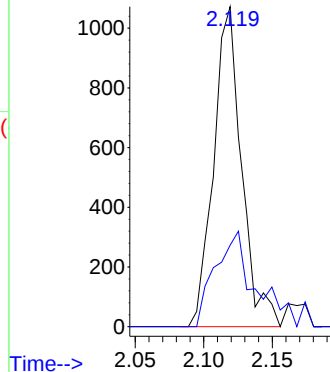
50 100

52 25.5 24.6 37.0

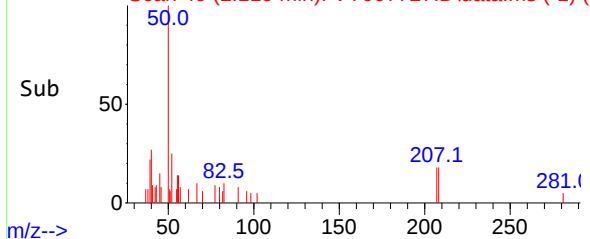
Abundance Scan 49 (2.119 min): VY007727.D\data.ms



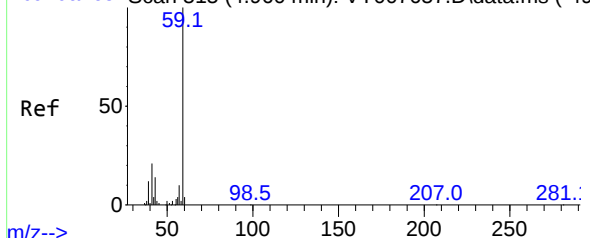
Abundance



Abundance Scan 49 (2.119 min): VY007727.D\data.ms (-1)



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 4.465 ug/l

RT: 4.978 min Scan# 518

Delta R.T. 0.018 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

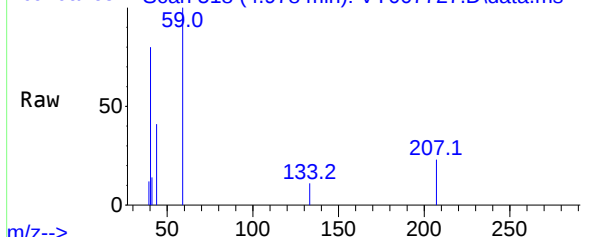
Tgt Ion: 59 Resp: 1304

Ion Ratio Lower Upper

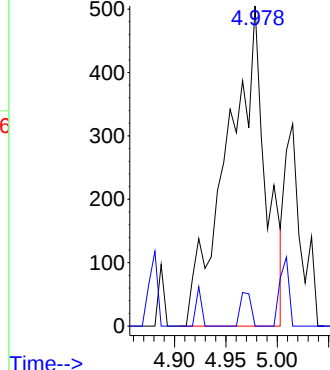
59 100

57 2.9 6.4 9.6#

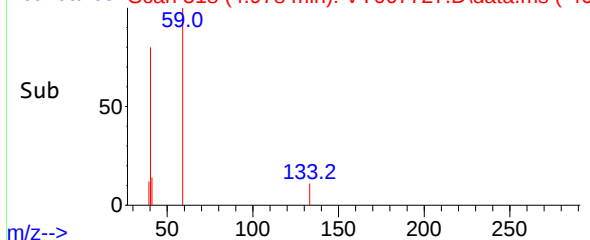
Abundance Scan 518 (4.978 min): VY007727.D\data.ms

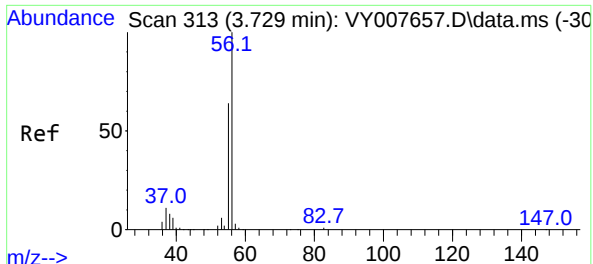


Abundance



Abundance Scan 518 (4.978 min): VY007727.D\data.ms (-46)





#13

Acrolein

Concen: Below Cal

RT: 3.521 min Scan# 21

Delta R.T. -0.208 min

Lab File: VY007727.D

Acq: 04 Mar 2022 01:20

Instrument :

MSVOA_Y

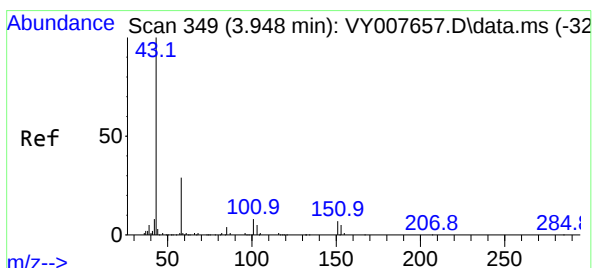
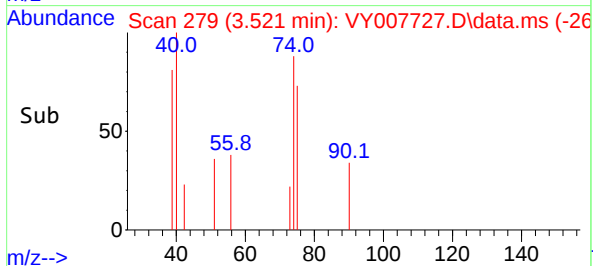
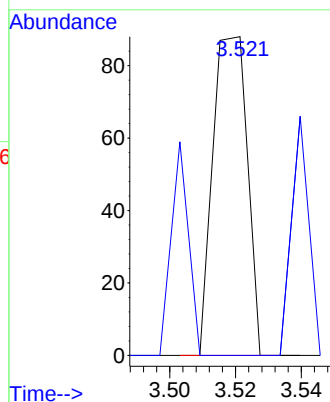
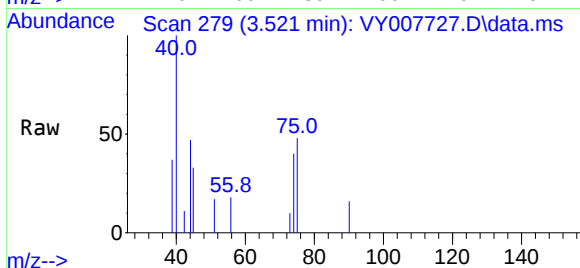
ClientSampleId :

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

56 100

55 34.4 57.6 86.4#



#16

Acetone

Concen: 2.308 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.018 min

Lab File: VY007727.D

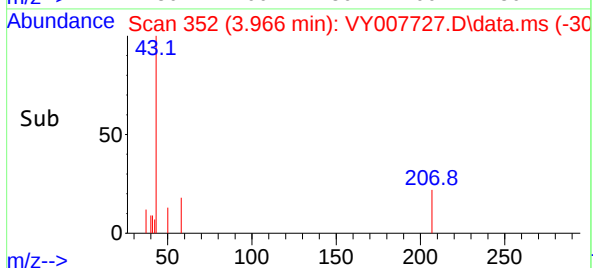
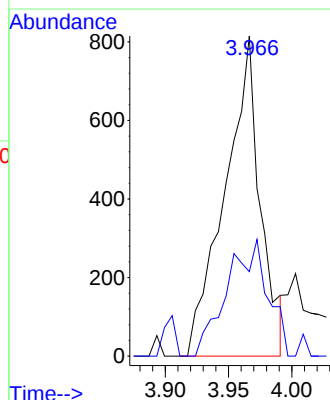
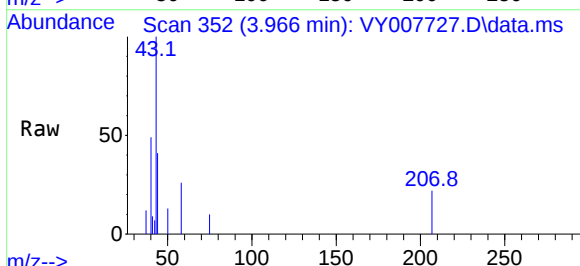
Acq: 04 Mar 2022 01:20

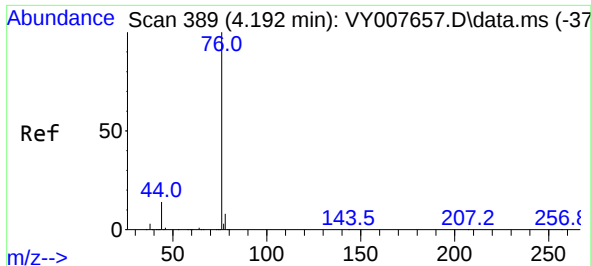
Tgt Ion: 43 Resp: 1584

Ion Ratio Lower Upper

43 100

58 26.4 22.0 33.0

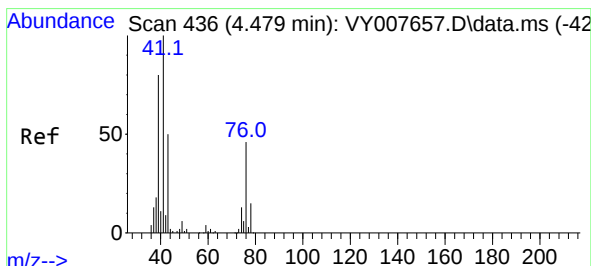
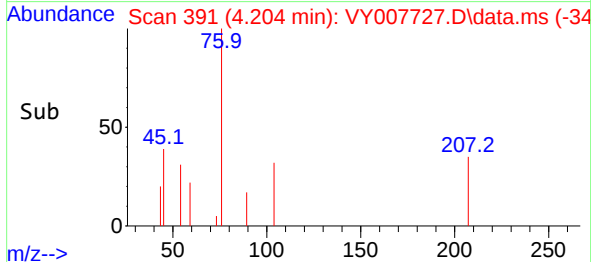
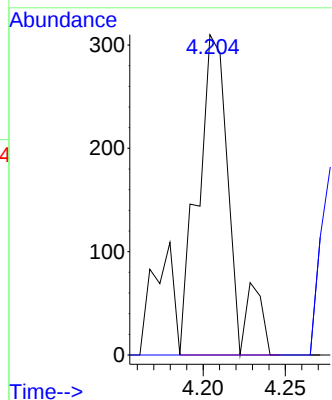
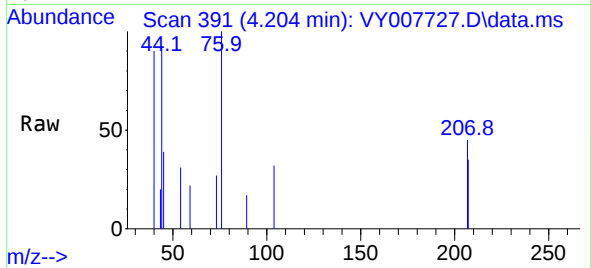




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

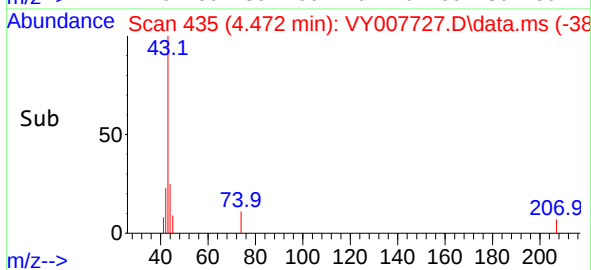
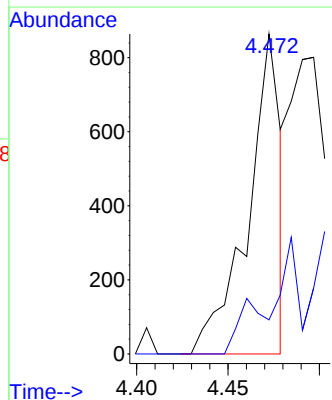
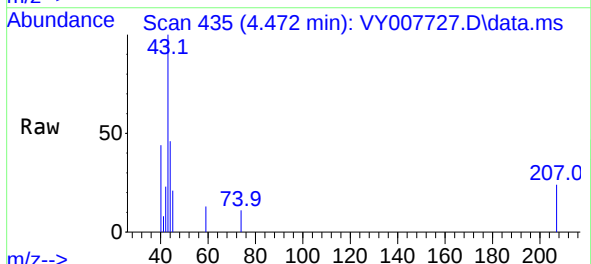
Instrument :
MSVOA_Y
ClientSampleId :

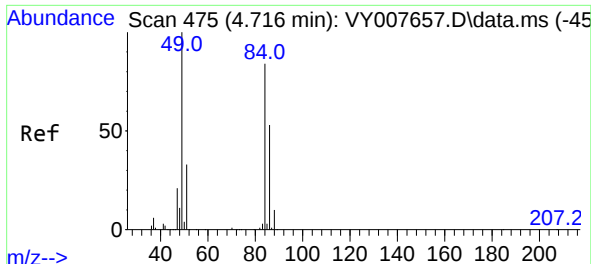
Tgt Ion: 76 Resp: 424
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

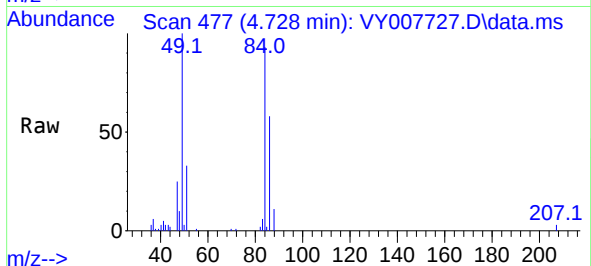
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
74 14.4 16.6 24.8#



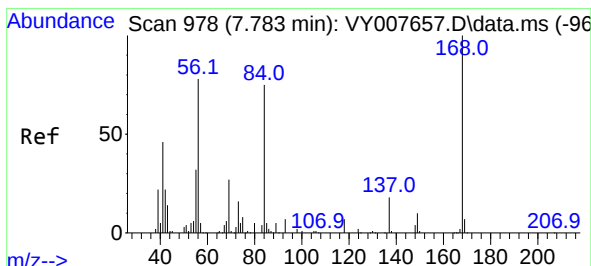
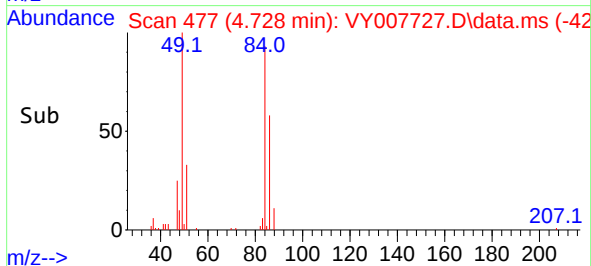
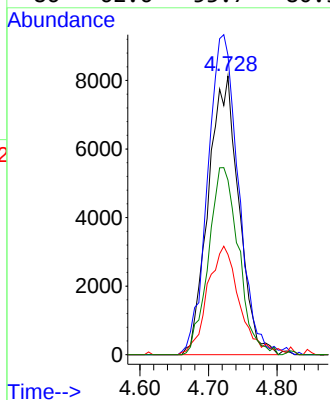


#20
Methylene Chloride
Concen: 3.596 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

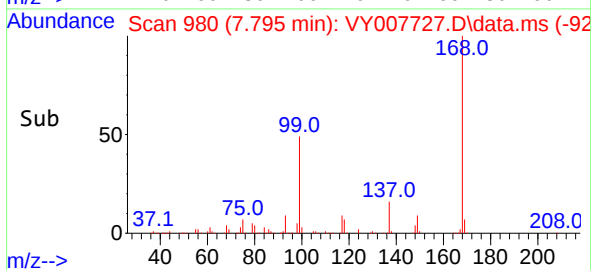
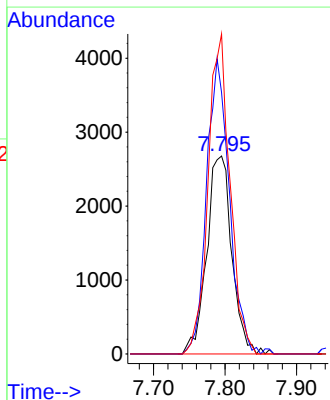
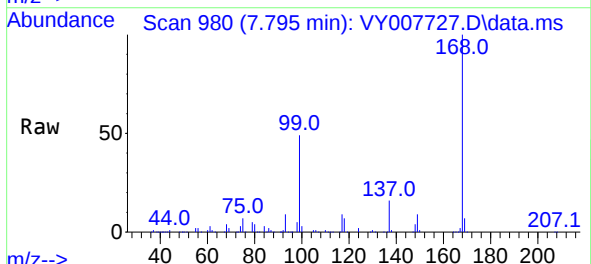


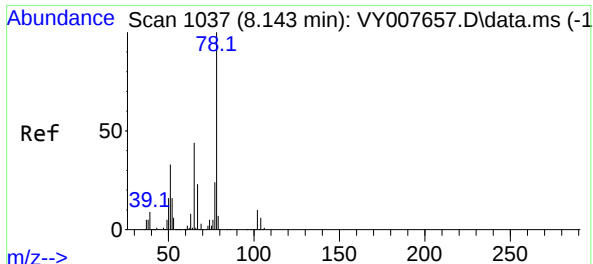
Tgt Ion: 84 Resp: 25139
Ion Ratio Lower Upper
84 100
49 107.5 114.4 171.6#
51 36.0 35.3 52.9
86 62.6 53.7 80.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

Tgt Ion: 56 Resp: 6526
Ion Ratio Lower Upper
56 100
69 132.1 26.7 40.1#
84 161.7 67.2 100.8#

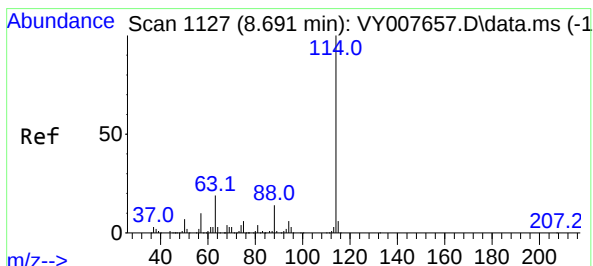
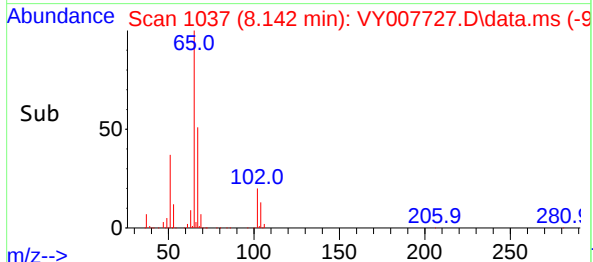
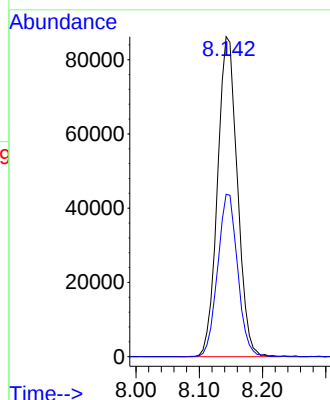
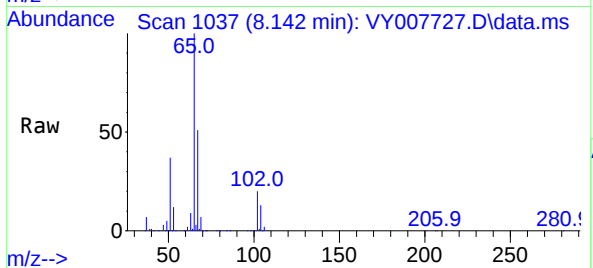




#33
1,2-Dichloroethane-d4
Concen: 55.578 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

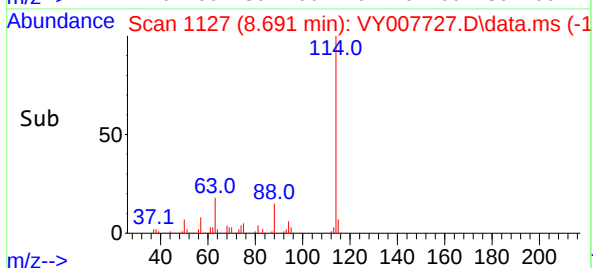
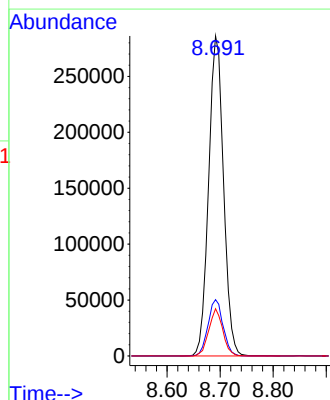
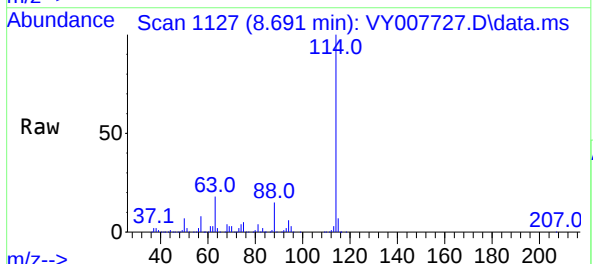
Instrument :
MSVOA_Y
ClientSampleId :

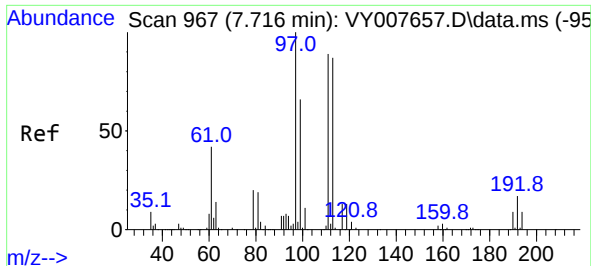
Tgt Ion: 65 Resp: 187492
Ion Ratio Lower Upper
65 100
67 51.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

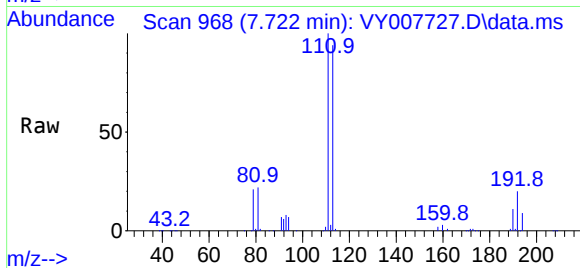
Tgt Ion: 114 Resp: 558097
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.7 0.0 31.8



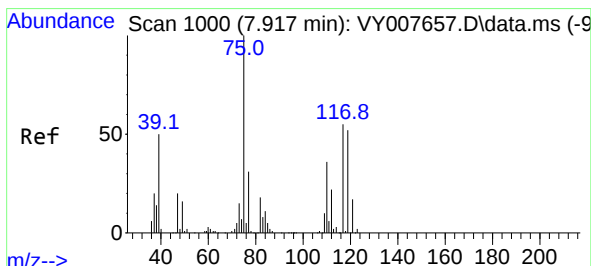
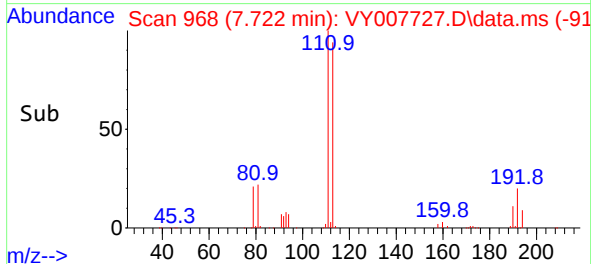
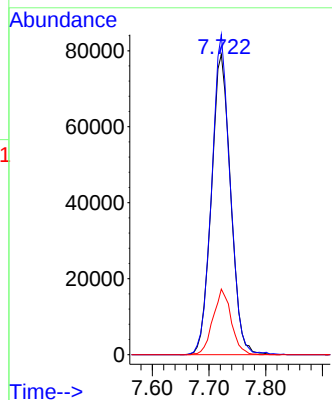


#35
Dibromofluoromethane
Concen: 52.138 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

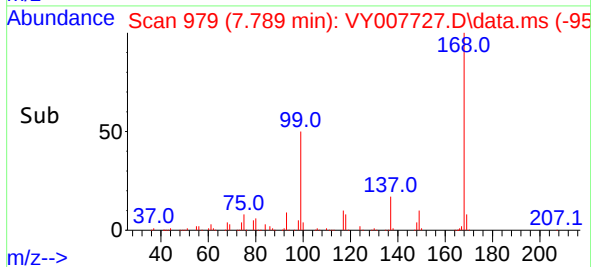
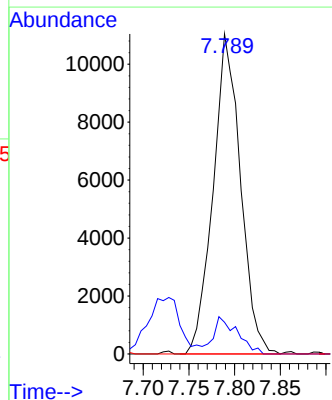
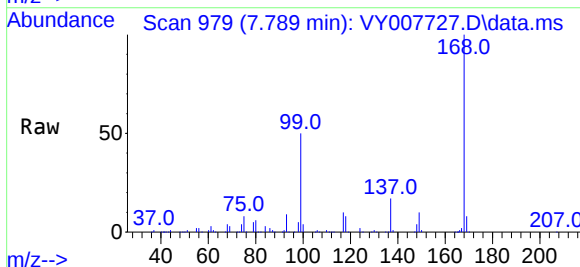


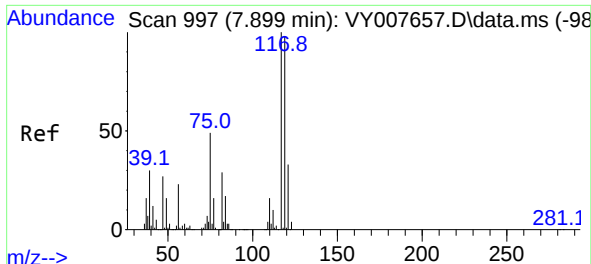
Tgt Ion:113 Resp: 186032
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.093 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

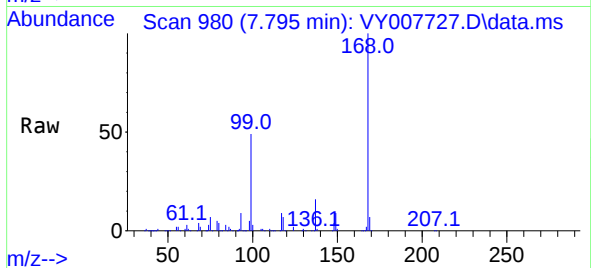
Tgt Ion: 75 Resp: 22975
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



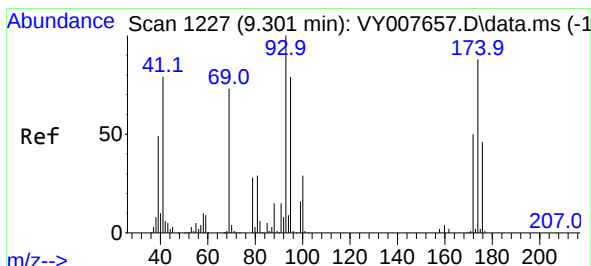
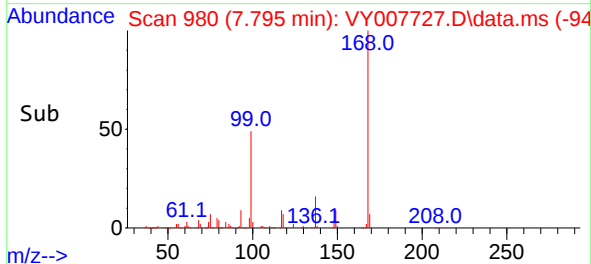
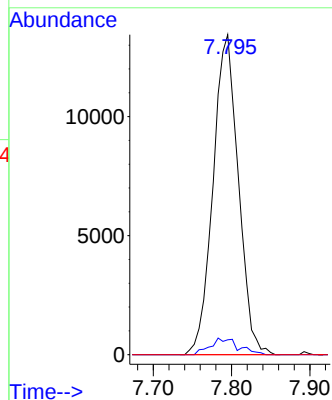


#38
Carbon Tetrachloride
Concen: 5.047 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

Instrument :
MSVOA_Y
ClientSampleId :

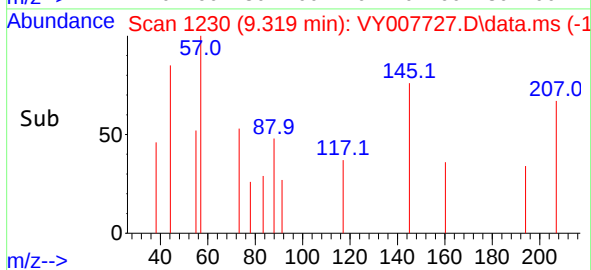
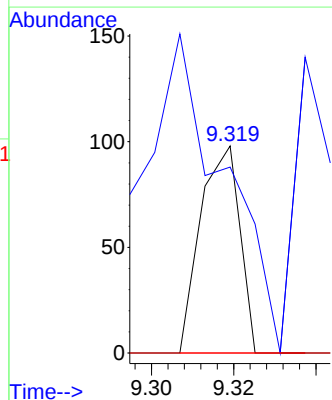
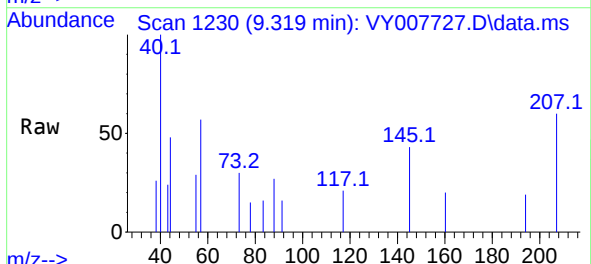


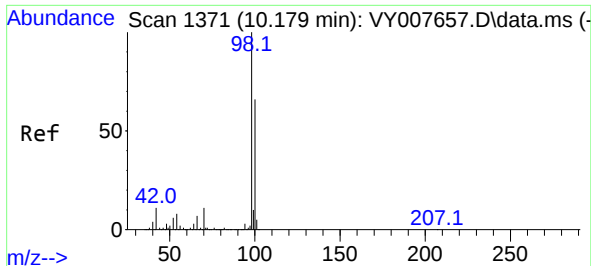
Tgt Ion:117 Resp: 30218
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 2.220 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 341.5 32.8 49.2#
58 0.0 59.8 89.6#

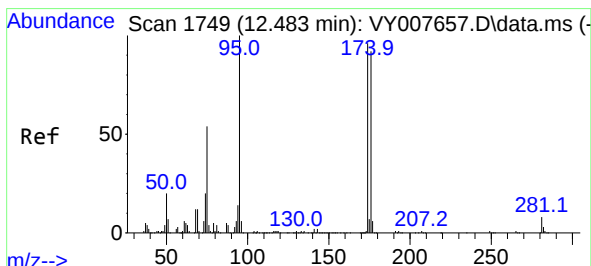
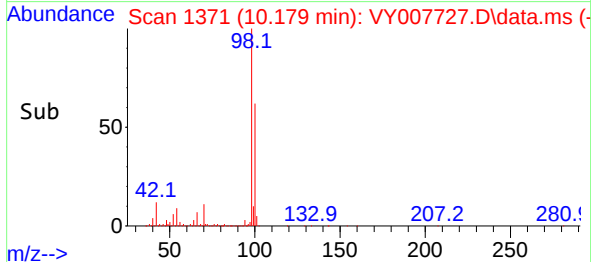
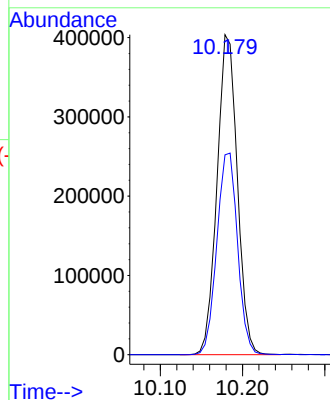
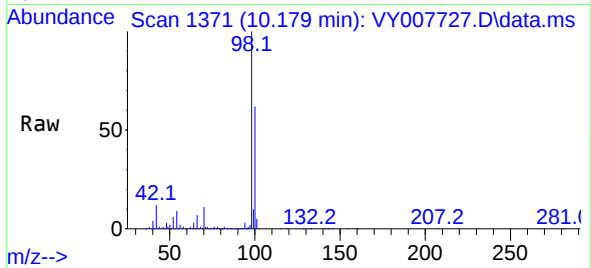




#50
Toluene-d8
Concen: 52.629 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

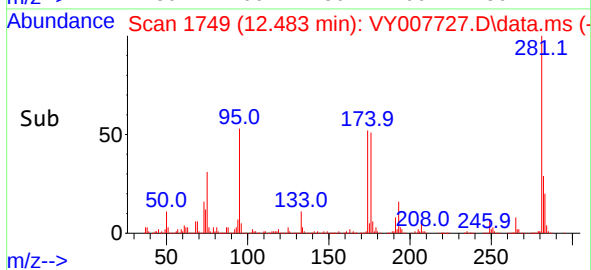
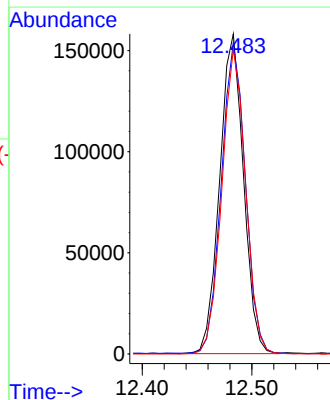
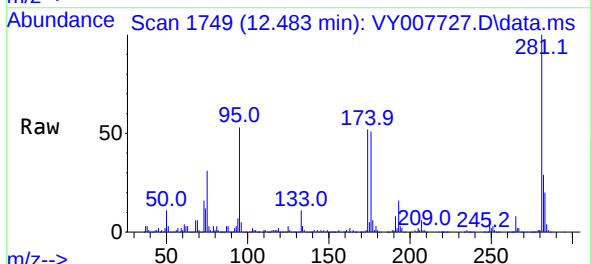
Instrument :
MSVOA_Y
ClientSampleId :

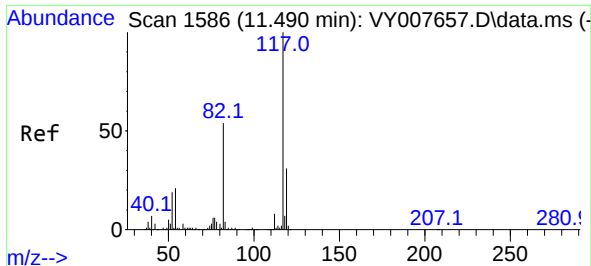
Tgt Ion: 98 Resp: 691244
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

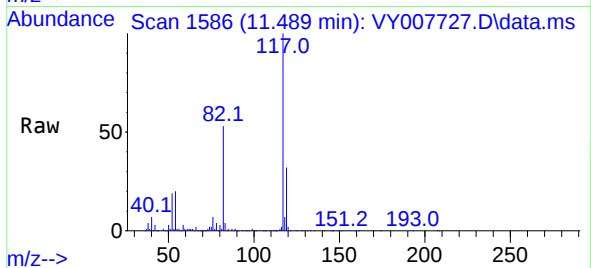
Tgt Ion: 95 Resp: 239026
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 95.0 0.0 175.8



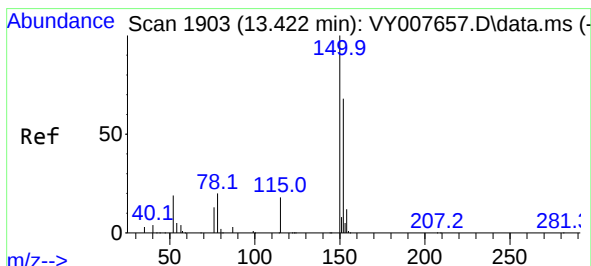
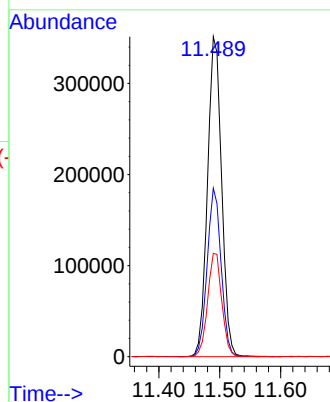
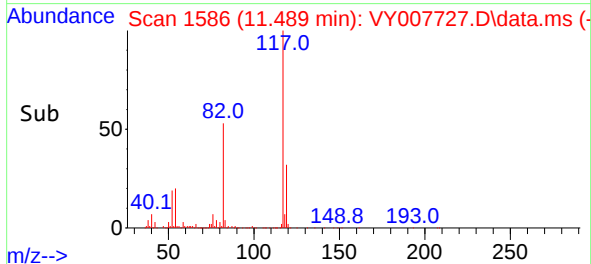


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

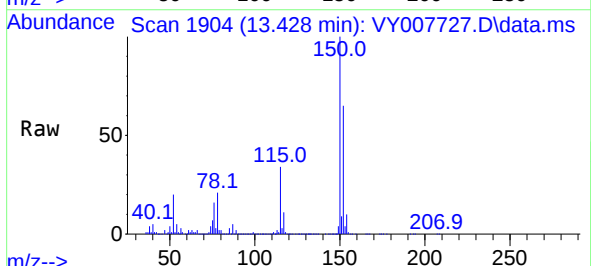
Instrument :
MSVOA_Y
ClientSampleId :



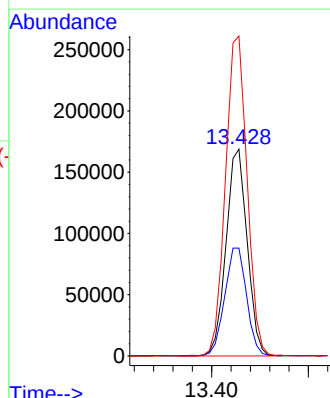
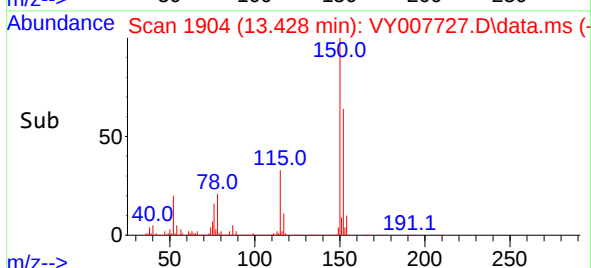
Tgt Ion:117 Resp: 565558
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 25.4 38.0

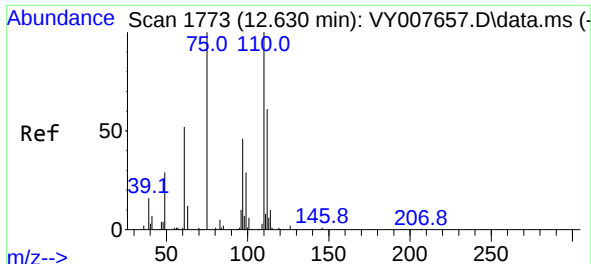


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20



Tgt Ion:152 Resp: 256519
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 158.1 0.0 347.6

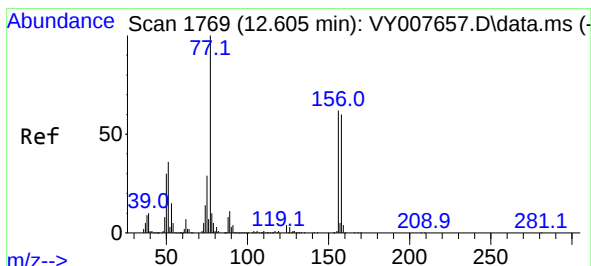
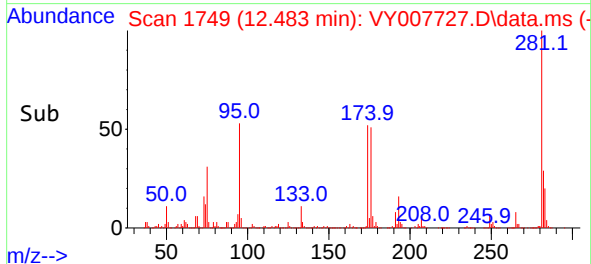
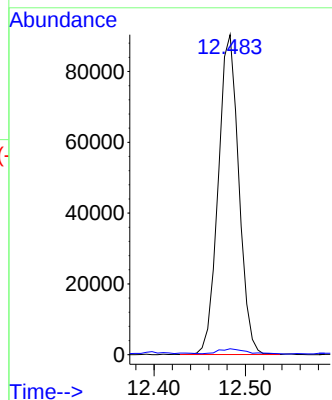
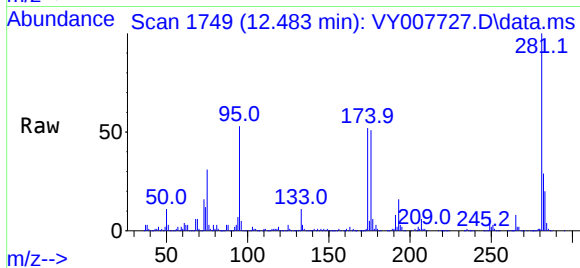




#76
1,2,3-Trichloropropane
Concen: 49.268 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.147 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

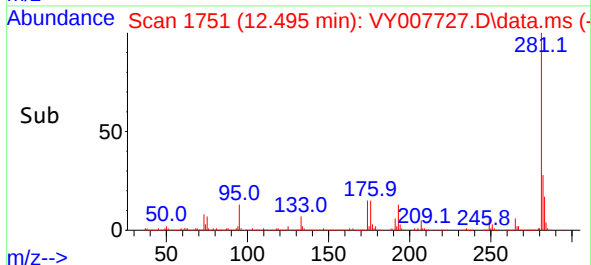
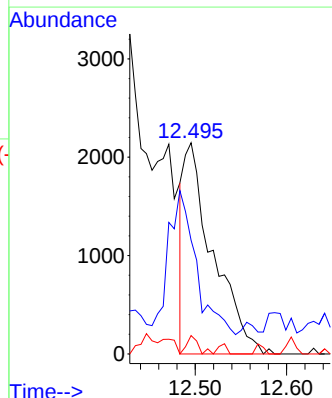
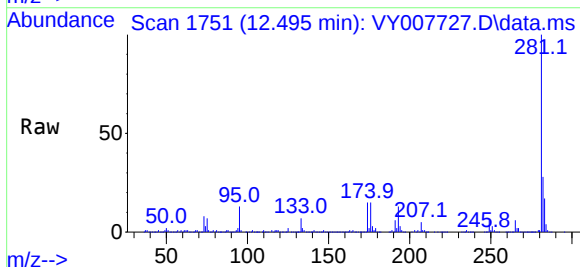
Instrument :
MSVOA_Y
ClientSampleId :

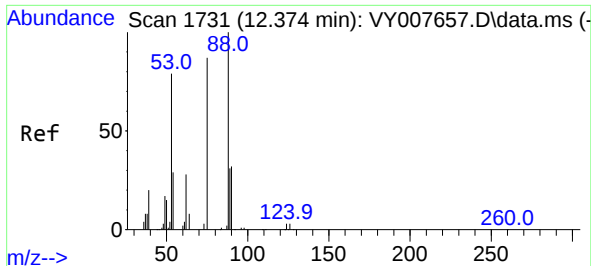
Tgt Ion: 75 Resp: 141138
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#77
Bromobenzene
Concen: 1.033 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.110 min
Lab File: VY007727.D
Acq: 04 Mar 2022 01:20

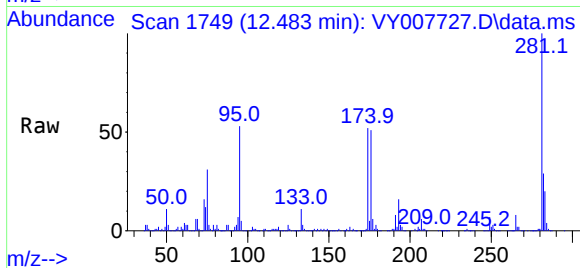
Tgt Ion:156 Resp: 4756
Ion Ratio Lower Upper
156 100
77 64.8 95.5 286.4#
158 3.4 48.0 144.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.722 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007727.D
 Acq: 04 Mar 2022 01:20

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 141138
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 2.5 37.0 55.4#

