

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009669.D
 Acq On : 22 Jul 2022 18:57
 Operator : KP/MD
 Sample : N3836-02
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jul 23 00:55:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

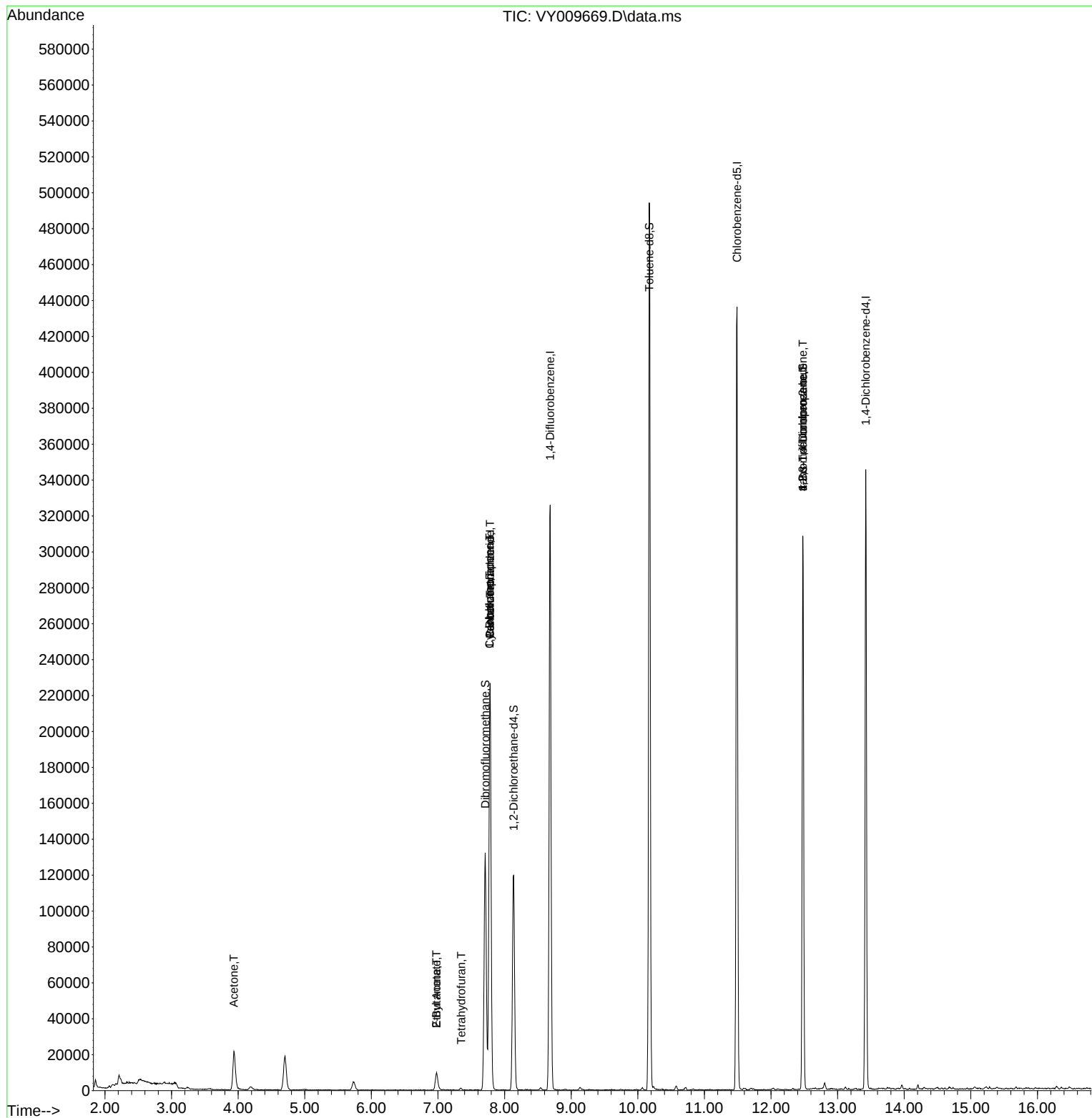
Internal Standards						
1) Pentafluorobenzene	7.782	168	190279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	289719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94157	52.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.640%	
35) Dibromofluoromethane	7.709	113	90606	49.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.280%	
50) Toluene-d8	10.172	98	326269	46.499	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 93.000%	
62) 4-Bromofluorobenzene	12.477	95	89971	39.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 79.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	382	Below Cal	#	77
16) Acetone	3.936	43	37550	82.485	ug/l	90
20) Methylene Chloride	4.704	84	14590	Below Cal	#	80
25) 2-Butanone	6.978	43	15808	23.806	ug/l	# 87
29) Tetrahydrofuran	7.350	42	557	1.278	ug/l	# 88
31) Cyclohexane	7.776	56	3289	1.037	ug/l	# 1
36) 1,1-Dichloropropene	7.776	75	11769	4.363	ug/l	# 51
37) Ethyl Acetate	6.978	43	15808	10.531	ug/l	# 72
38) Carbon Tetrachloride	7.782	117	17148	6.073	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	45511	51.886	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	45511	102.308	ug/l	# 7

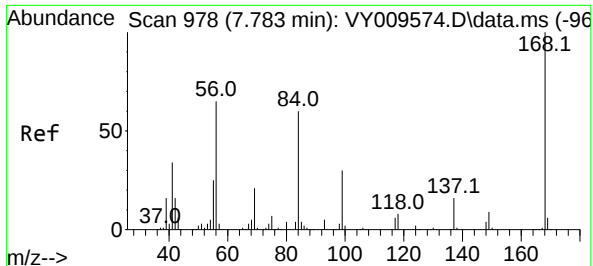
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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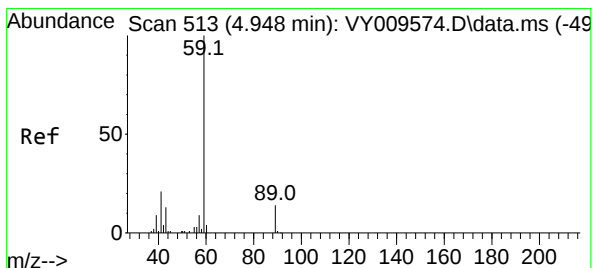
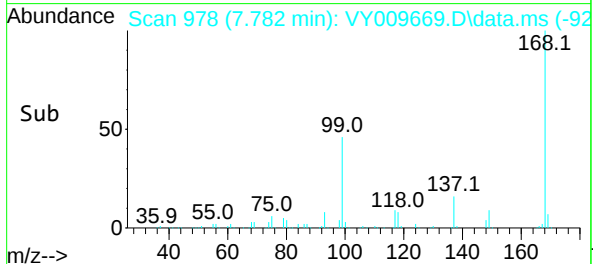
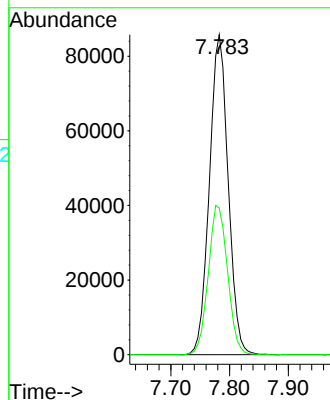
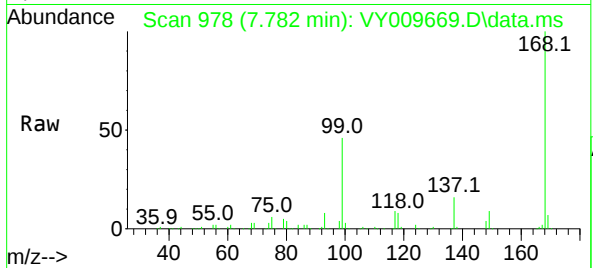




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

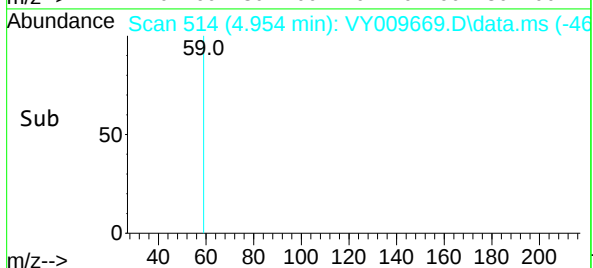
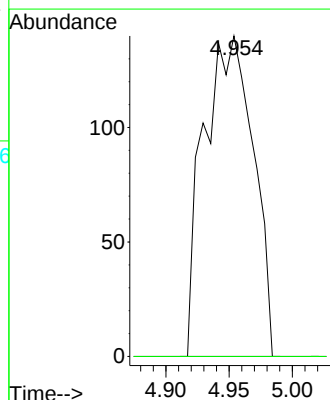
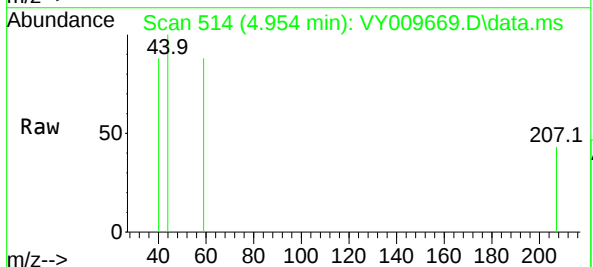
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

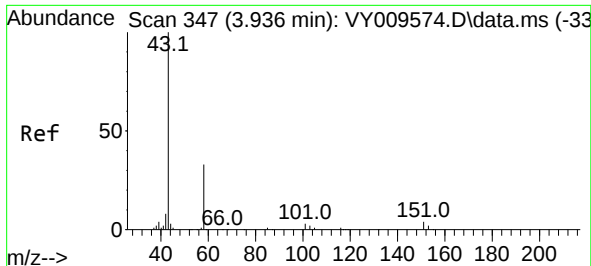
Tgt Ion:168 Resp: 190279
Ion Ratio Lower Upper
168 100
99 45.8 46.9 70.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

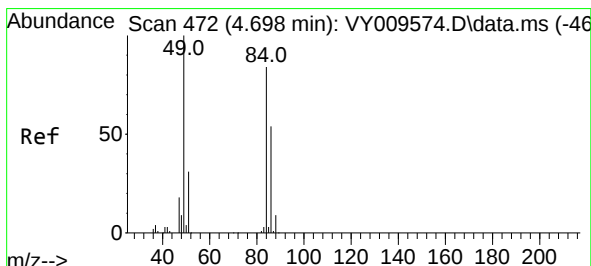
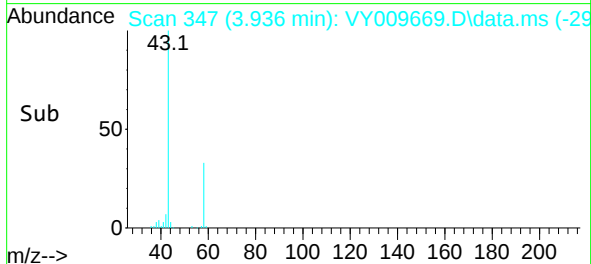
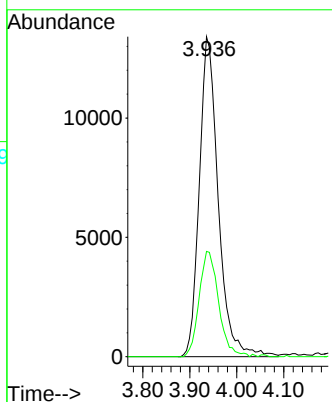
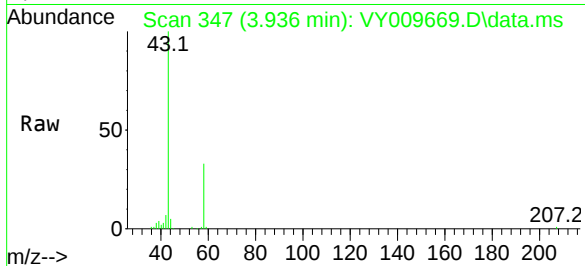




#16
Acetone
Concen: 82.485 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

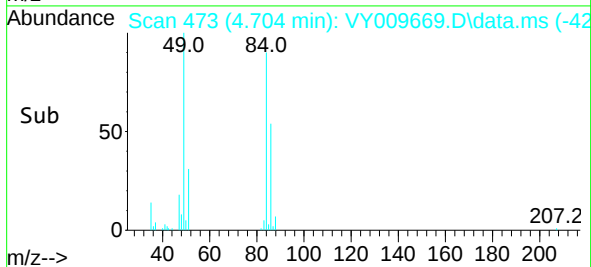
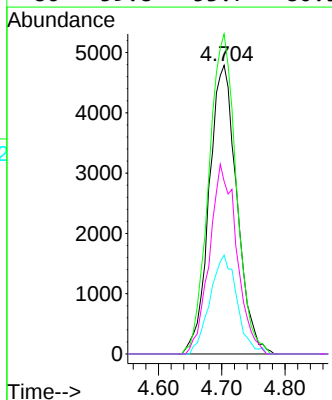
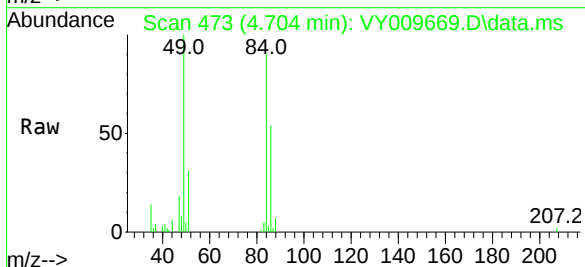
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

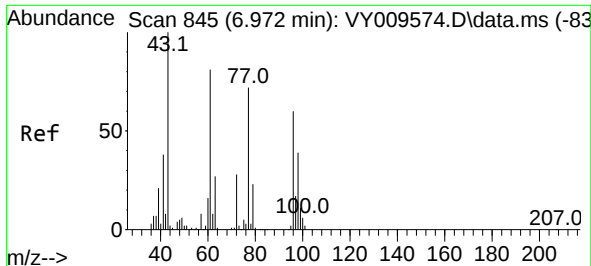
Tgt Ion: 43 Resp: 37550
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 84 Resp: 14590
Ion Ratio Lower Upper
84 100
49 110.9 114.4 171.6#
51 34.2 35.3 52.9#
86 59.8 53.7 80.5

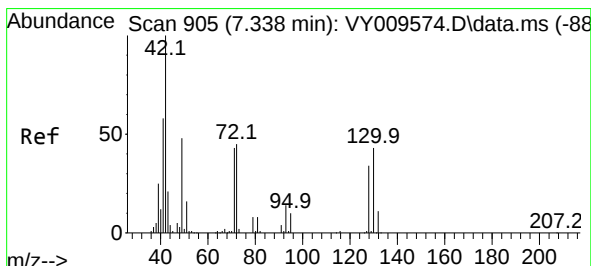
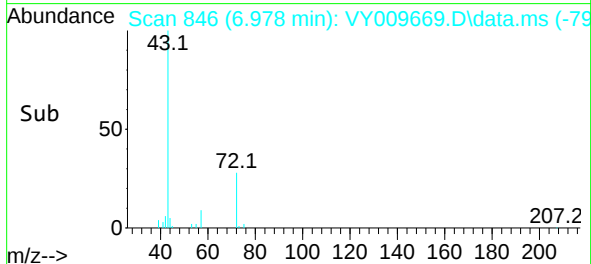
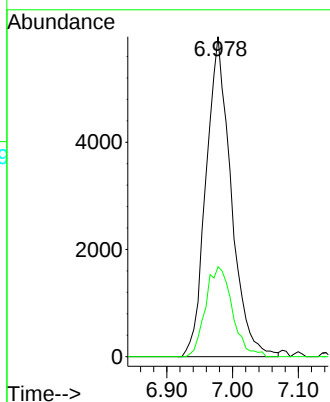
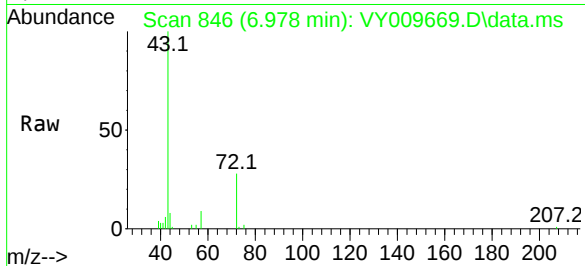




#25
2-Butanone
Concen: 23.806 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

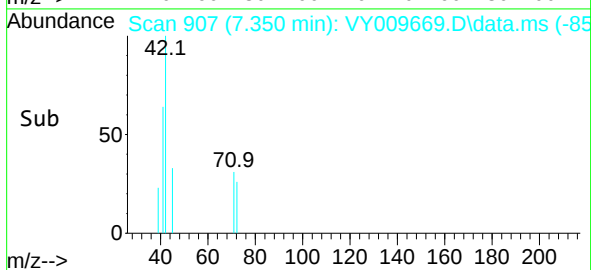
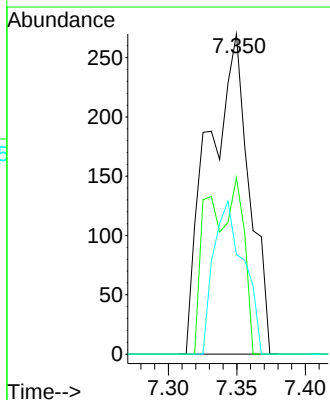
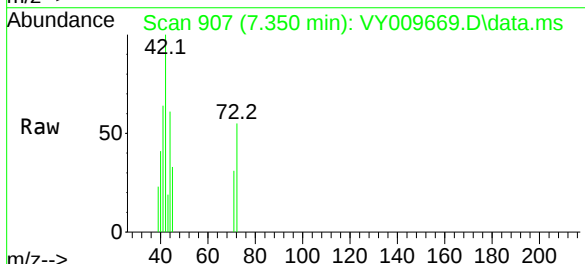
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

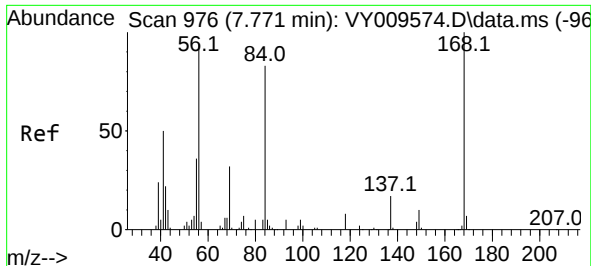
Tgt Ion: 43 Resp: 15808
Ion Ratio Lower Upper
43 100
72 28.1 17.7 26.5#



#29
Tetrahydrofuran
Concen: 1.278 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 42 Resp: 557
Ion Ratio Lower Upper
42 100
72 24.1 30.3 45.5#
71 35.4 29.0 43.4

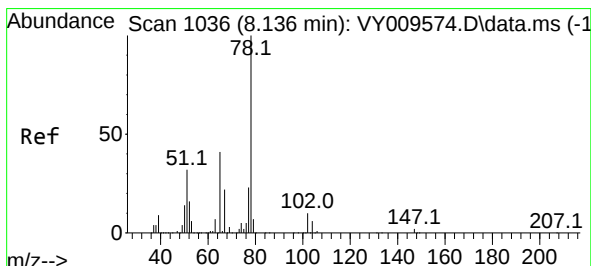
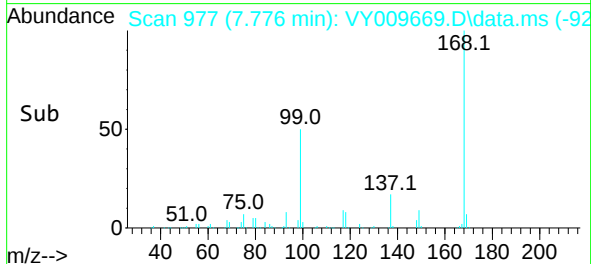
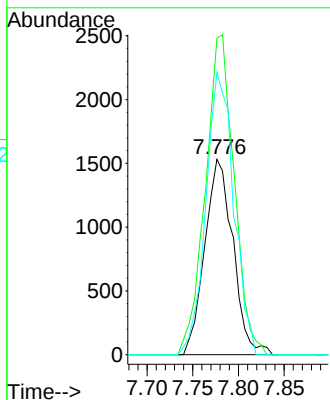
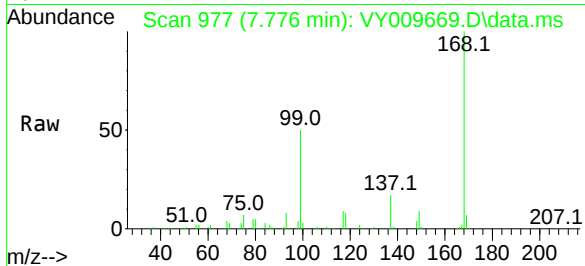




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.776 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

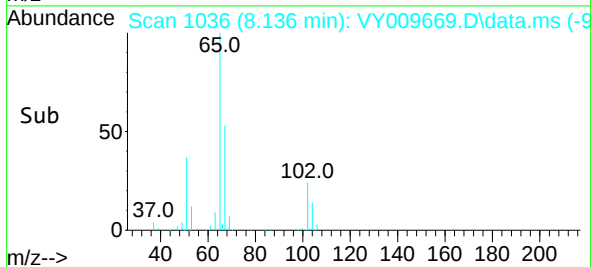
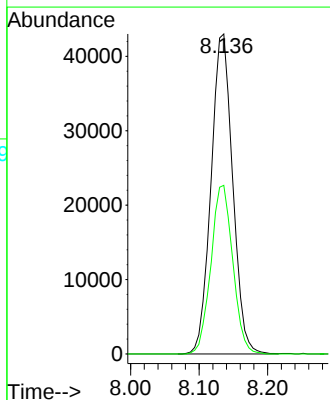
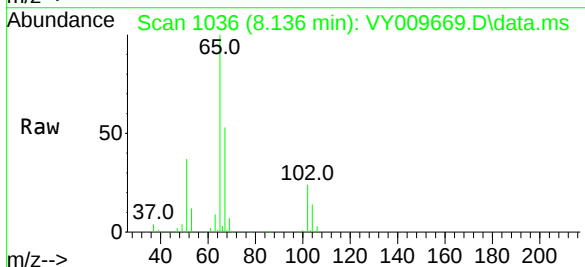
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

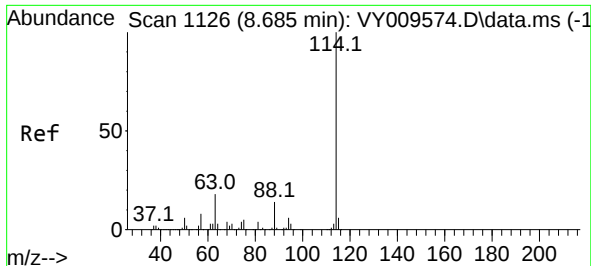
Tgt Ion: 56 Resp: 3289
Ion Ratio Lower Upper
56 100
69 161.9 26.7 40.1#
84 144.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 65 Resp: 94157
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009669.D

Acq: 22 Jul 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

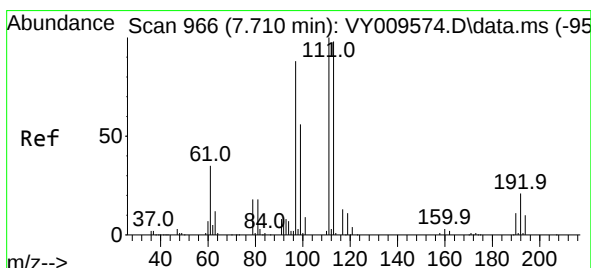
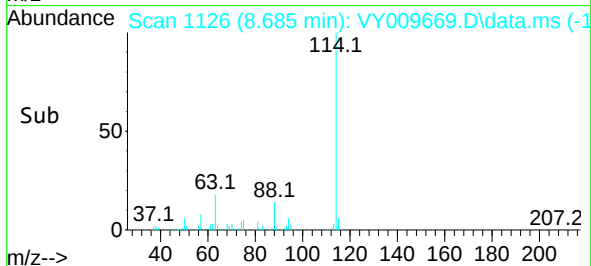
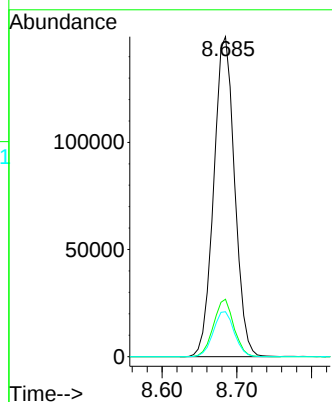
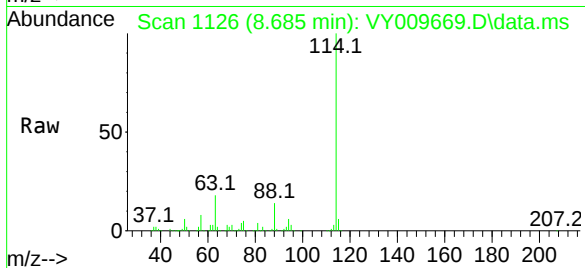
Tgt Ion:114 Resp: 289719

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.641 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009669.D

Acq: 22 Jul 2022 18:57

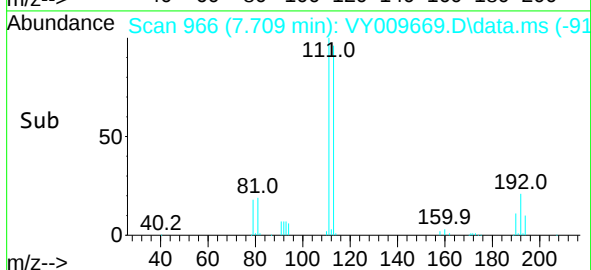
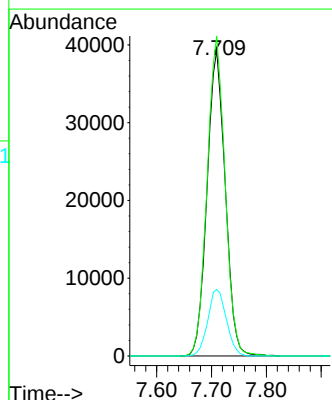
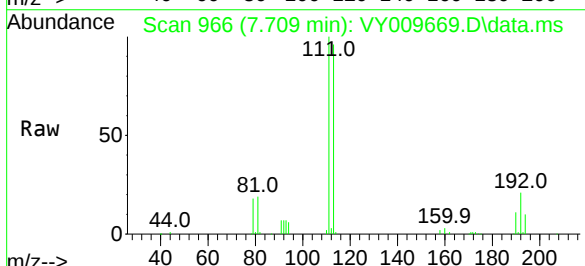
Tgt Ion:113 Resp: 90606

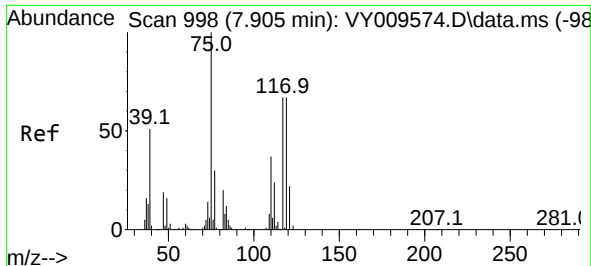
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 22.2 17.6 26.4

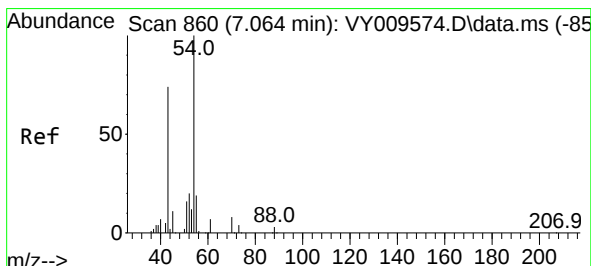
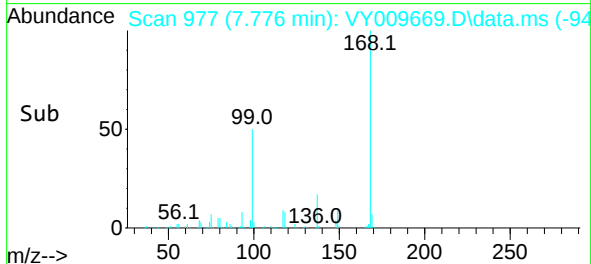
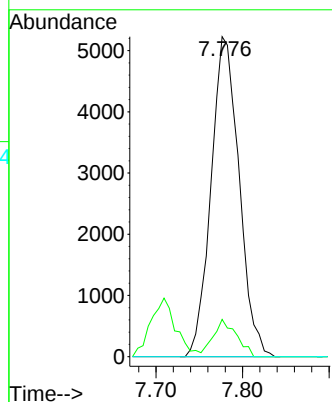
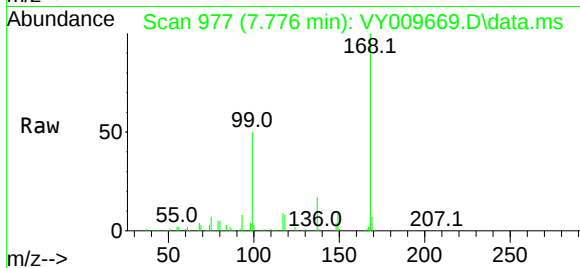




#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

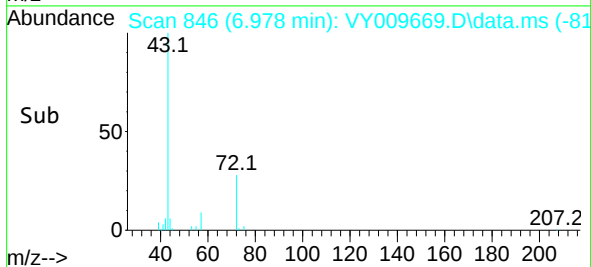
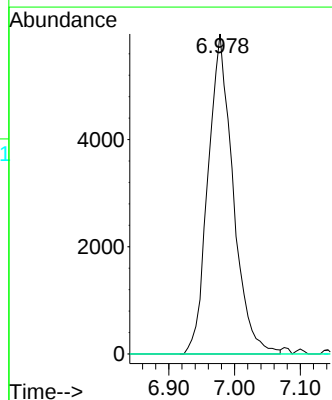
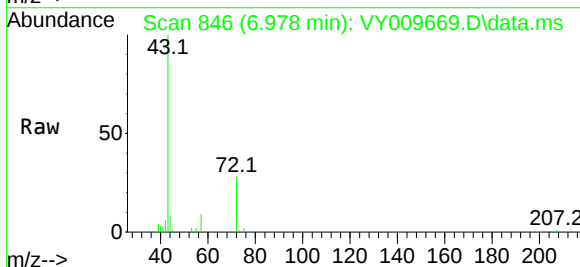
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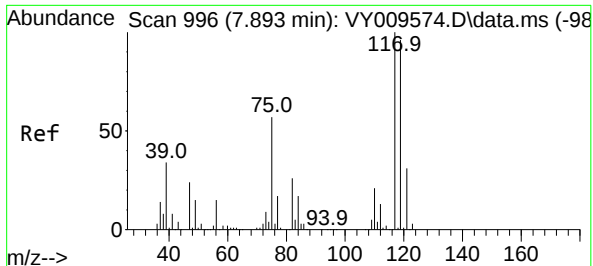
Tgt Ion: 75 Resp: 11769
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 10.531 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.086 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 43 Resp: 15808
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

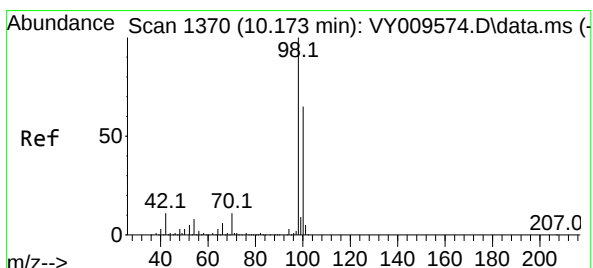
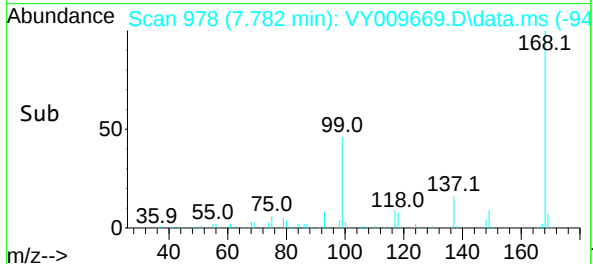
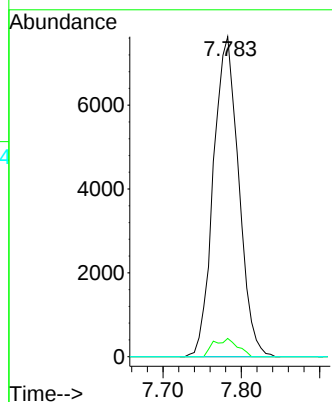
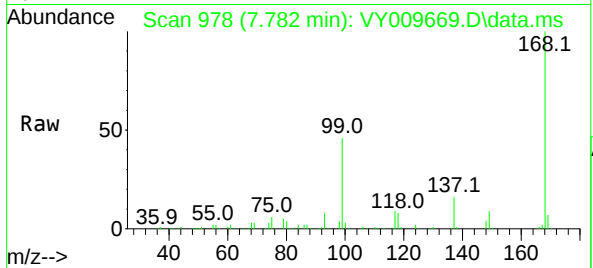




#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

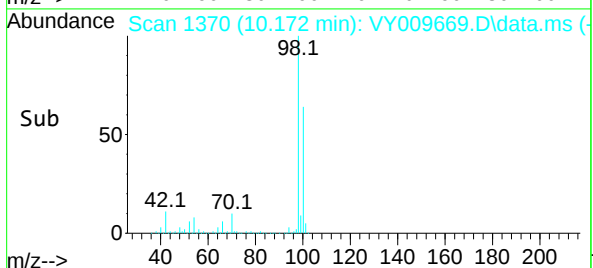
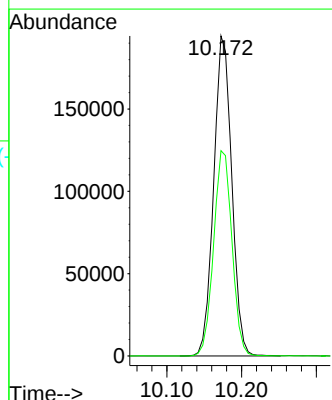
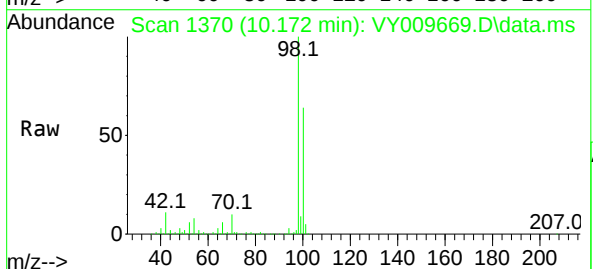
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

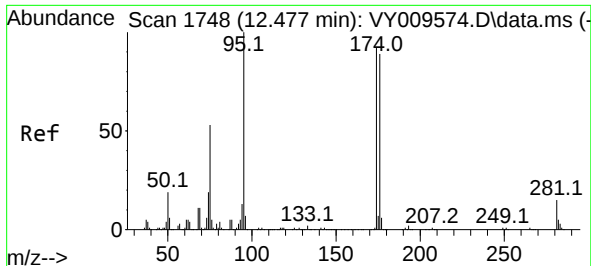
Tgt Ion:117 Resp: 17148
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.499 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 98 Resp: 326269
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

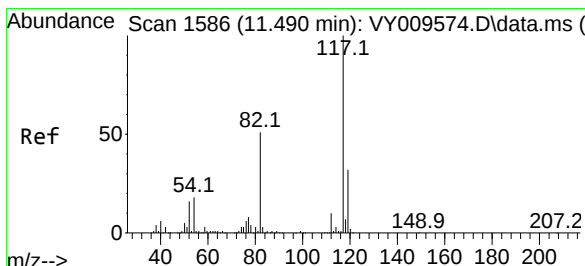
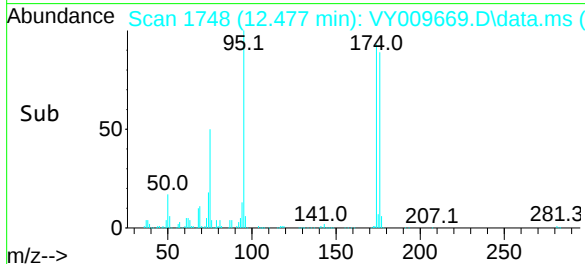
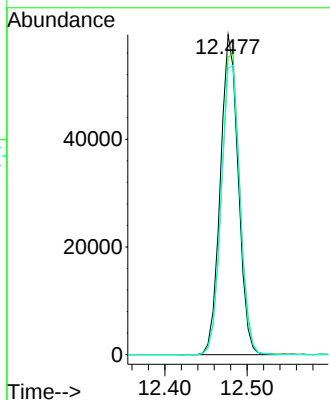
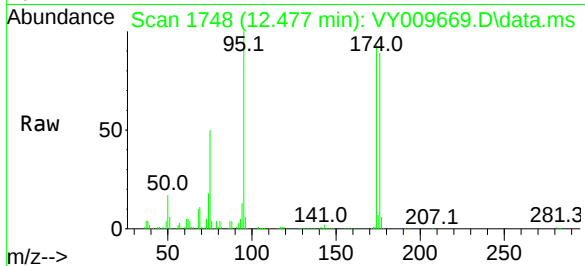




#62
4-Bromofluorobenzene
Concen: 39.572 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

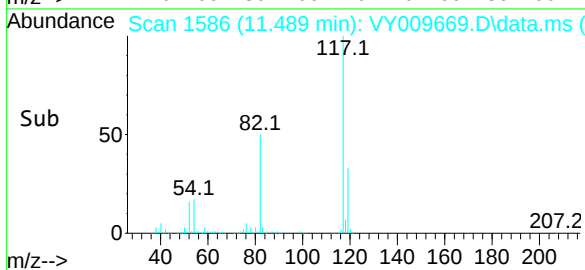
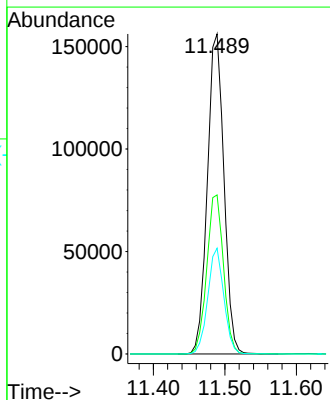
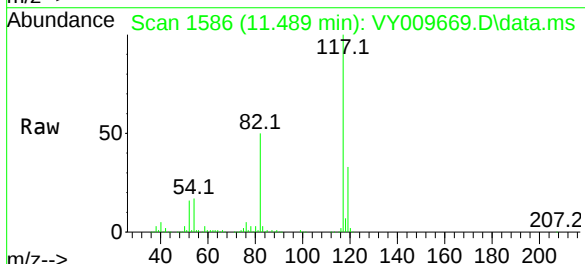
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

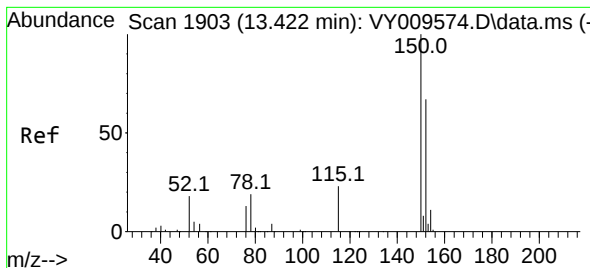
Tgt Ion: 95 Resp: 89971
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 93.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009669.D
Acq: 22 Jul 2022 18:57

Tgt Ion: 117 Resp: 251109
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 33.1 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: VY009669.D

Acq: 22 Jul 2022 18:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

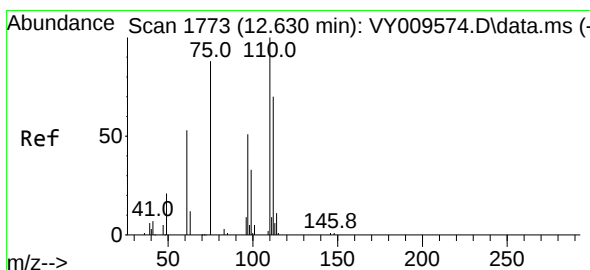
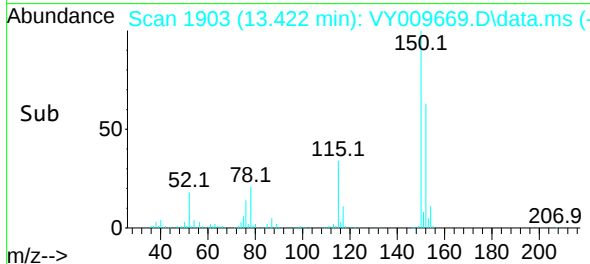
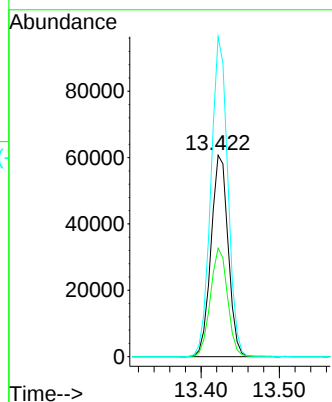
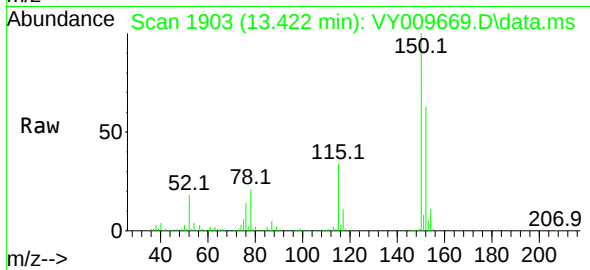
Tgt Ion:152 Resp: 92077

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 156.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 51.886 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009669.D

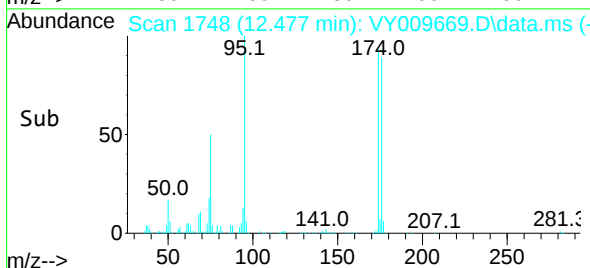
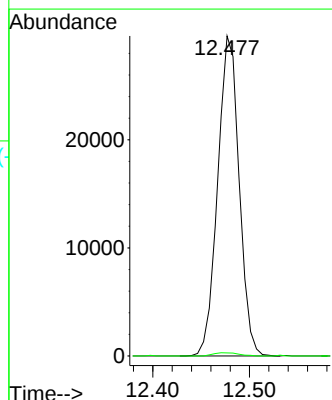
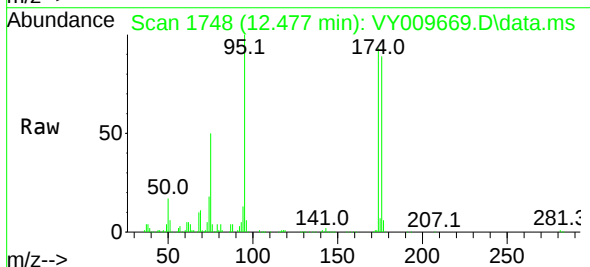
Acq: 22 Jul 2022 18:57

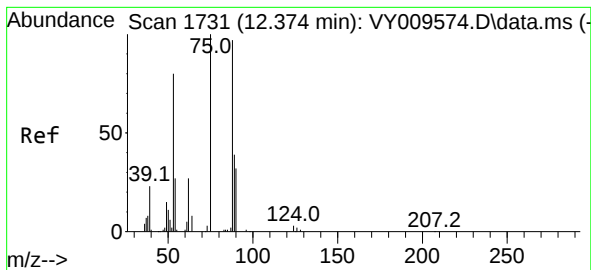
Tgt Ion: 75 Resp: 45511

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.308 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009669.D
 Acq: 22 Jul 2022 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Tgt Ion: 75 Resp: 45511
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

