

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009770.D
 Acq On : 29 Jul 2022 14:18
 Operator : KP/MD
 Sample : N3930-08
 Misc : 2.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-100

Quant Time: Aug 01 01:12:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

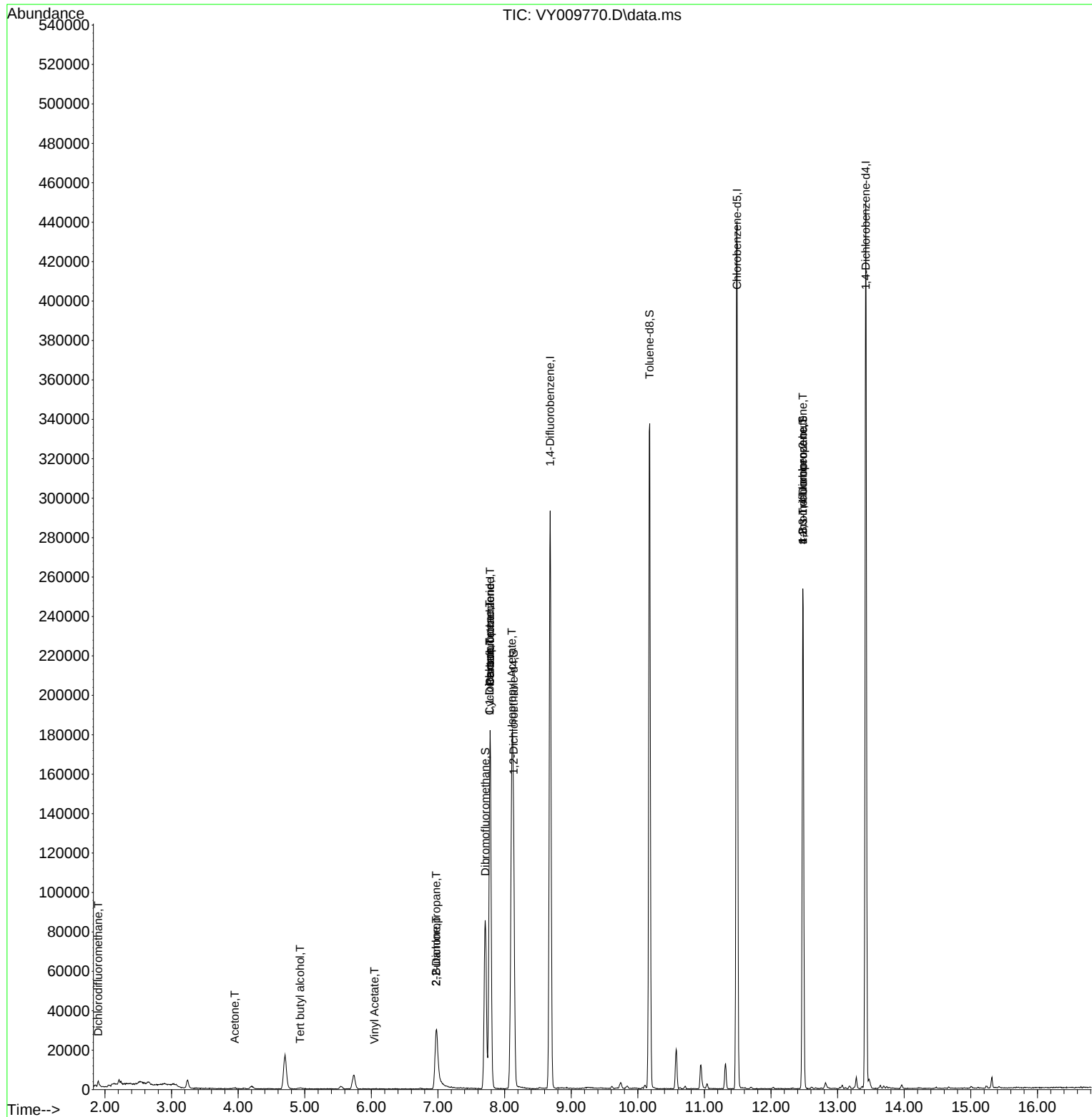
Internal Standards						
1) Pentafluorobenzene	7.783	168	148965	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	258879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	253530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63412	65.561	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.120%	
35) Dibromofluoromethane	7.710	113	61231	43.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.980%	
50) Toluene-d8	10.179	98	225010	55.325	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 110.660%	
62) 4-Bromofluorobenzene	12.477	95	70032	37.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 75.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2120	1.599	ug/l	90
11) Tert butyl alcohol	4.930	59	567	3.064	ug/l #	77
16) Acetone	3.948	43	942	2.645	ug/l #	83
18) Methyl Acetate	4.472	43	181	Below Cal	#	56
20) Methylene Chloride	4.704	84	12735	Below Cal	#	81
23) Vinyl Acetate	6.045	43	144	7.522	ug/l #	75
25) 2-Butanone	6.972	43	1914	3.643	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	2692	1.147	ug/l #	55
31) Cyclohexane	7.777	56	2789	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10077	4.398	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13579	5.531	ug/l #	16
43) Isopropyl Acetate	8.106	43	3609	1.521	ug/l #	7
76) 1,2,3-Trichloropropane	12.477	75	34711	31.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34711	63.030	ug/l #	7

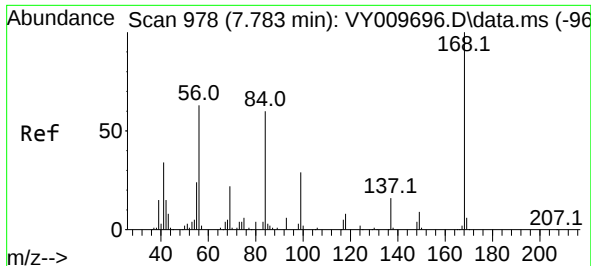
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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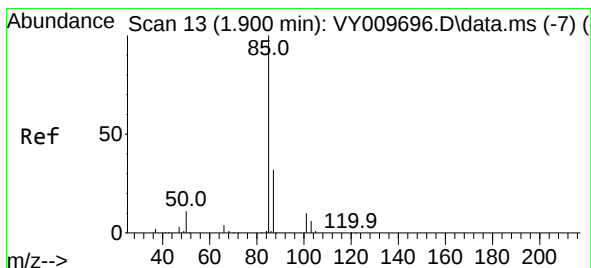
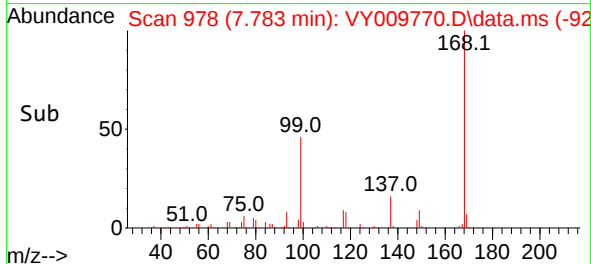
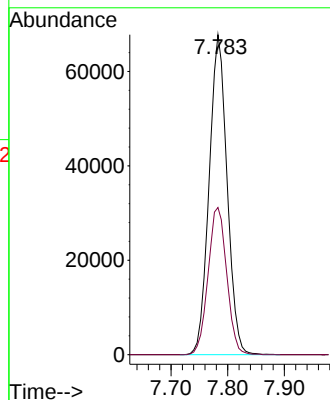
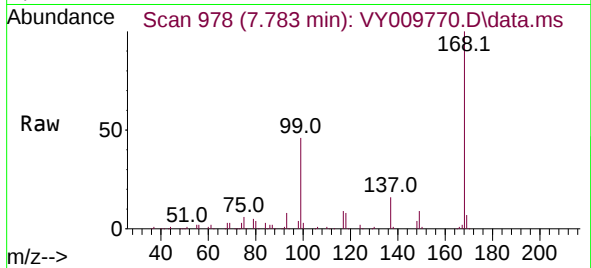




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

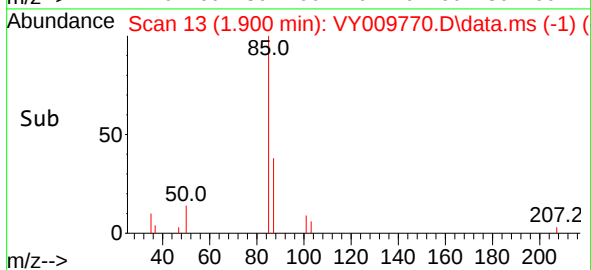
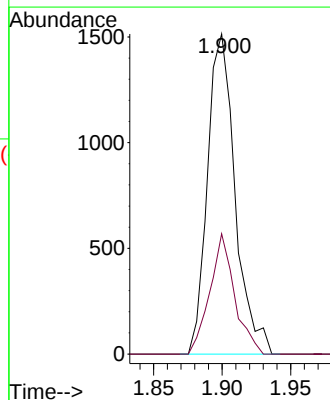
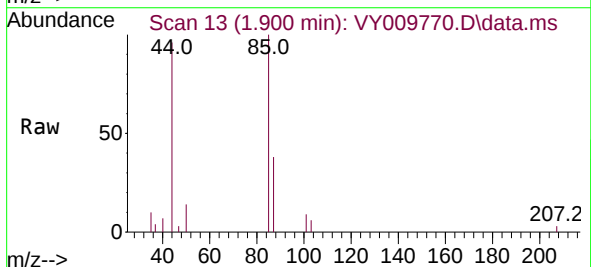
Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

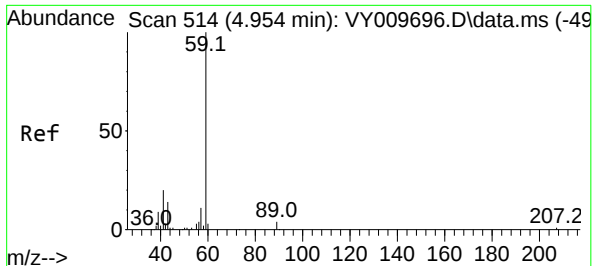
Tgt Ion:168 Resp: 148965
Ion Ratio Lower Upper
168 100
99 46.0 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 1.599 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 85 Resp: 2120
Ion Ratio Lower Upper
85 100
87 37.6 16.1 48.2

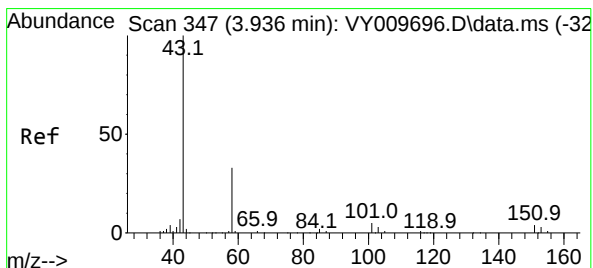
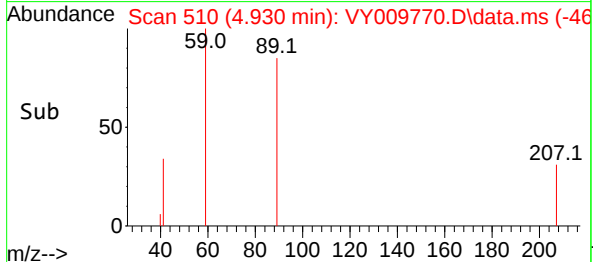
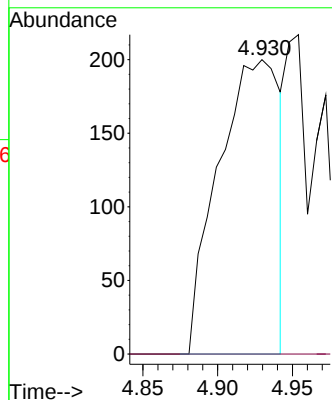
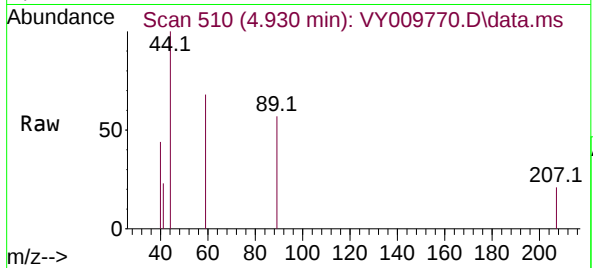




#11
Tert butyl alcohol
Concen: 3.064 ug/l
RT: 4.930 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

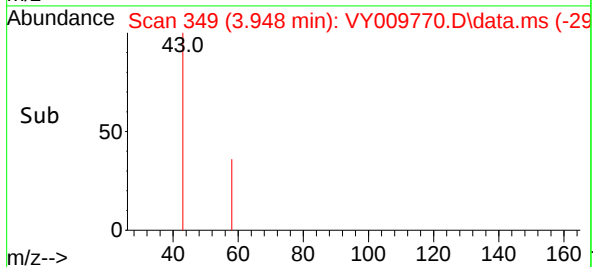
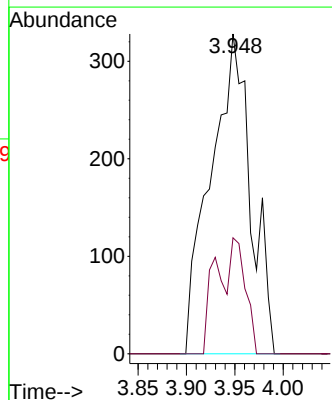
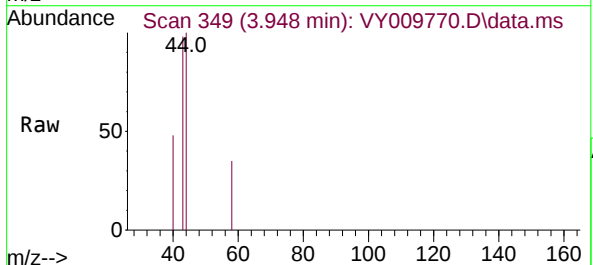
Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

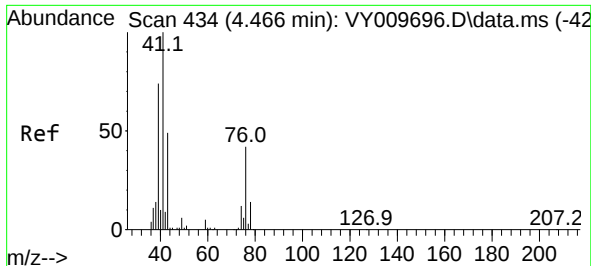
Tgt Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.645 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009770.D

Acq: 29 Jul 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

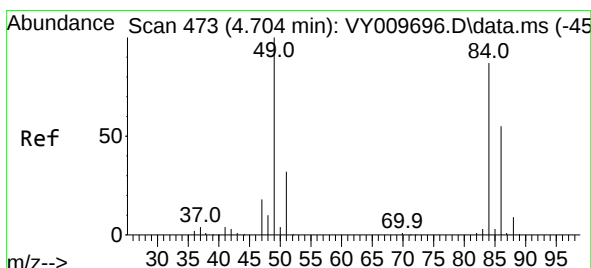
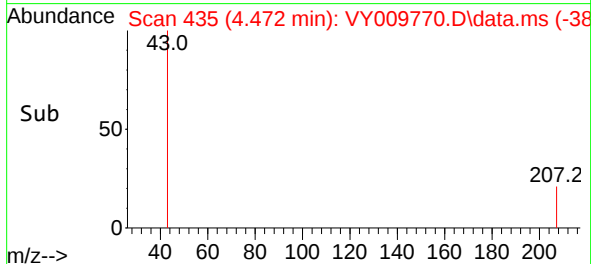
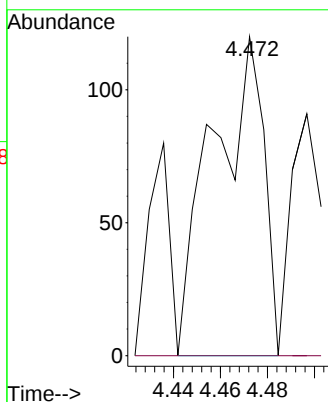
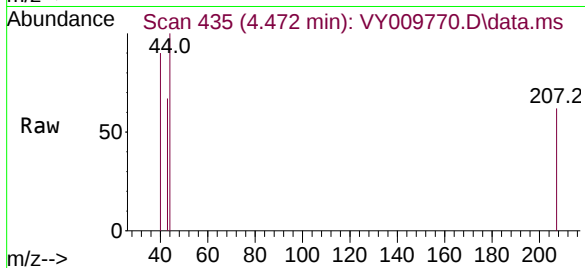
RVE-100

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009770.D

Acq: 29 Jul 2022 14:18

Tgt Ion: 84 Resp: 12735

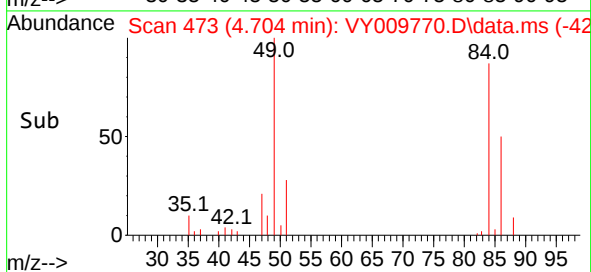
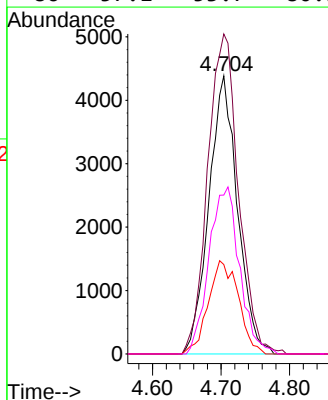
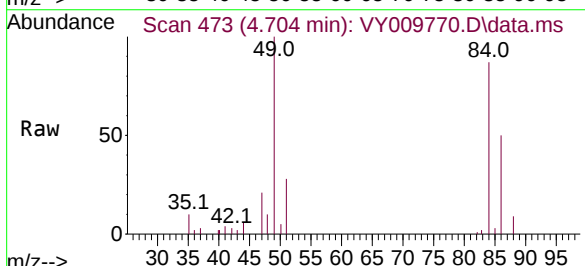
Ion Ratio Lower Upper

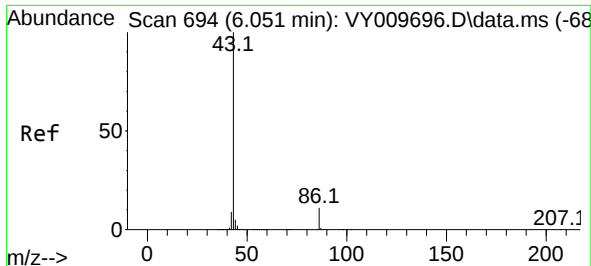
84 100

49 115.1 114.4 171.6

51 32.2 35.3 52.9#

86 57.1 53.7 80.5

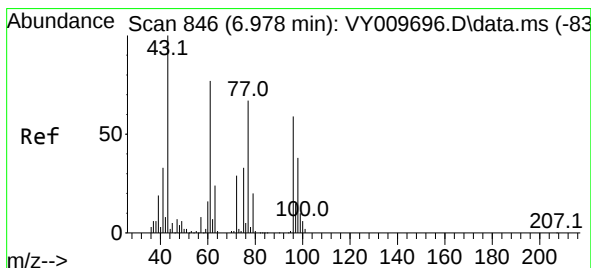
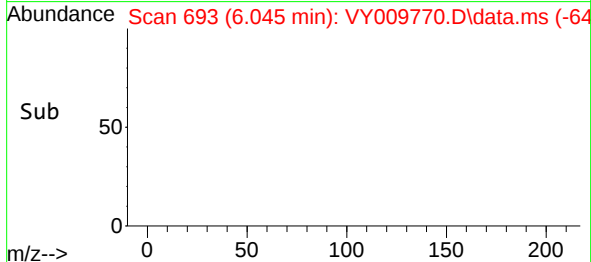
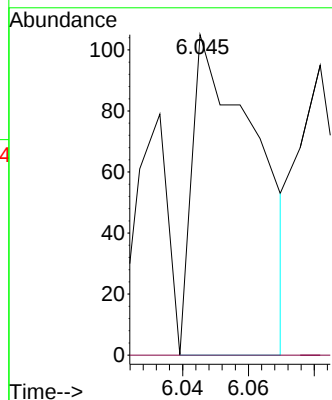
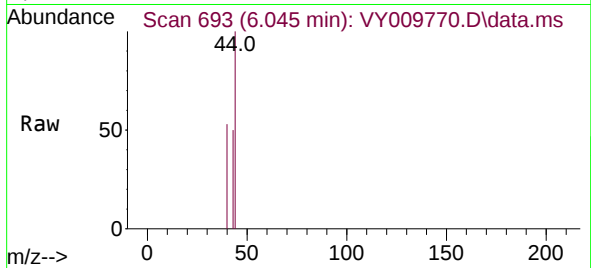




#23
 Vinyl Acetate
 Concen: 7.522 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY009770.D
 Acq: 29 Jul 2022 14:18

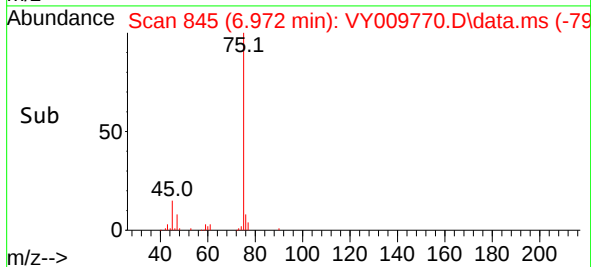
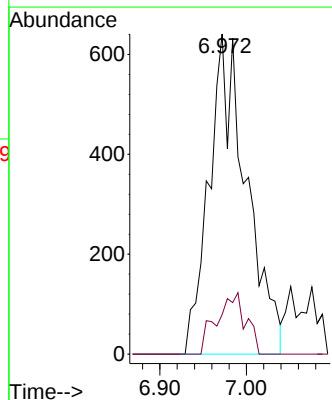
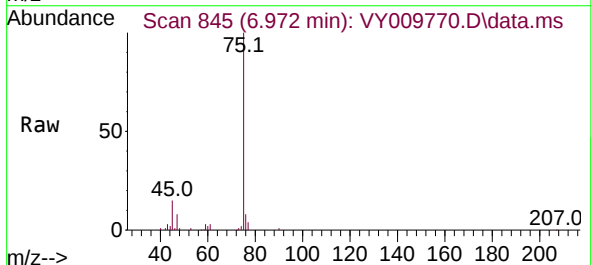
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-100

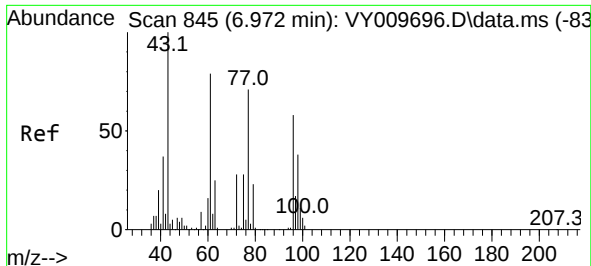
Tgt Ion: 43 Resp: 144
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 3.643 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.006 min
 Lab File: VY009770.D
 Acq: 29 Jul 2022 14:18

Tgt Ion: 43 Resp: 1914
 Ion Ratio Lower Upper
 43 100
 72 12.3 17.7 26.5#

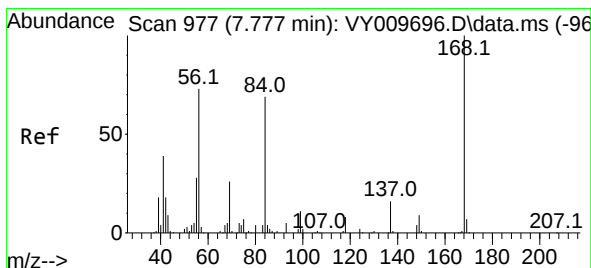
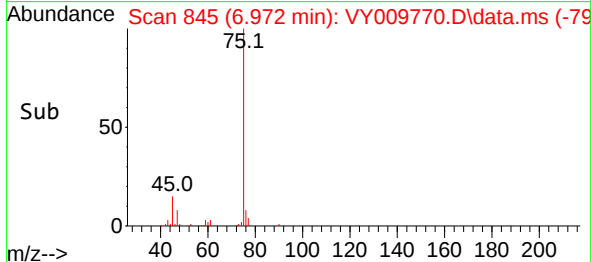
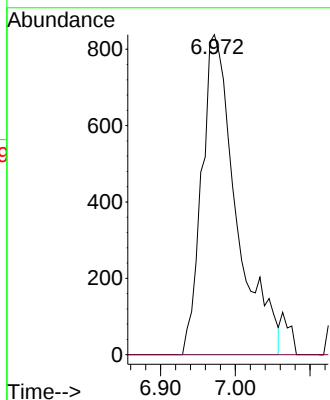
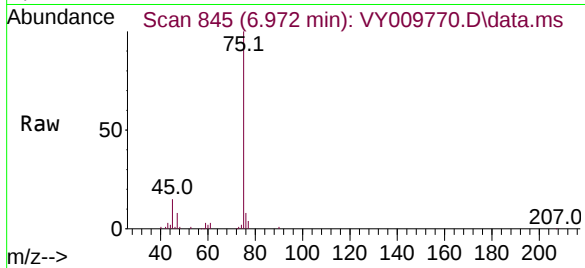




#26
2,2-Dichloropropane
Concen: 1.147 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

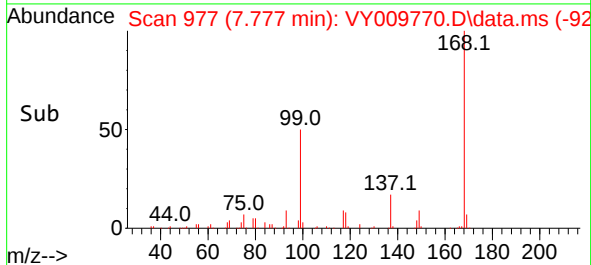
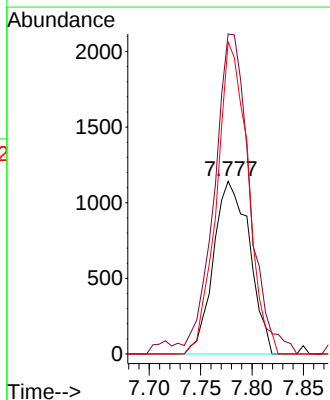
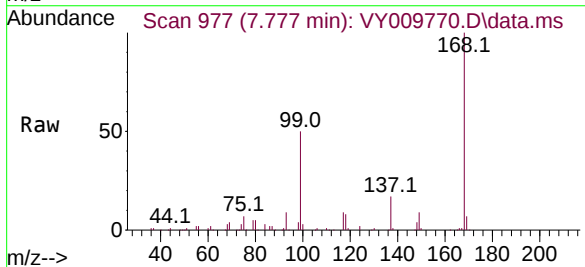
Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

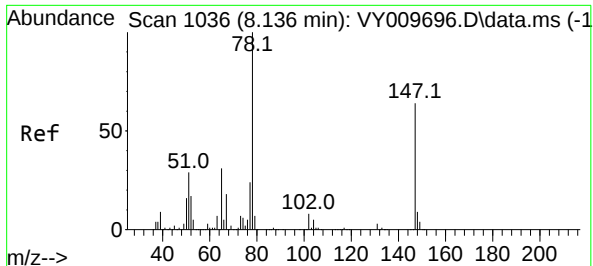
Tgt Ion: 77 Resp: 2692
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 56 Resp: 2789
Ion Ratio Lower Upper
56 100
69 179.1 26.7 40.1#
84 180.6 67.2 100.8#

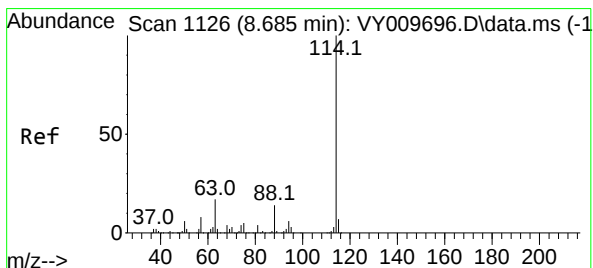
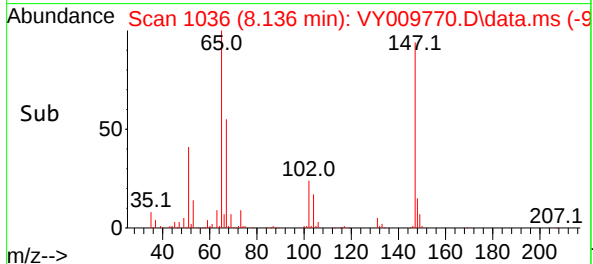
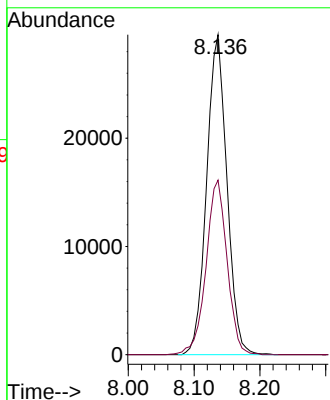
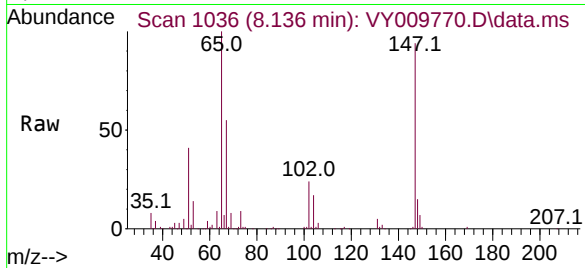




#33
 1,2-Dichloroethane-d4
 Concen: 65.561 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009770.D
 Acq: 29 Jul 2022 14:18

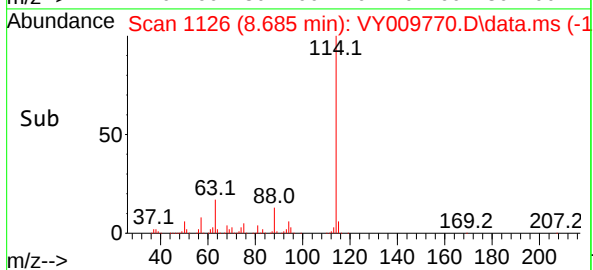
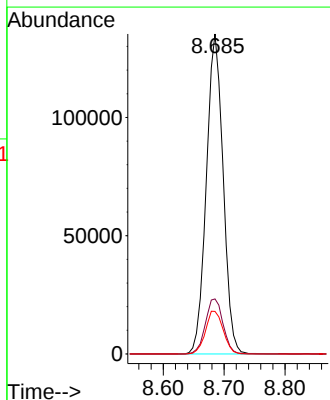
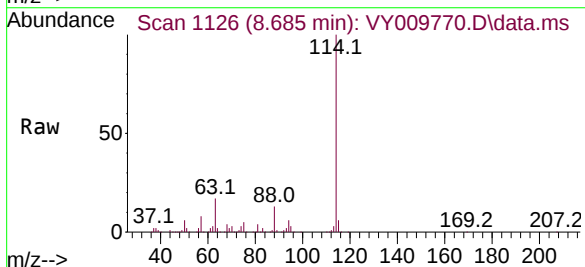
Instrument :
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 RVE-100

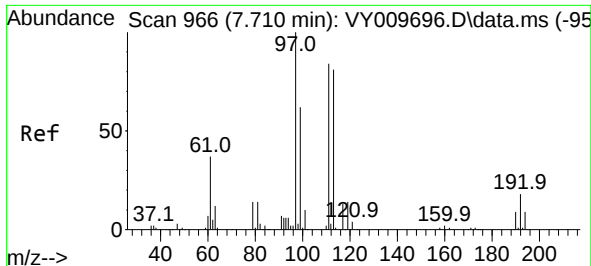
Tgt Ion: 65 Resp: 63412
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009770.D
 Acq: 29 Jul 2022 14:18

Tgt Ion: 114 Resp: 258879
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 43.2
 88 13.3 0.0 31.8

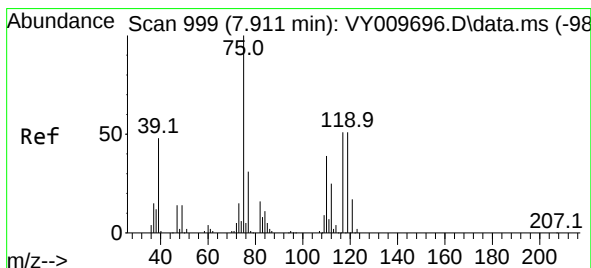
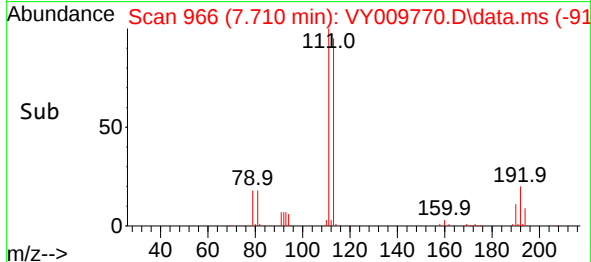
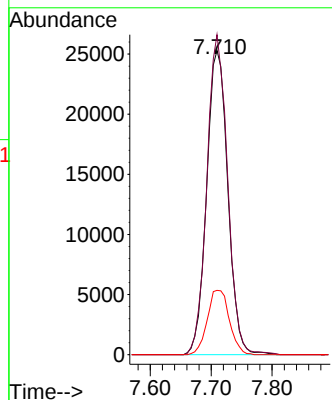
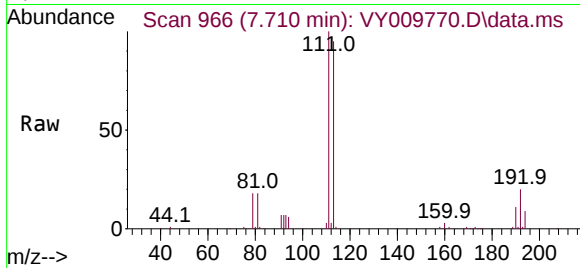




#35
Dibromofluoromethane
Concen: 43.489 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

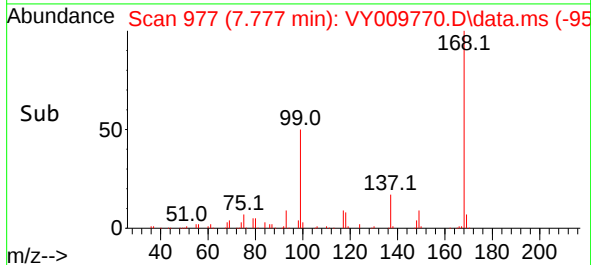
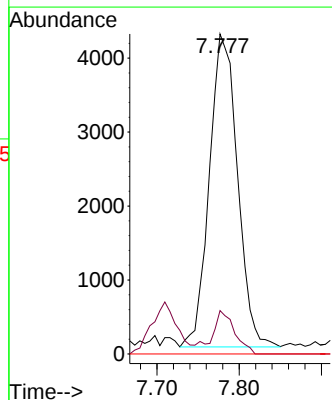
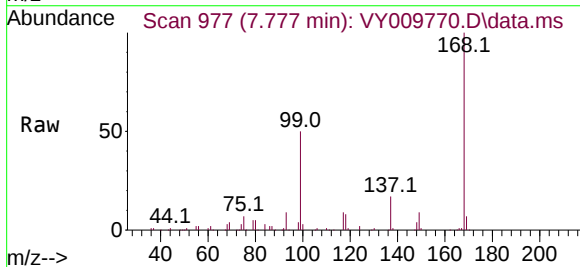
Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

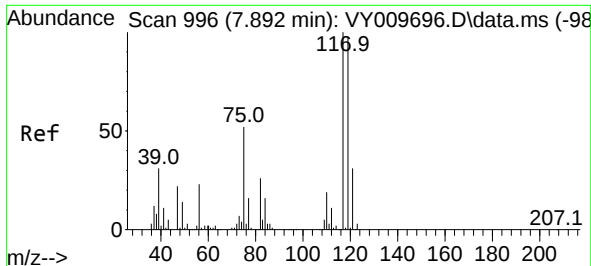
Tgt Ion:113 Resp: 61231
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.398 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 75 Resp: 10077
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

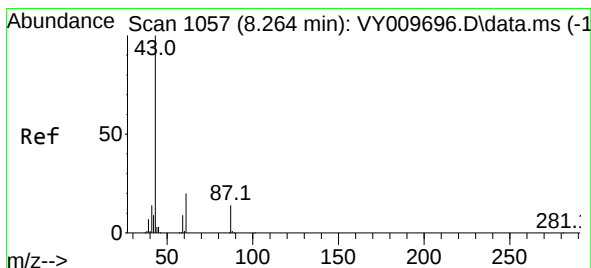
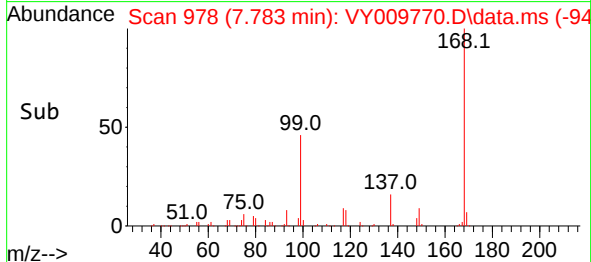
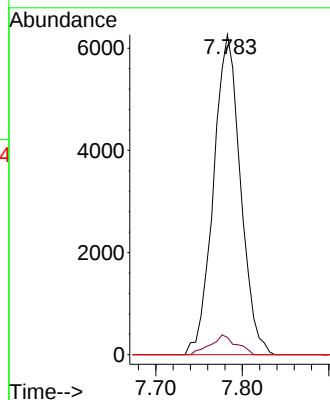
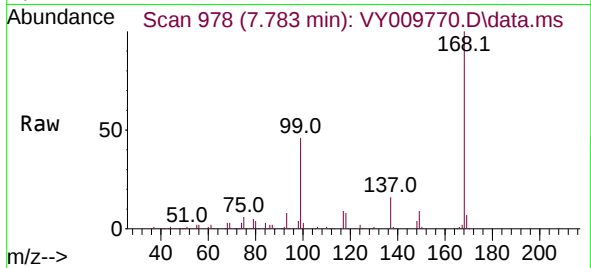




#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

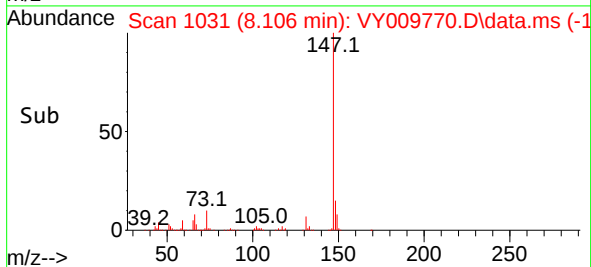
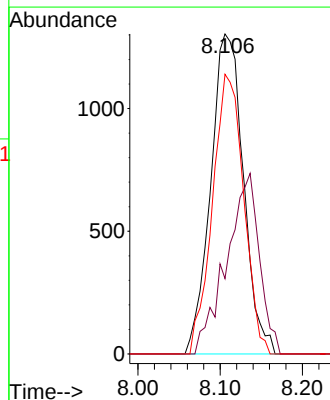
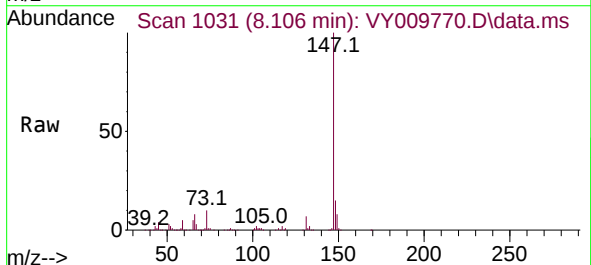
Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

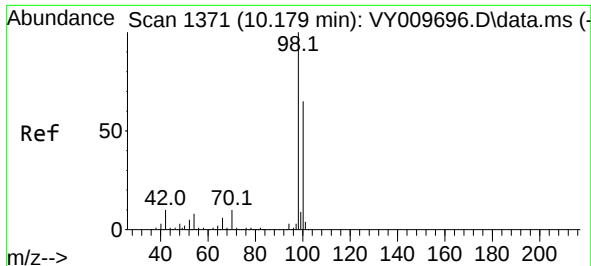
Tgt Ion:117 Resp: 13579
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.521 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.158 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 43 Resp: 3609
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 83.3 8.9 13.3#

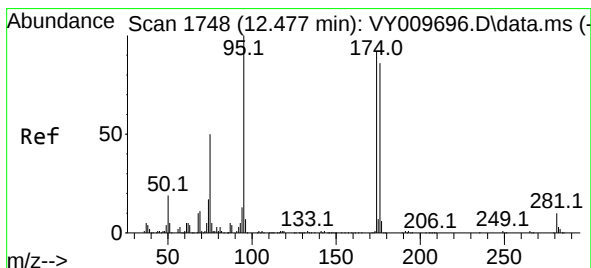
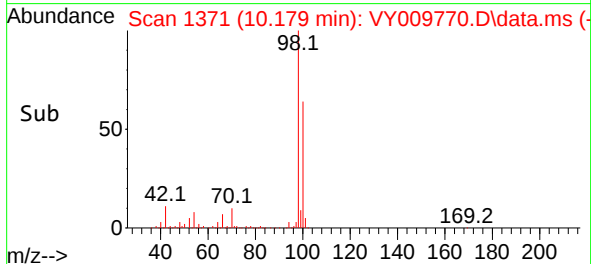
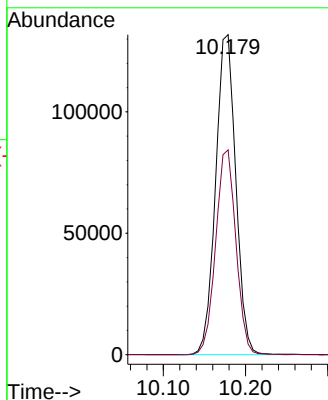
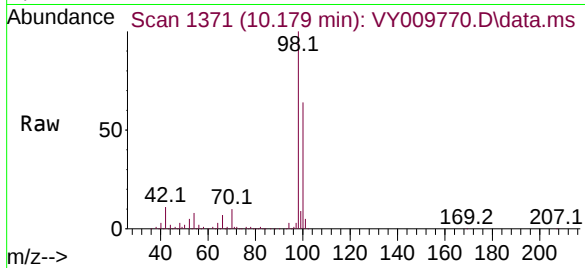




#50
Toluene-d8
Concen: 55.325 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

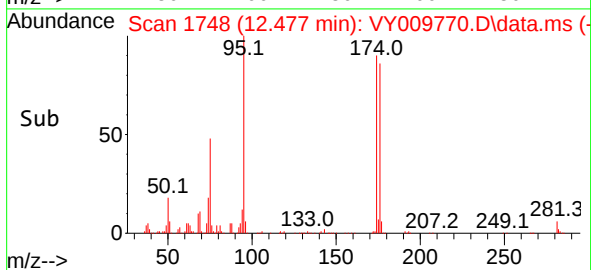
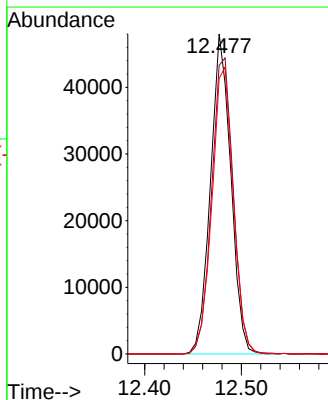
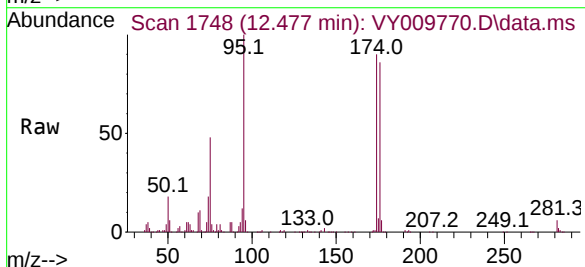
Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

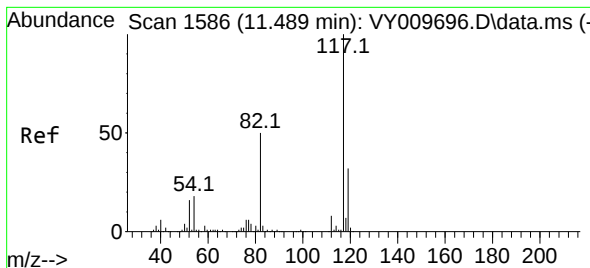
Tgt Ion: 98 Resp: 225010
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.511 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 95 Resp: 70032
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 94.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009770.D

Acq: 29 Jul 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

RVE-100

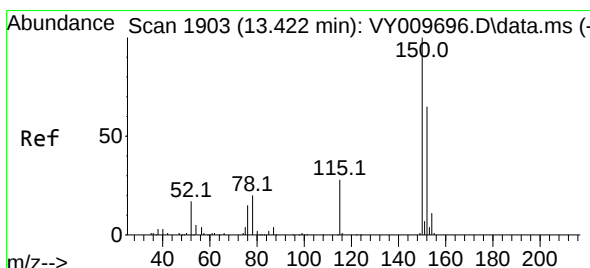
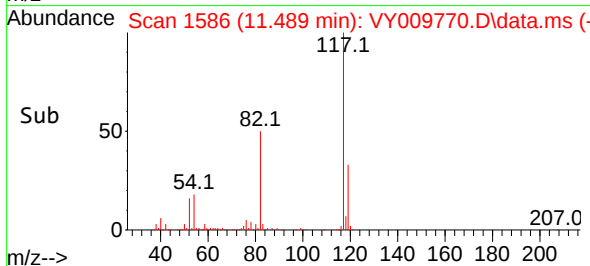
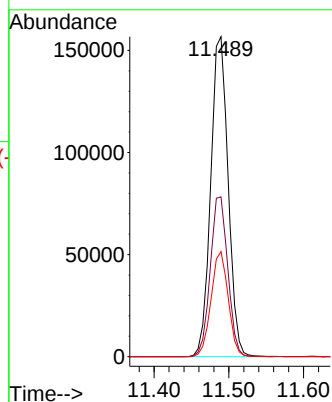
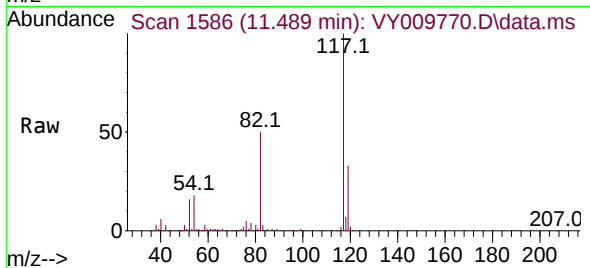
Tgt Ion:117 Resp: 253530

Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.4

119 32.9 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: VY009770.D

Acq: 29 Jul 2022 14:18

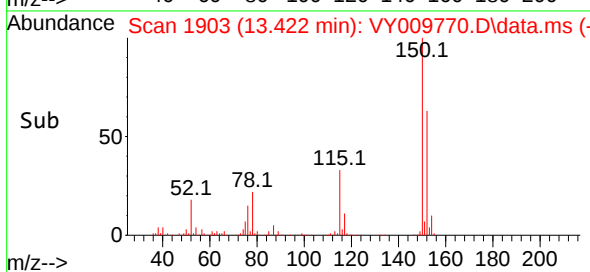
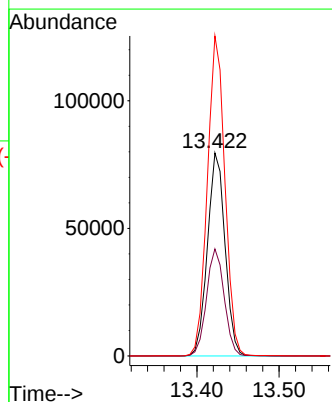
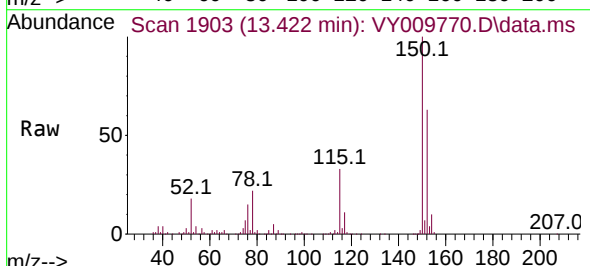
Tgt Ion:152 Resp: 118179

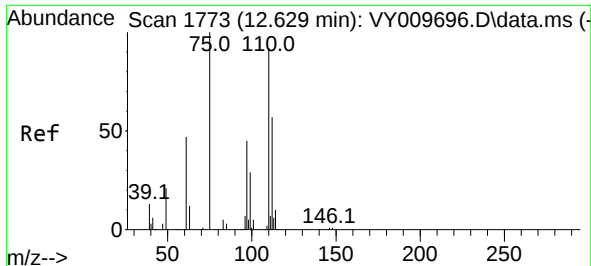
Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 157.5 0.0 347.6

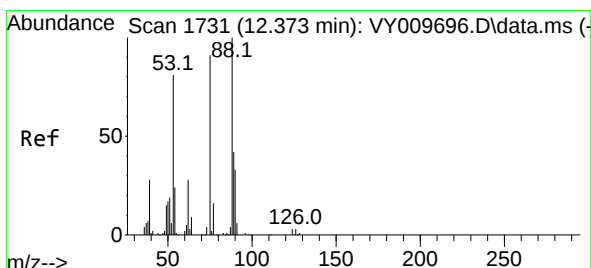
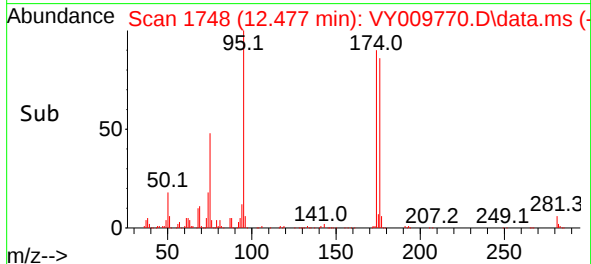
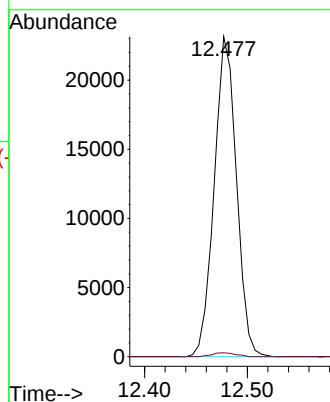
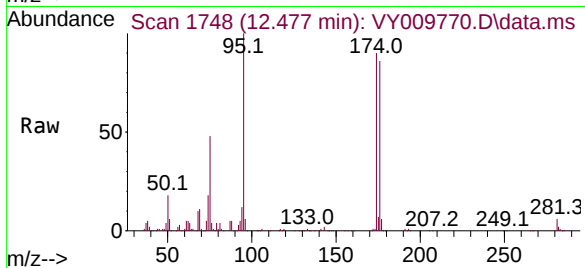




#76
1,2,3-Trichloropropane
Concen: 31.621 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
RVE-100

Tgt Ion: 75 Resp: 34711
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009770.D
Acq: 29 Jul 2022 14:18

Tgt Ion: 75 Resp: 34711
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.3 37.0 55.4#

