

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008275.D
 Acq On : 11 Apr 2022 16:12
 Operator : KP/MD
 Sample : N2340-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 12 06:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

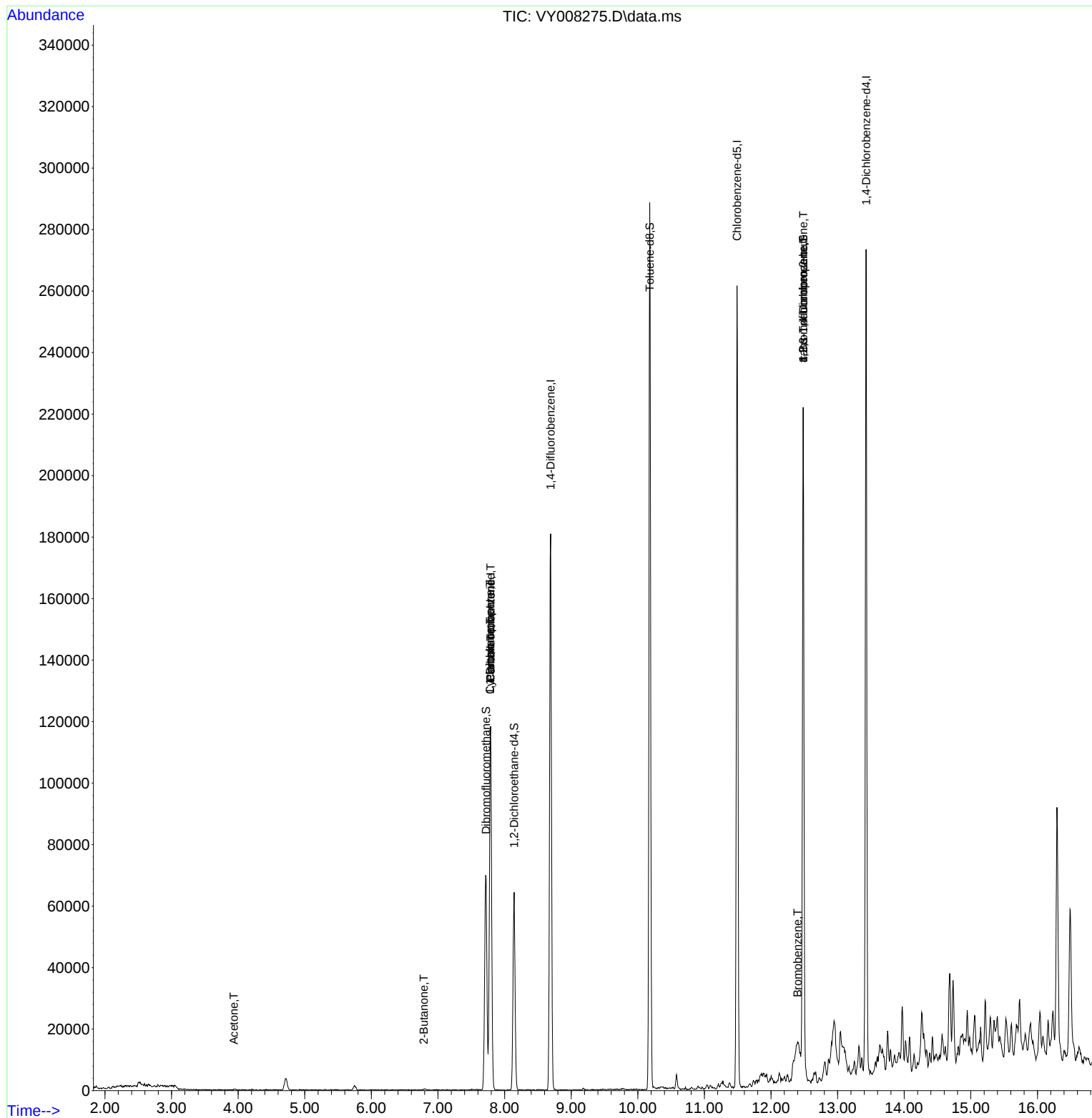
Internal Standards						
1) Pentafluorobenzene	7.789	168	94479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47724	53.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.560%	
35) Dibromofluoromethane	7.722	113	50066	52.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.179	98	195567	60.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.120%	
62) 4-Bromofluorobenzene	12.483	95	64963	53.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	237	Below Cal	#	44
5) Bromomethane	2.656	94	259	Below Cal	#	57
16) Acetone	3.936	43	561	2.628	ug/l	95
18) Methyl Acetate	4.484	43	89	Below Cal	#	56
20) Methylene Chloride	4.716	84	3269	Below Cal	#	72
25) 2-Butanone	6.789	43	665	1.992	ug/l	# 54
31) Cyclohexane	7.783	56	1723	1.074	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	6726	4.426	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	9420	5.762	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	33874	45.907	ug/l	# 100
77) Bromobenzene	12.398	156	8058	6.629	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.483	75	33874	102.715	ug/l	# 7

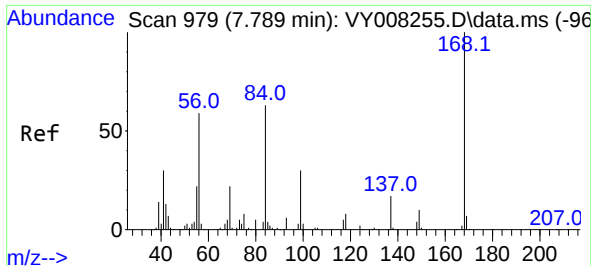
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
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ClientSampleId :

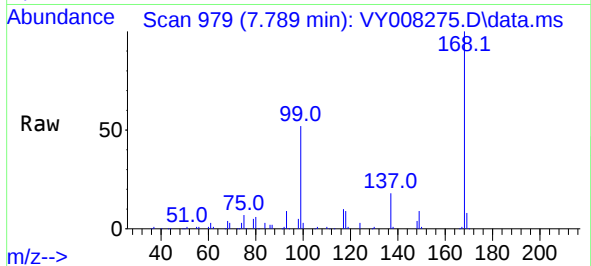
Quant Time: Apr 12 06:59:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



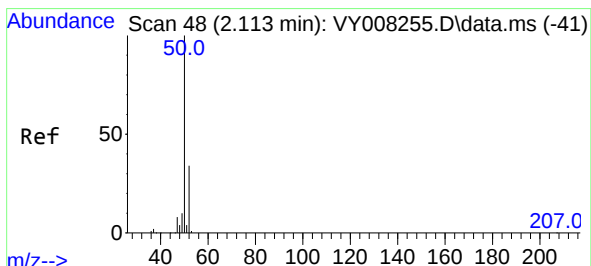
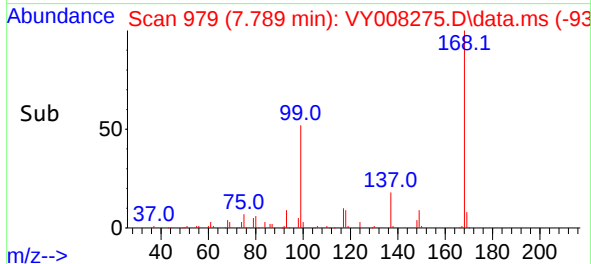
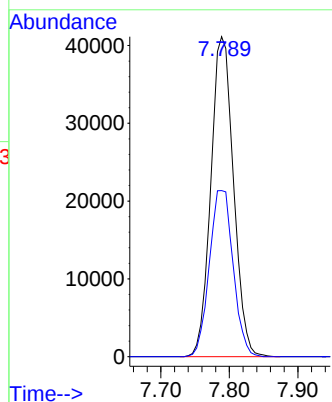


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :

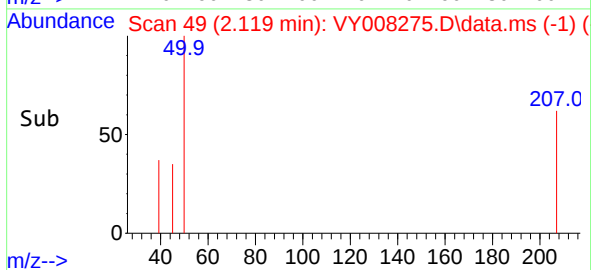
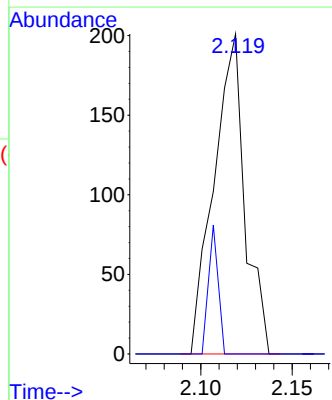
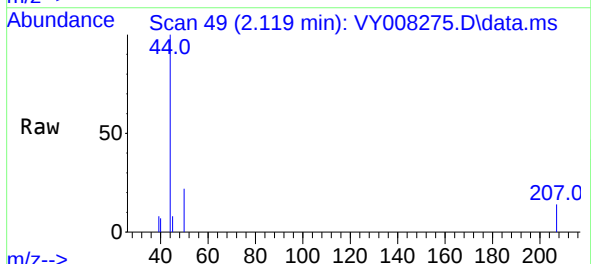


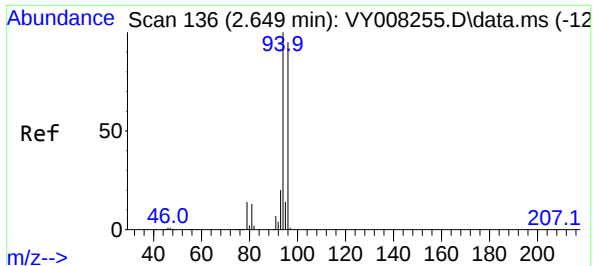
Tgt Ion:168 Resp: 94479
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

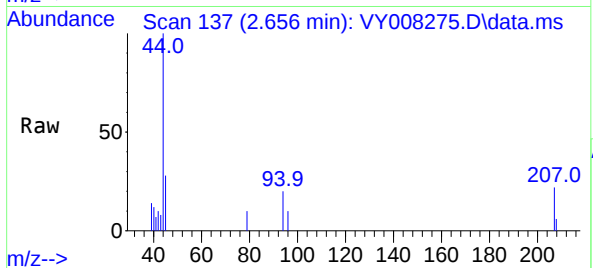
Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



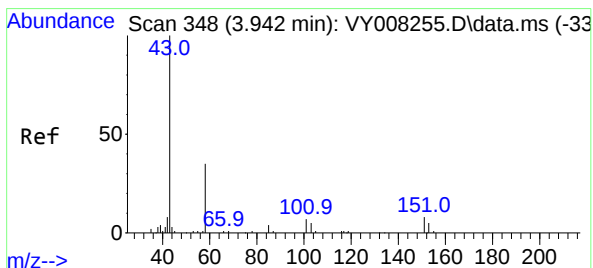
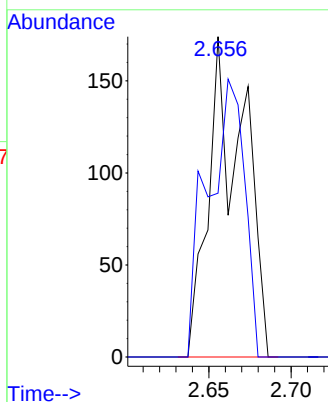
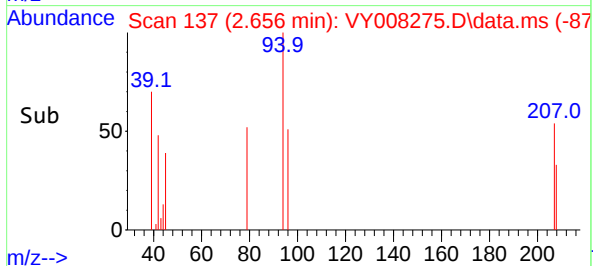


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :

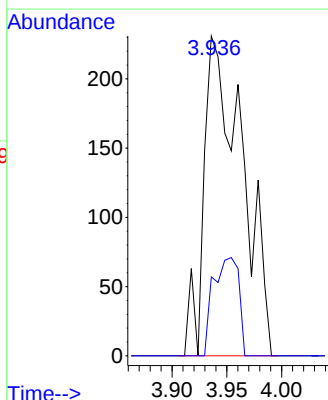
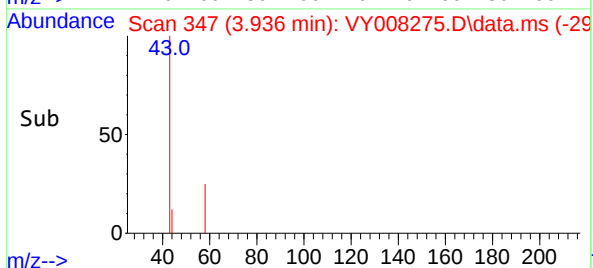
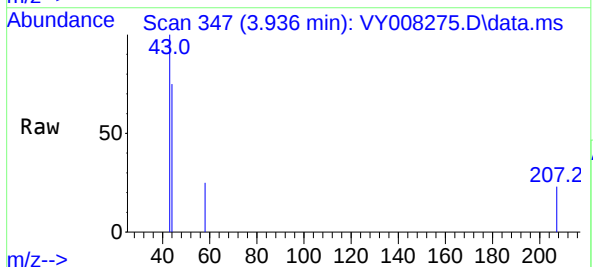


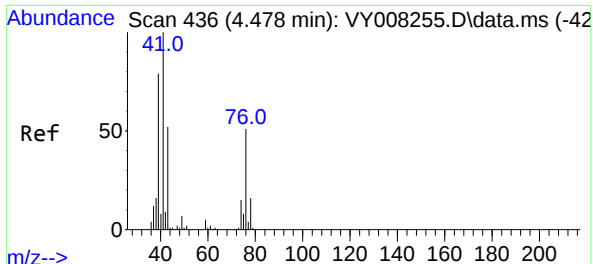
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 51.1 73.5 110.3#



#16
Acetone
Concen: 2.628 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 24.7 22.0 33.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.484 min Scan# 41

Delta R.T. 0.006 min

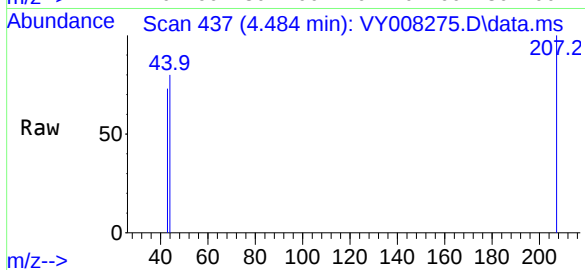
Lab File: VY008275.D

Acq: 11 Apr 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

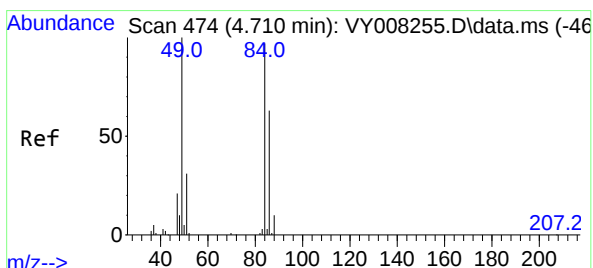
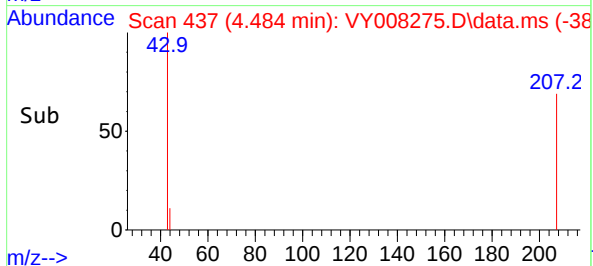
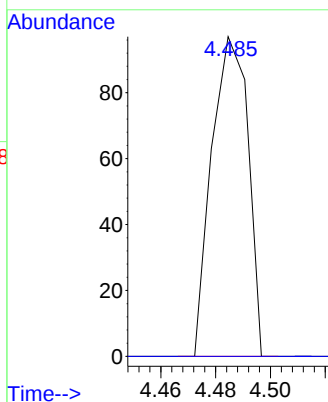


Tgt Ion: 43 Resp: 89

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008275.D

Acq: 11 Apr 2022 16:12

Tgt Ion: 84 Resp: 3269

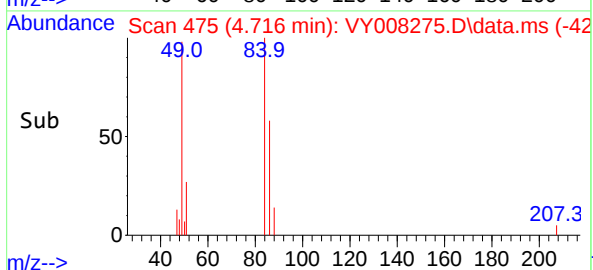
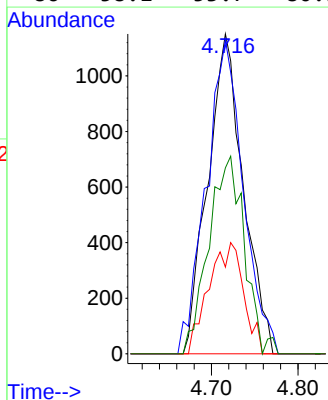
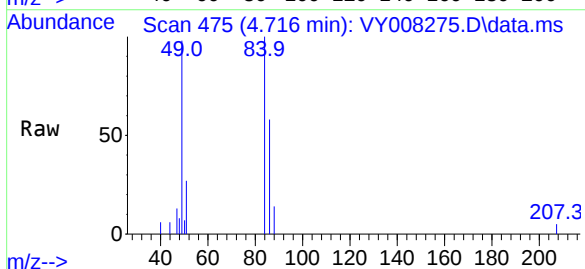
Ion Ratio Lower Upper

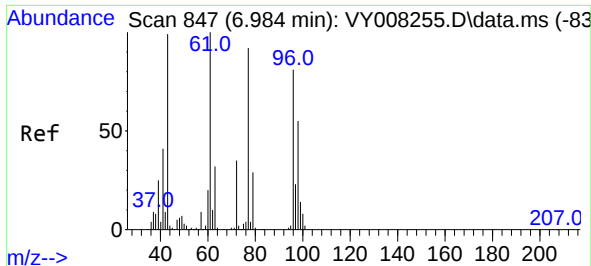
84 100

49 98.2 114.4 171.6#

51 27.1 35.3 52.9#

86 58.1 53.7 80.5





#25

2-Butanone

Concen: 1.992 ug/l

RT: 6.789 min Scan# 815

Delta R.T. -0.195 min

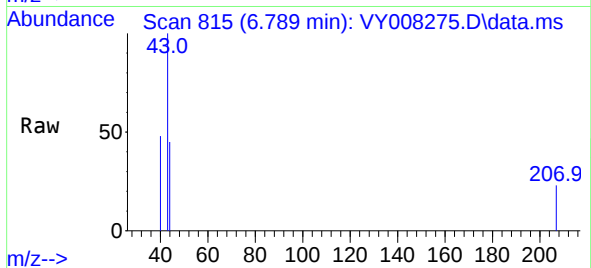
Lab File: VY008275.D

Acq: 11 Apr 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

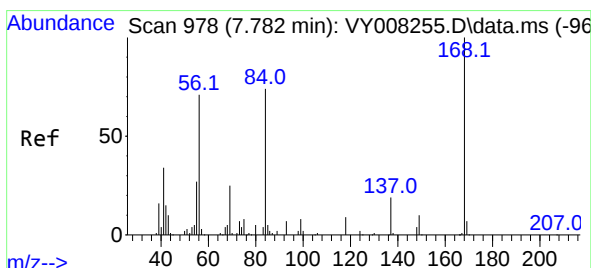
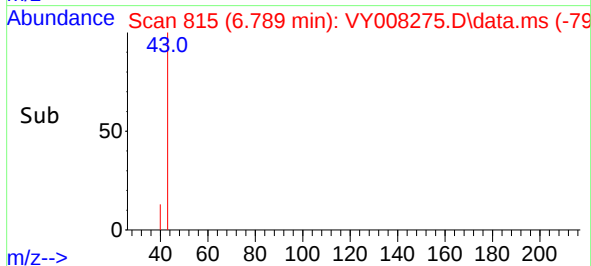
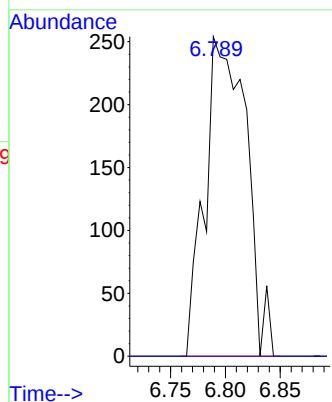


Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.074 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.001 min

Lab File: VY008275.D

Acq: 11 Apr 2022 16:12

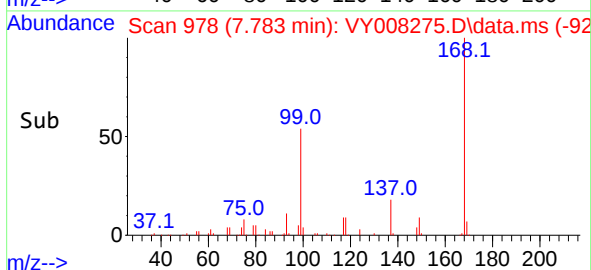
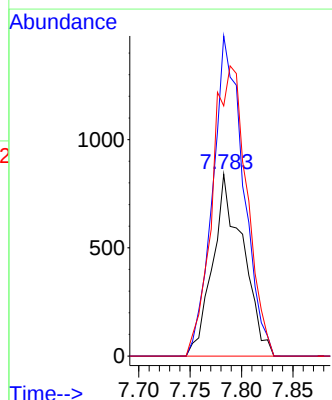
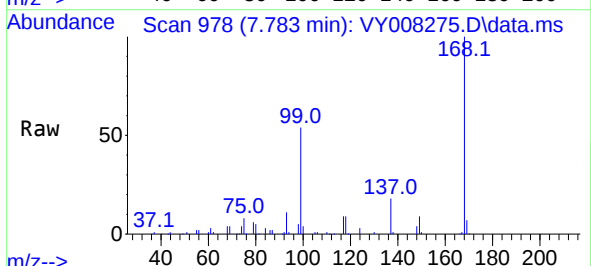
Tgt Ion: 56 Resp: 1723

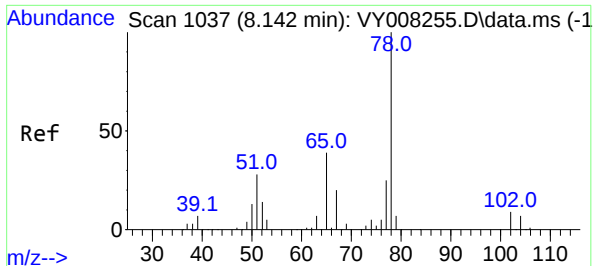
Ion Ratio Lower Upper

56 100

69 176.1 26.7 40.1#

84 137.6 67.2 100.8#

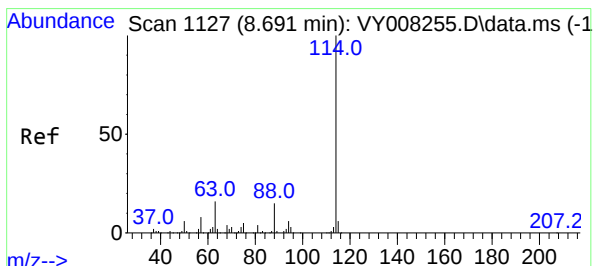
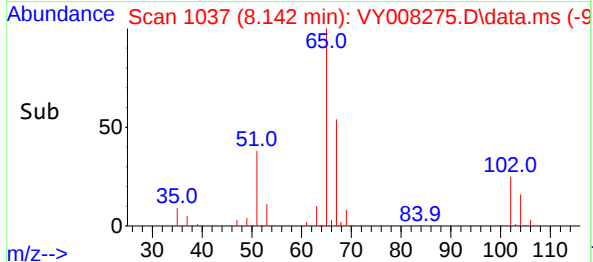
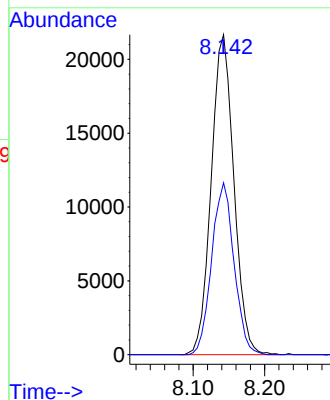
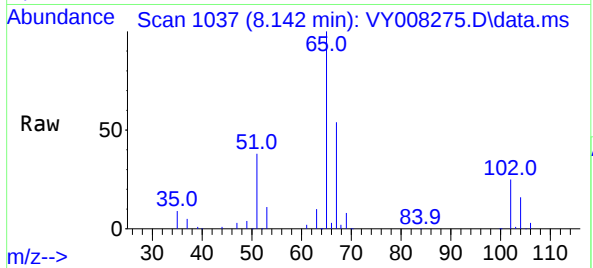




#33
1,2-Dichloroethane-d4
Concen: 53.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

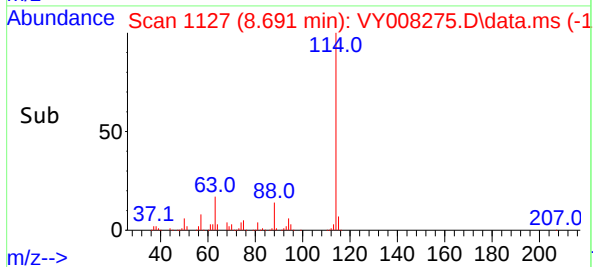
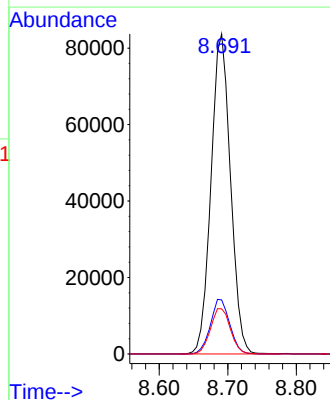
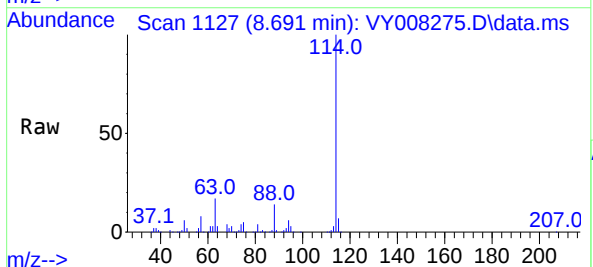
Instrument :
MSVOA_Y
ClientSampleId :

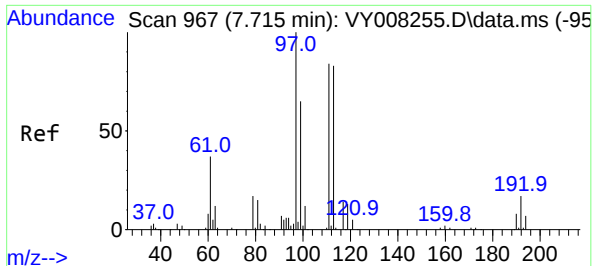
Tgt Ion: 65 Resp: 47724
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

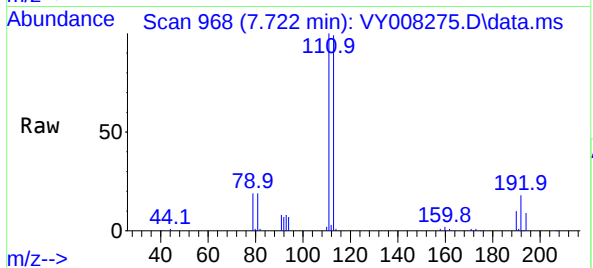
Tgt Ion: 114 Resp: 164758
Ion Ratio Lower Upper
114 100
63 16.9 0.0 43.2
88 14.1 0.0 31.8



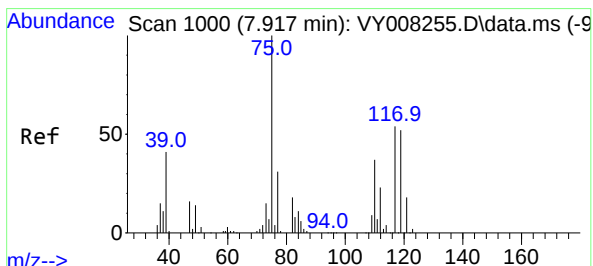
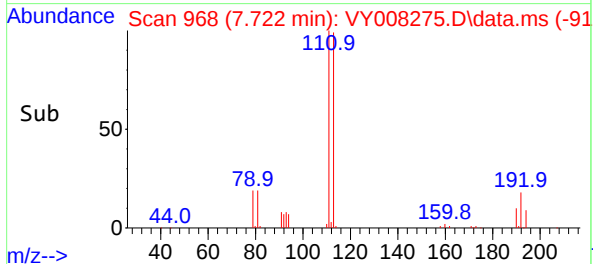
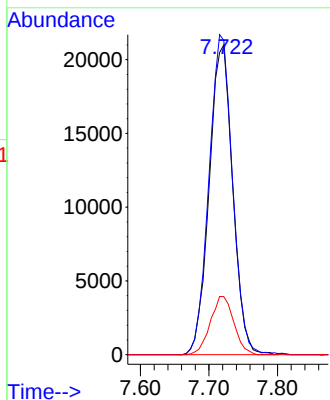


#35
Dibromofluoromethane
Concen: 52.612 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :

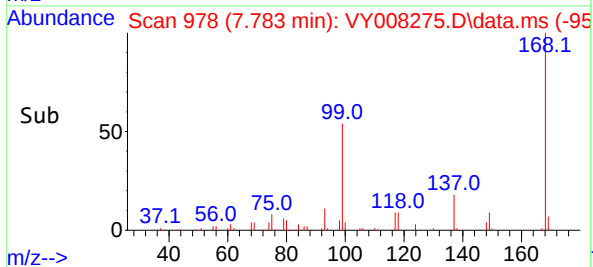
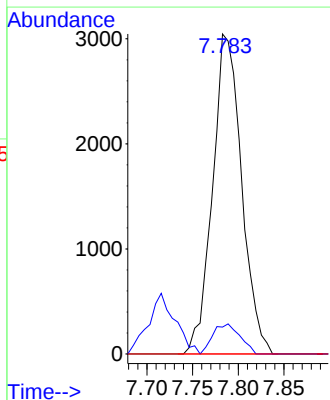
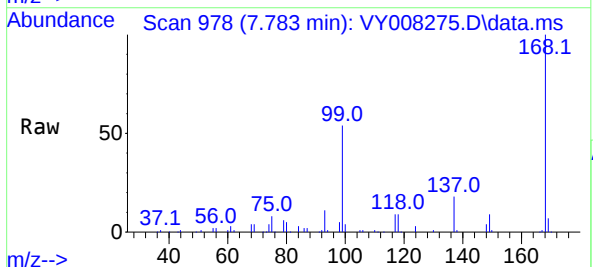


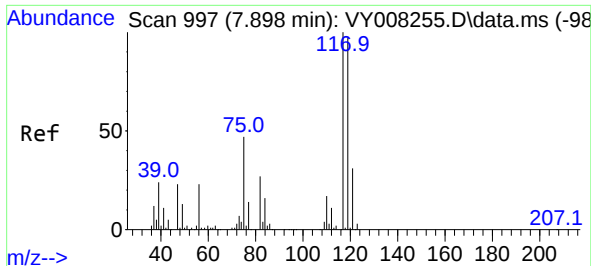
Tgt Ion:113 Resp: 50066
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

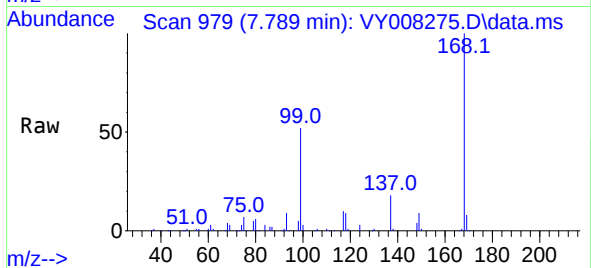
Tgt Ion: 75 Resp: 6726
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



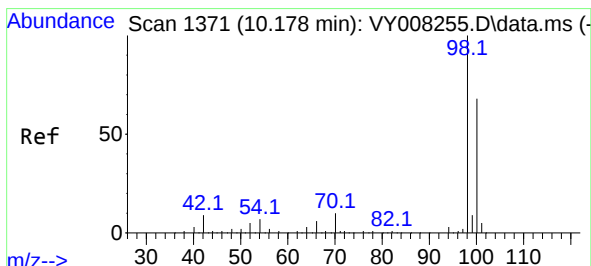
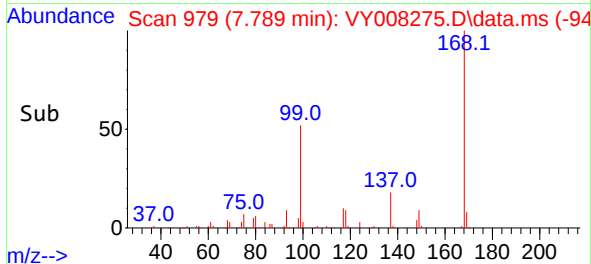
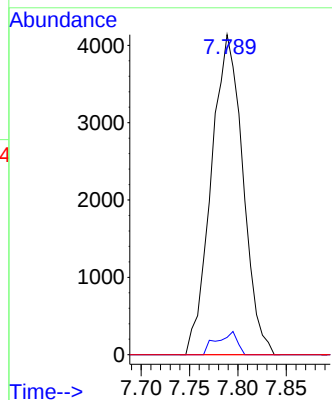


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :

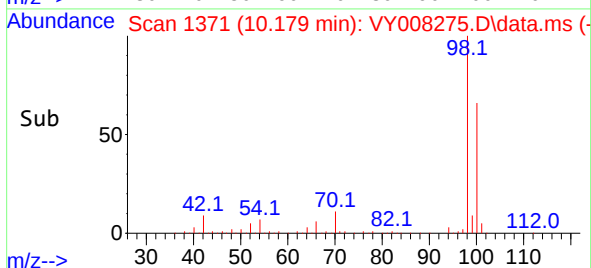
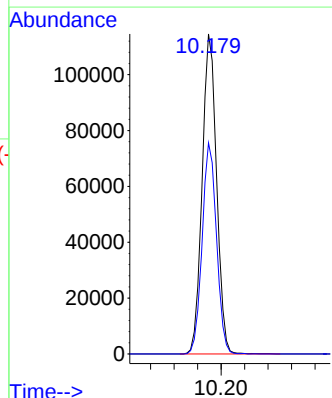
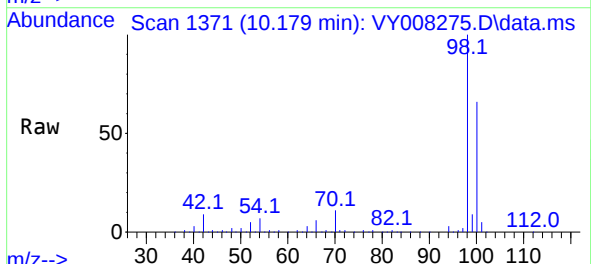


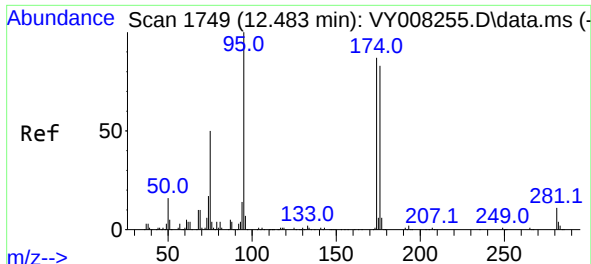
Tgt Ion:117 Resp: 9420
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.059 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Tgt Ion: 98 Resp: 195567
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

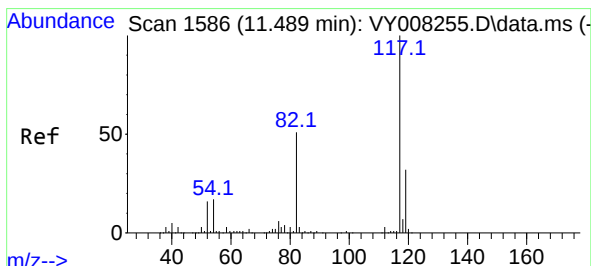
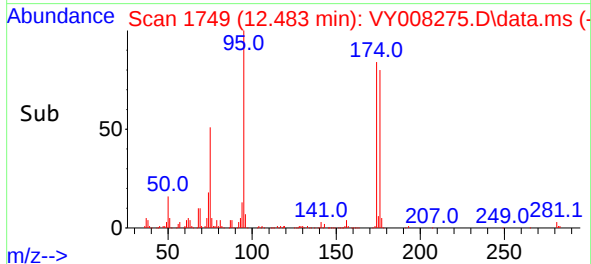
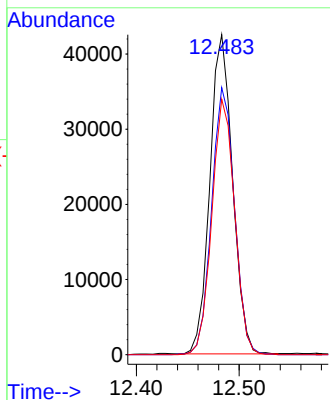
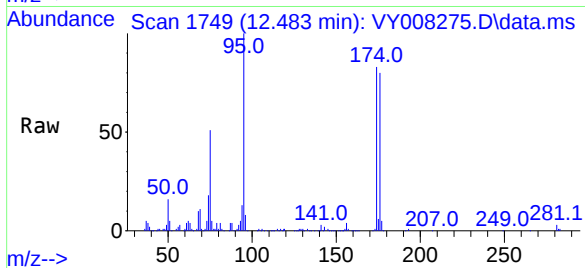




#62
4-Bromofluorobenzene
Concen: 53.042 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

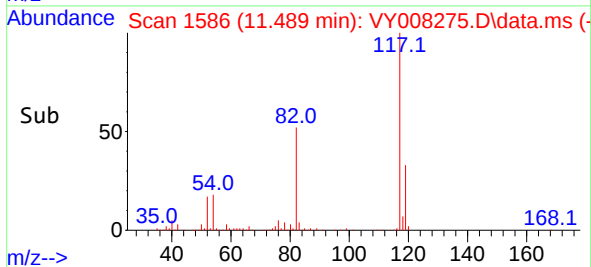
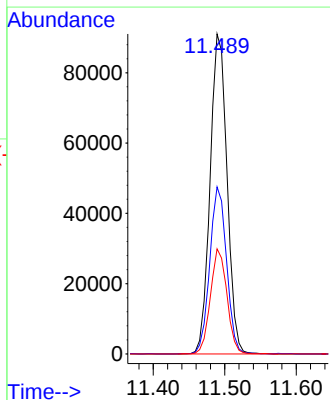
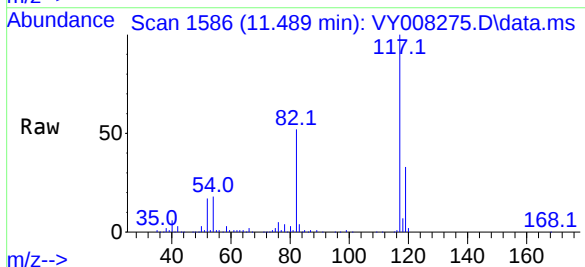
Instrument :
MSVOA_Y
ClientSampleId :

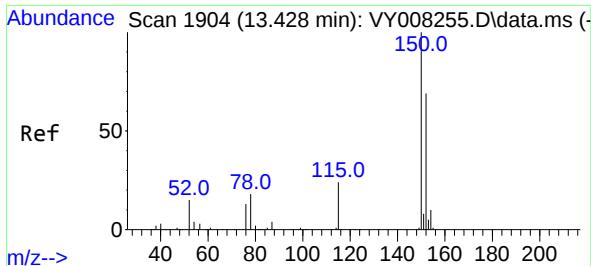
Tgt Ion: 95 Resp: 64963
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 80.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

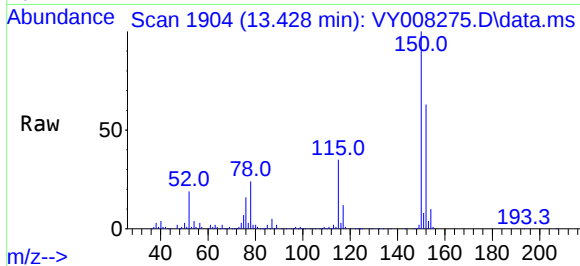
Tgt Ion: 117 Resp: 149706
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.9 25.4 38.0



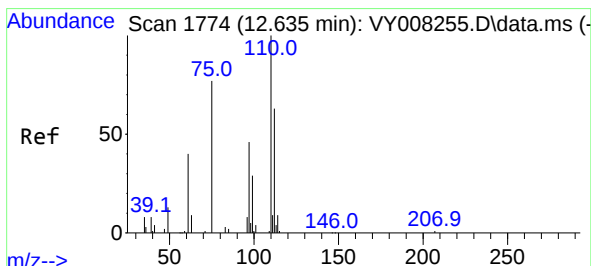
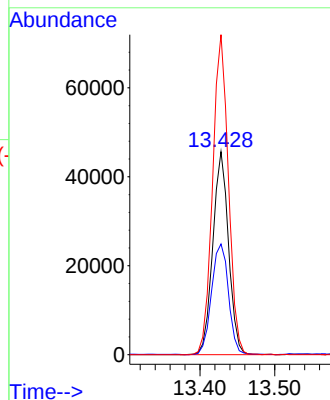
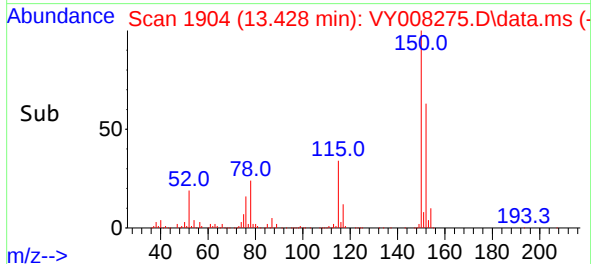


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :

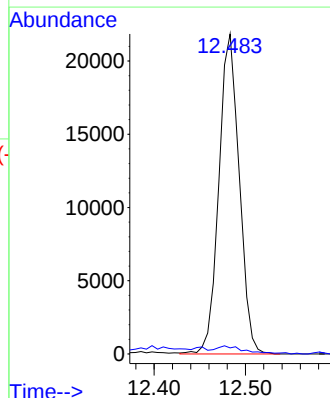
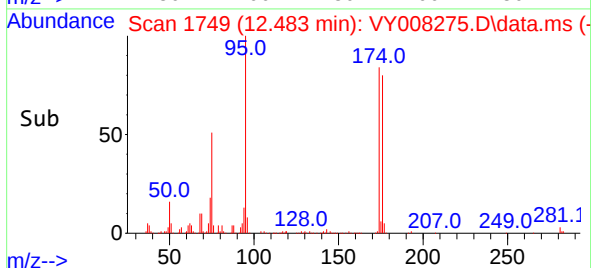
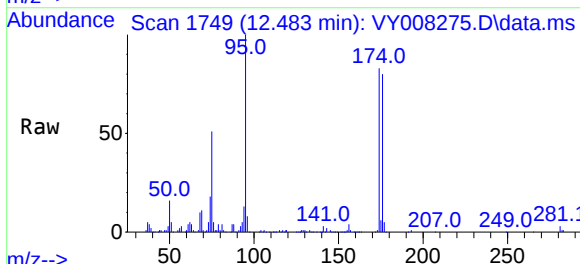


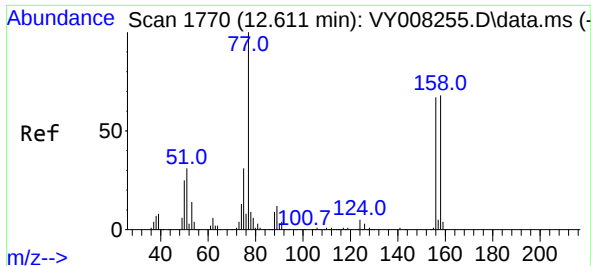
Tgt Ion:152 Resp: 66718
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Tgt Ion: 75 Resp: 33874
Ion Ratio Lower Upper
75 100
77 3.7 0.0 0.0#

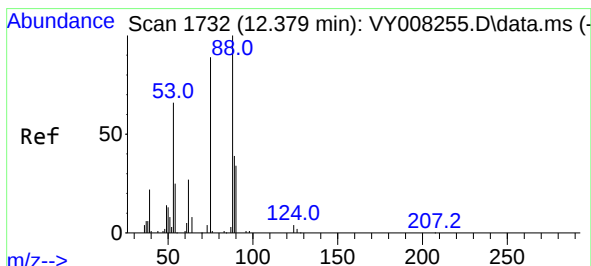
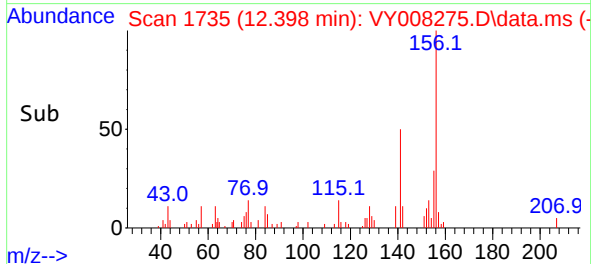
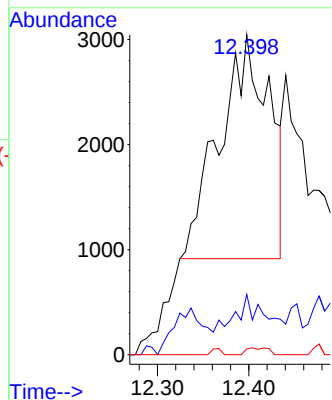
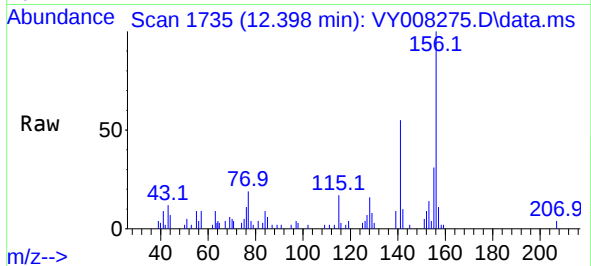




#77
Bromobenzene
Concen: 6.629 ug/l
RT: 12.398 min Scan# 1749
Delta R.T. -0.213 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 8058
Ion Ratio Lower Upper
156 100
77 9.2 95.5 286.4#
158 1.3 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008275.D
Acq: 11 Apr 2022 16:12

Tgt Ion: 75 Resp: 33874
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.2 37.0 55.4#

