

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009779.D
 Acq On : 29 Jul 2022 17:49
 Operator : KP/MD
 Sample : N3927-07
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-80

Quant Time: Aug 01 01:15:25 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)

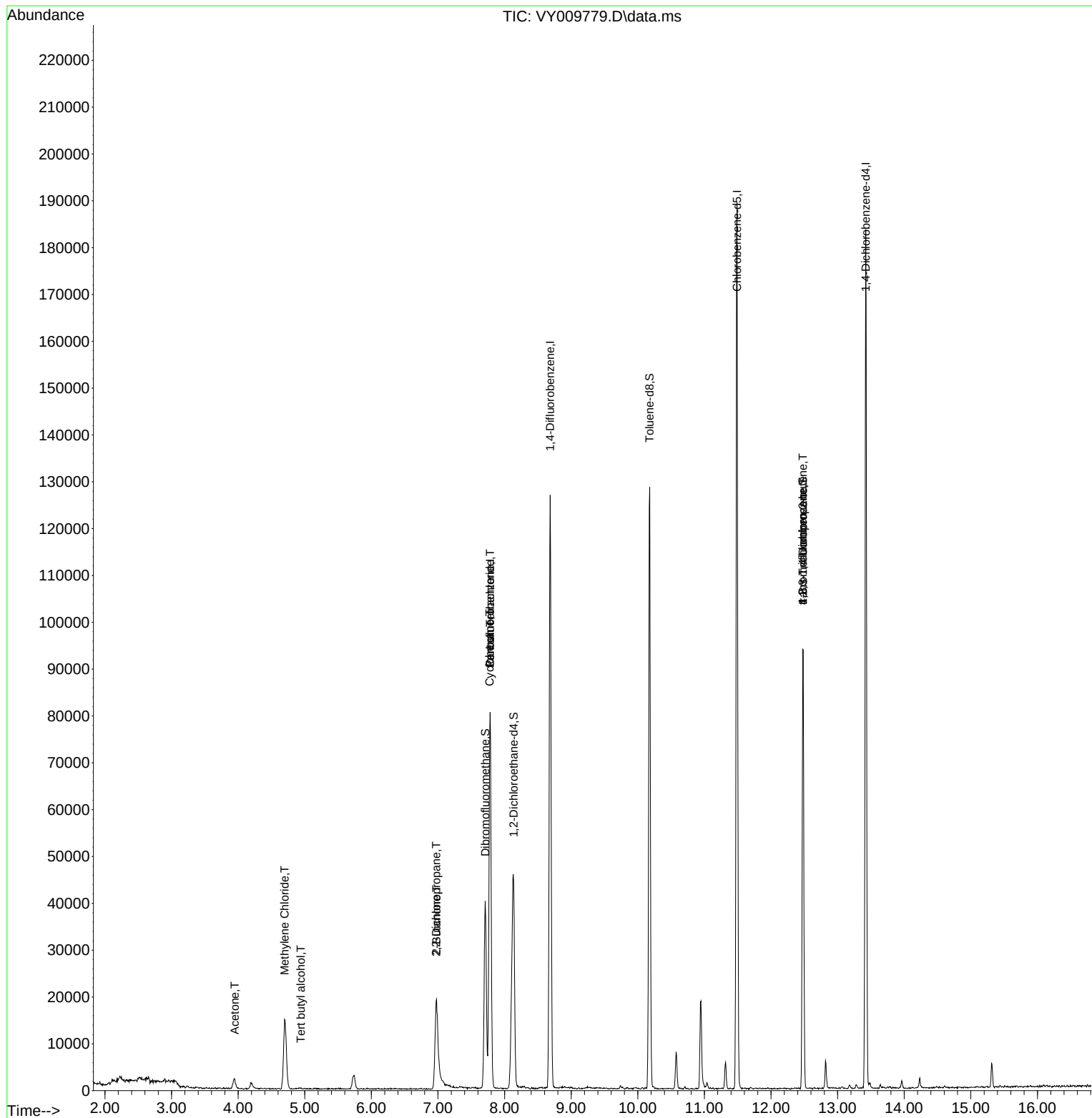
Internal Standards						
1) Pentafluorobenzene	7.782	168	66738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	112583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29742	68.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.820%	
35) Dibromofluoromethane	7.709	113	27724	45.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.560%	
50) Toluene-d8	10.178	98	85457	47.729	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	12.477	95	25678	31.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 63.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	485	6.594	ug/l	# 77
16) Acetone	3.948	43	4045	25.350	ug/l	91
18) Methyl Acetate	4.448	43	41	Below Cal	#	56
20) Methylene Chloride	4.698	84	11363	6.388	ug/l	# 81
25) 2-Butanone	6.978	43	1154	4.902	ug/l	# 54
26) 2,2-Dichloropropane	6.972	77	1599	1.520	ug/l	# 55
31) Cyclohexane	7.776	56	1236	1.164	ug/l	# 1
38) Carbon Tetrachloride	7.782	117	5896	5.523	ug/l	# 18
76) 1,2,3-Trichloropropane	12.477	75	13257	28.266	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	13257	56.343	ug/l	# 7

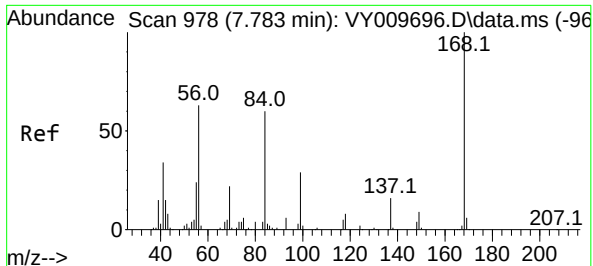
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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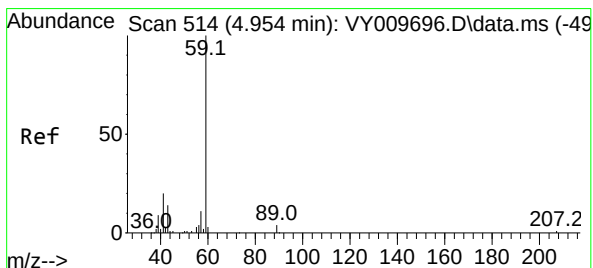
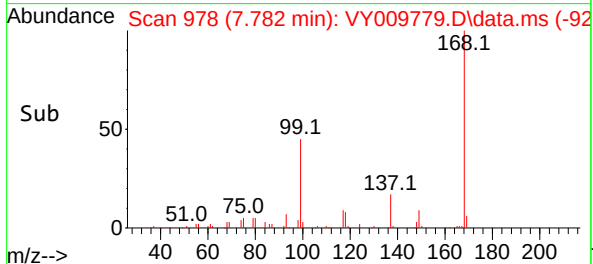
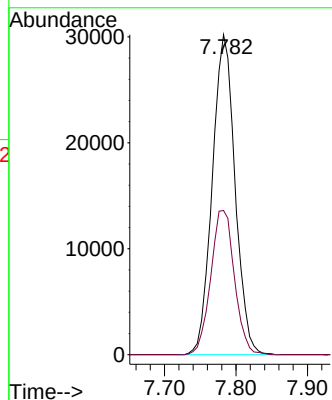
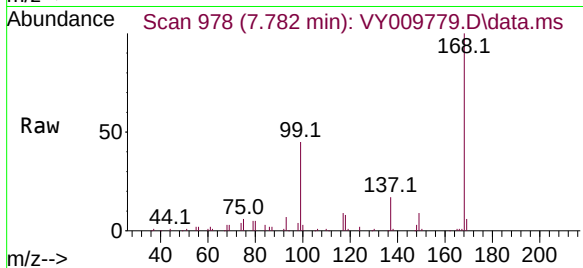




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

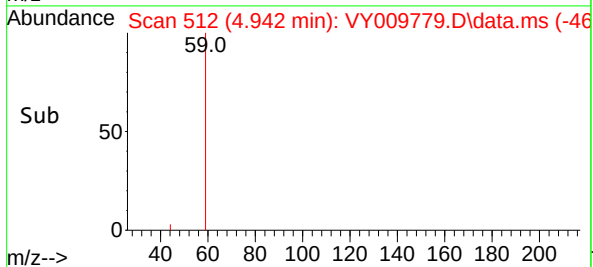
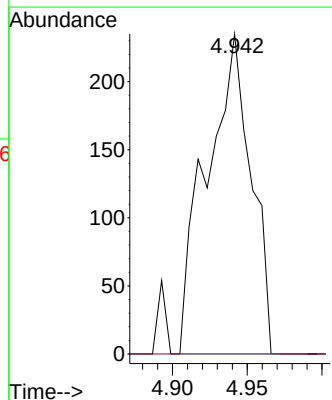
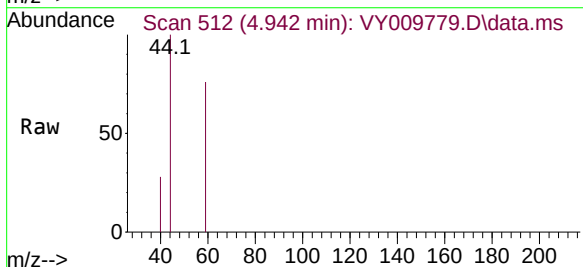
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

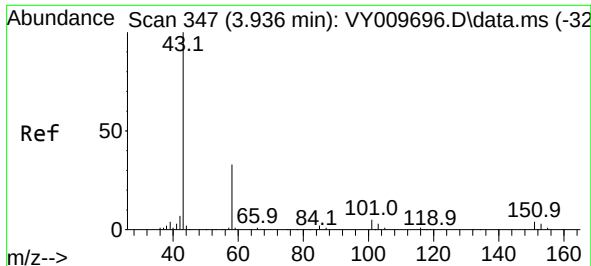
Tgt Ion:168 Resp: 66738
Ion Ratio Lower Upper
168 100
99 45.1 46.9 70.3#



#11
Tert butyl alcohol
Concen: 6.594 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion: 59 Resp: 485
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

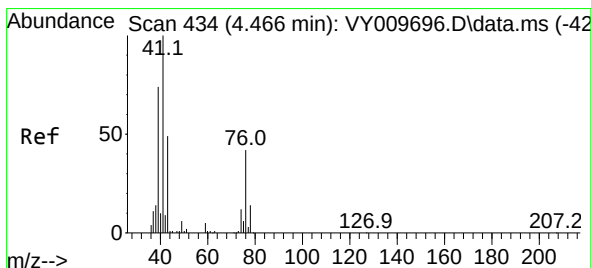
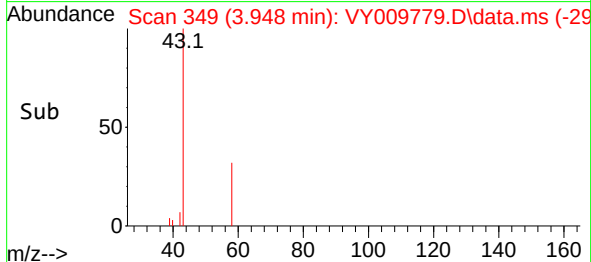
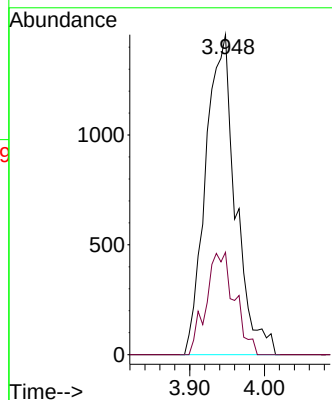
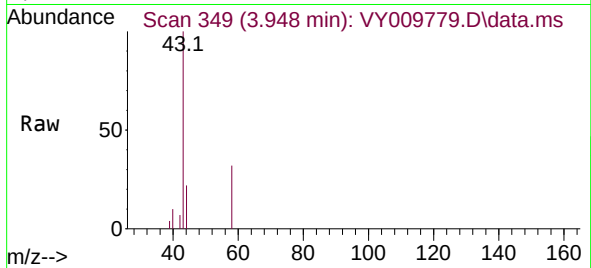




#16
Acetone
Concen: 25.350 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

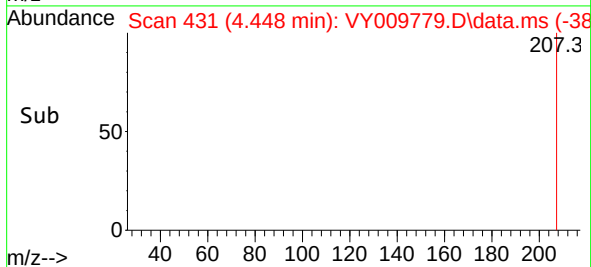
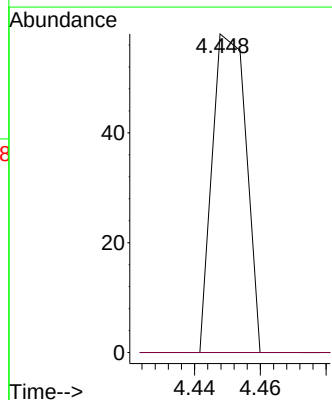
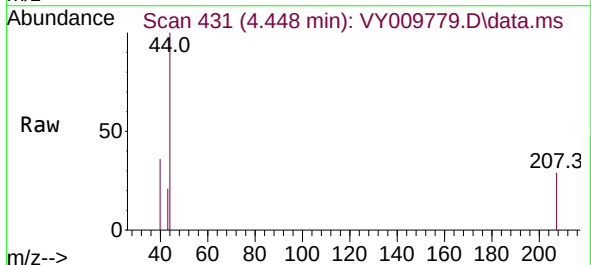
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

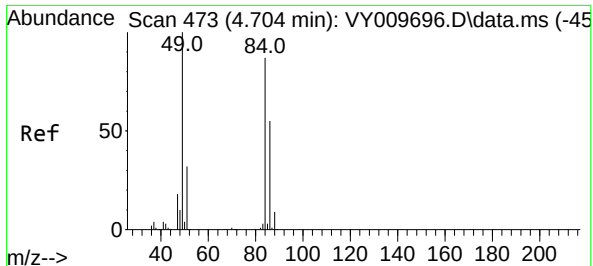
Tgt Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 431
Delta R.T. -0.018 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

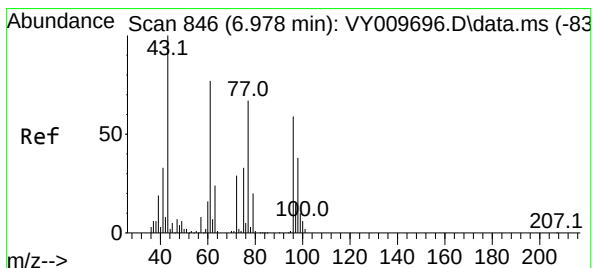
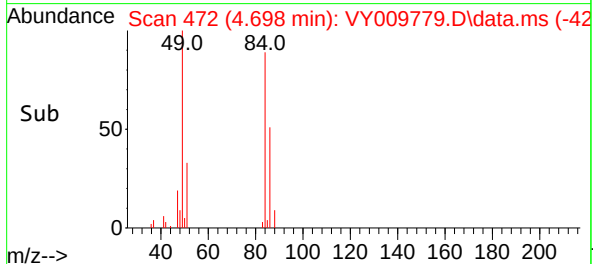
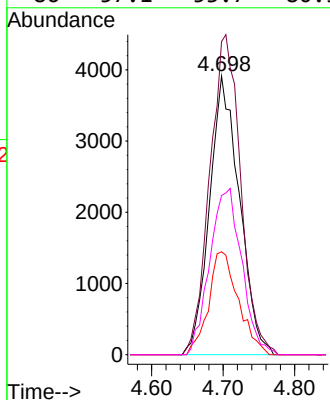
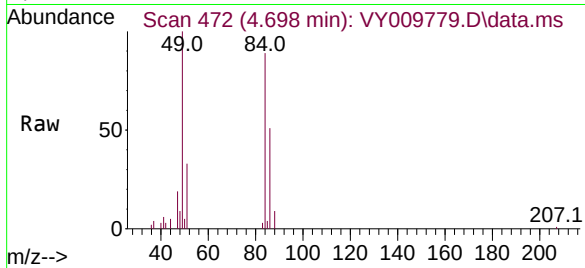




#20
Methylene Chloride
Concen: 6.388 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

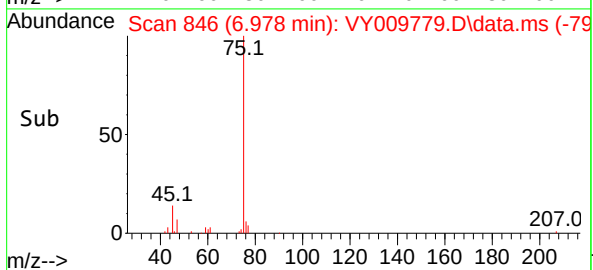
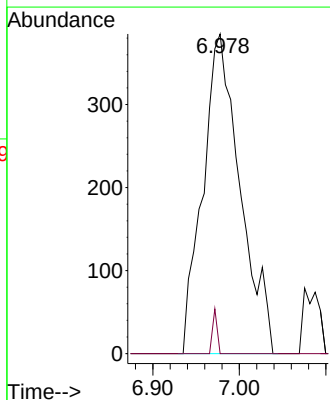
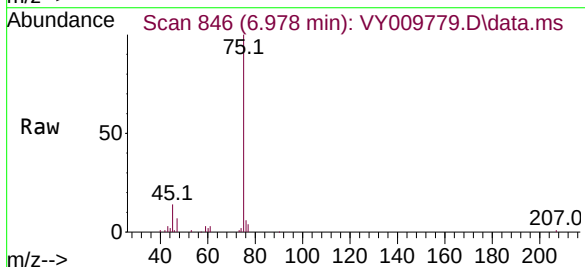
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

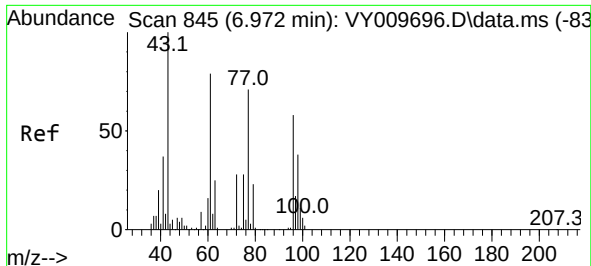
Tgt Ion: 84 Resp: 11363
Ion Ratio Lower Upper
84 100
49 112.4 114.4 171.6#
51 37.0 35.3 52.9
86 57.1 53.7 80.5



#25
2-Butanone
Concen: 4.902 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

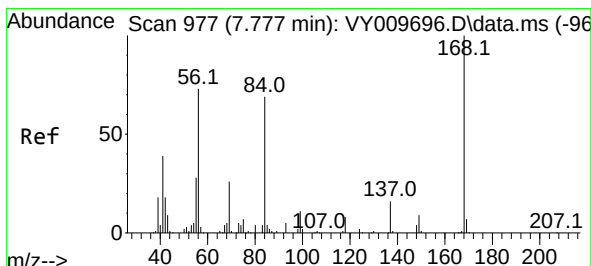
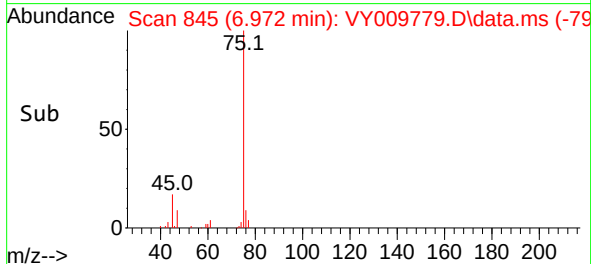
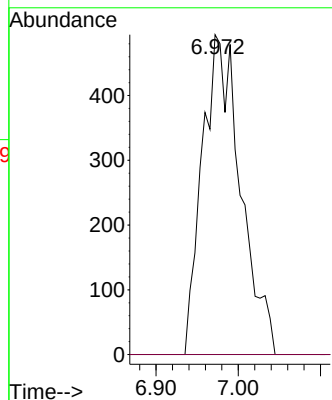
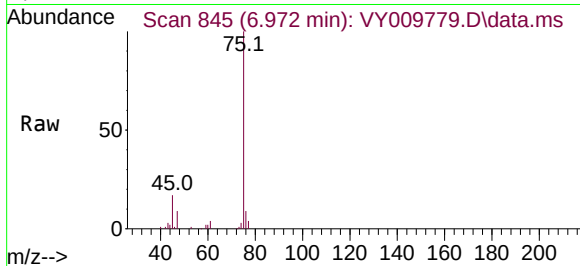




#26
2,2-Dichloropropane
Concen: 1.520 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

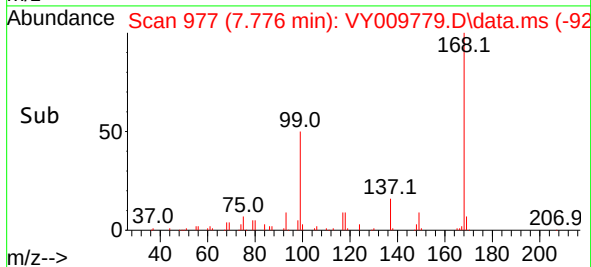
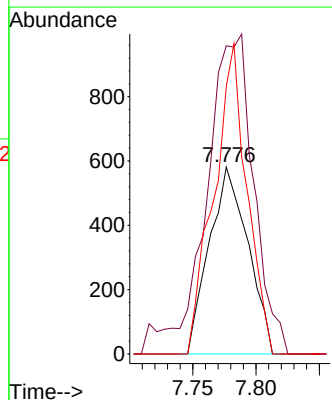
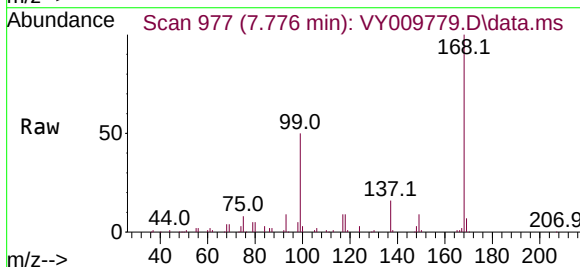
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

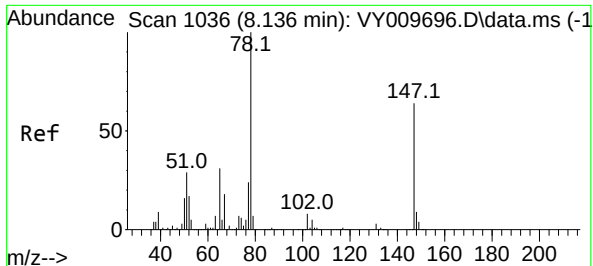
Tgt Ion: 77 Resp: 1599
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.001 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion: 56 Resp: 1236
Ion Ratio Lower Upper
56 100
69 151.3 26.7 40.1#
84 143.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 68.907 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009779.D

Acq: 29 Jul 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

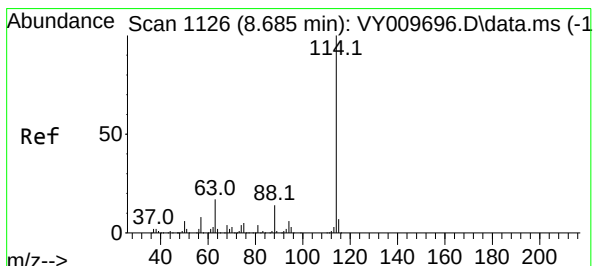
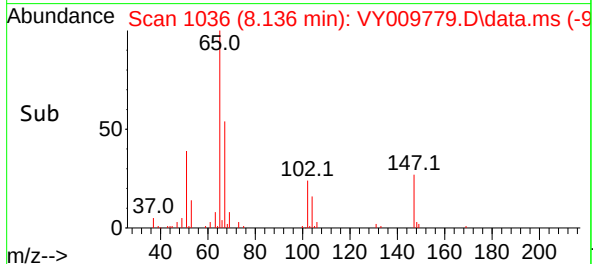
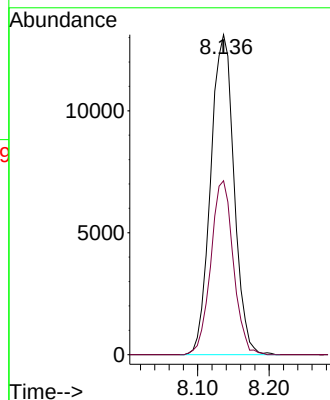
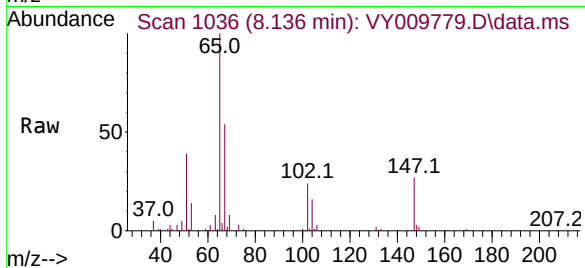
RVE-80

Tgt Ion: 65 Resp: 29742

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009779.D

Acq: 29 Jul 2022 17:49

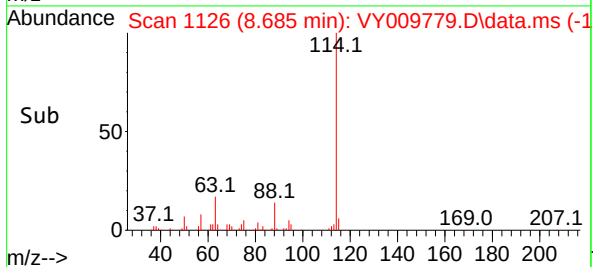
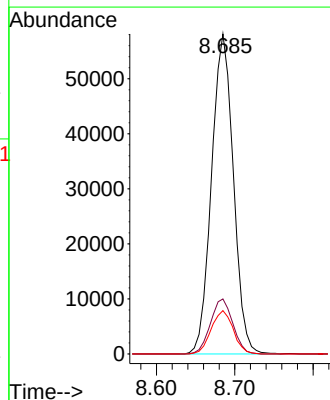
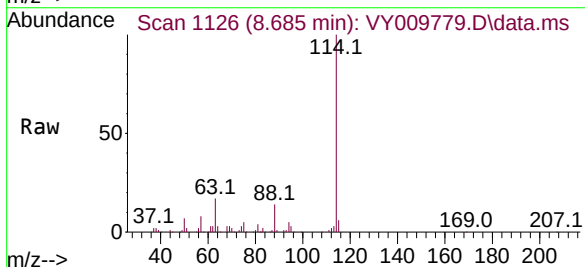
Tgt Ion:114 Resp: 112583

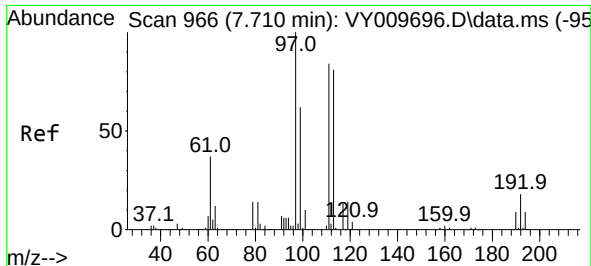
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.5 0.0 31.8

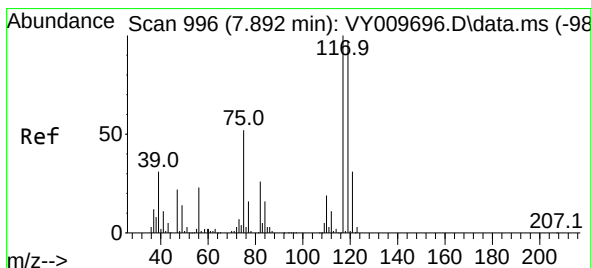
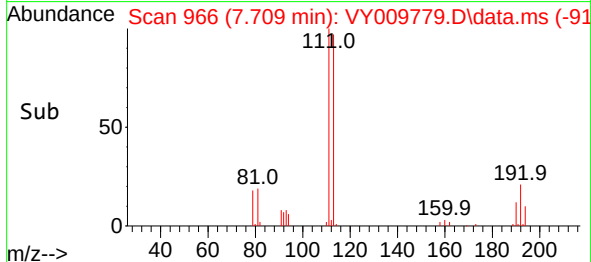
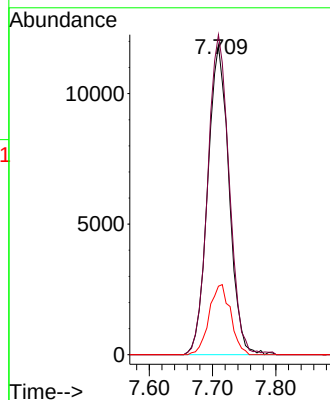
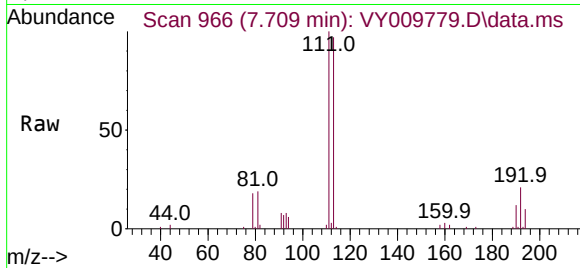




#35
Dibromofluoromethane
Concen: 45.278 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

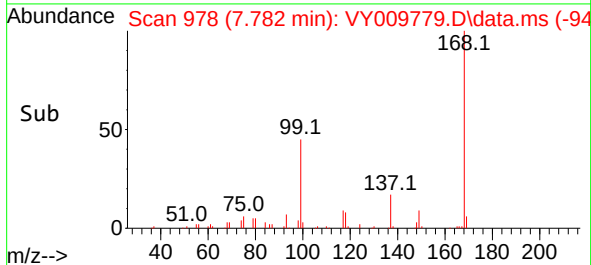
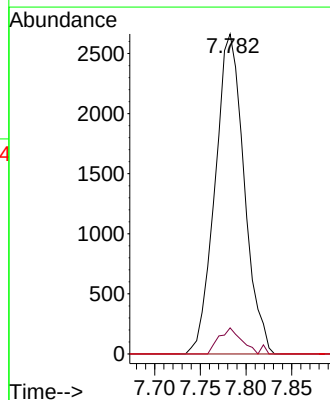
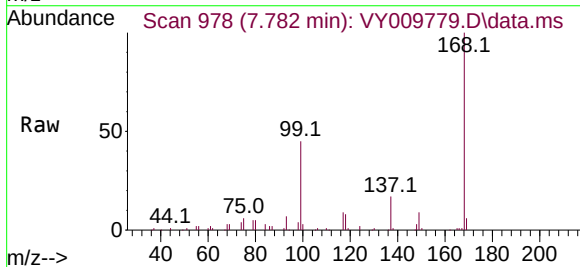
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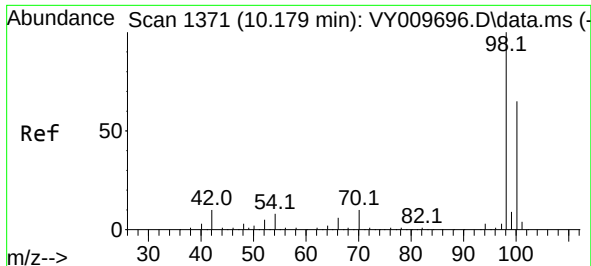
Tgt Ion:113 Resp: 27724
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 22.8 17.6 26.4



#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion:117 Resp: 5896
Ion Ratio Lower Upper
117 100
119 8.1 77.9 116.9#
121 0.0 24.8 37.2#

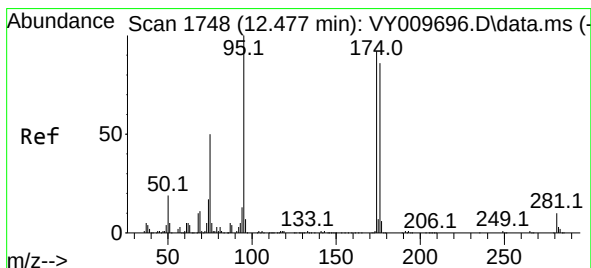
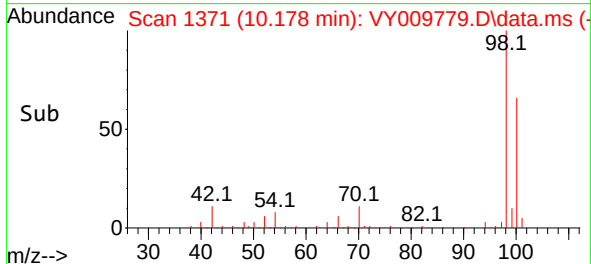
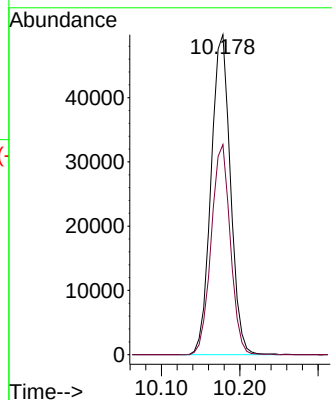
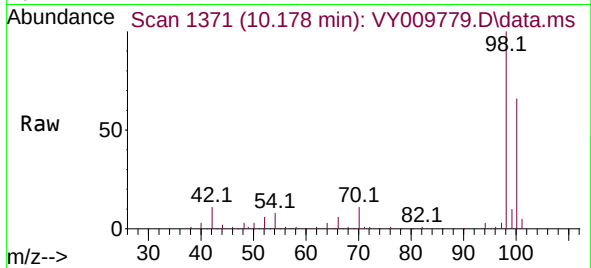




#50
Toluene-d8
Concen: 47.729 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

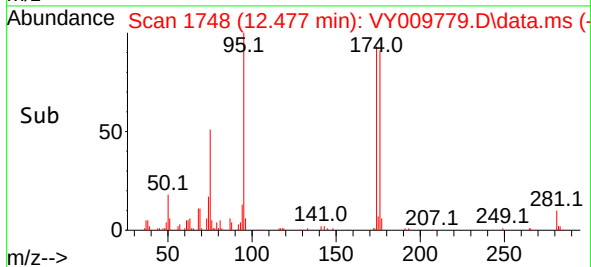
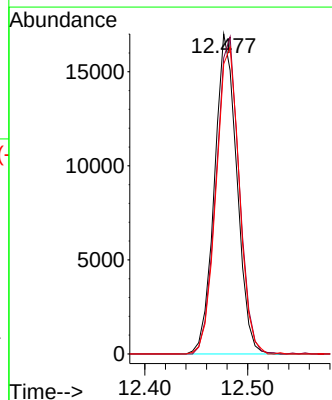
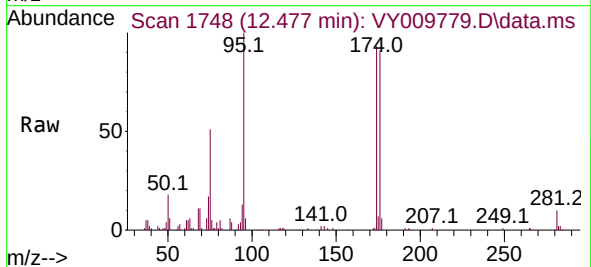
Instrument :
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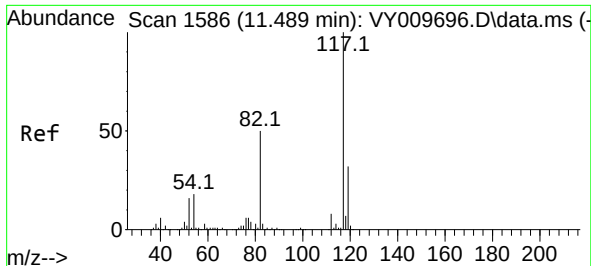
Tgt Ion: 98 Resp: 85457
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion: 95 Resp: 25678
Ion Ratio Lower Upper
95 100
174 102.0 0.0 177.0
176 99.1 0.0 175.8

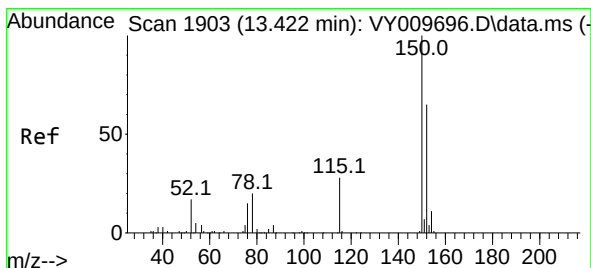
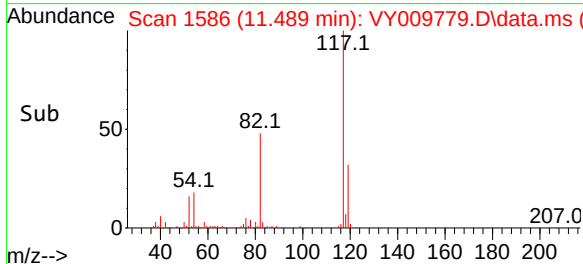
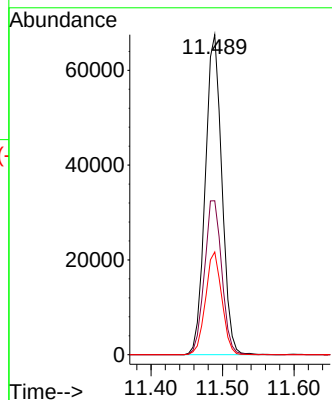
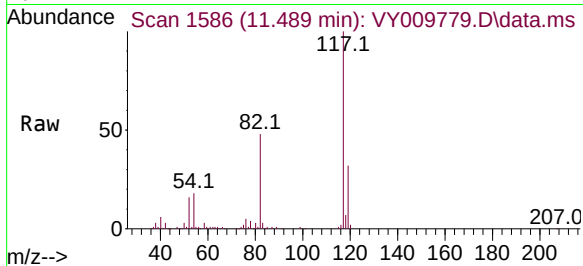




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

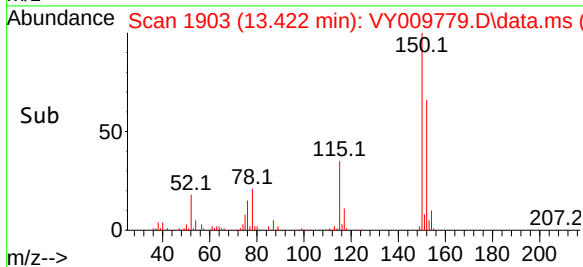
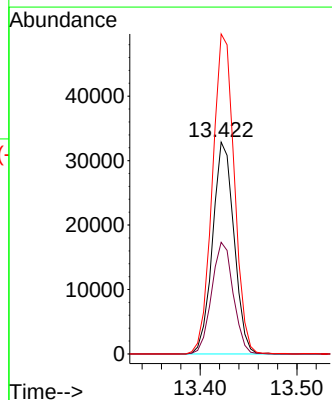
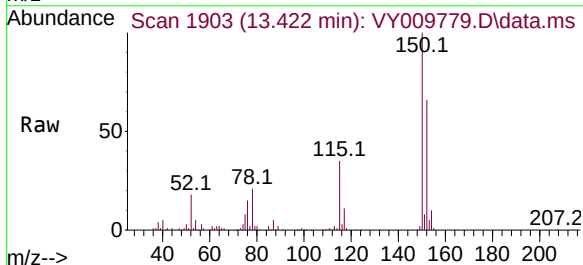
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

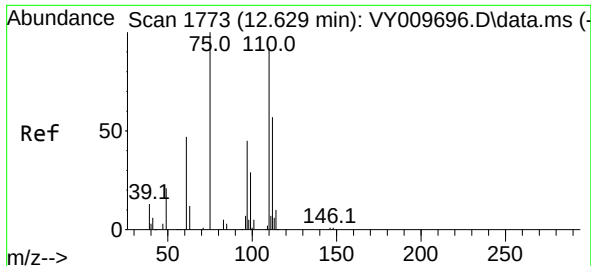
Tgt Ion:117 Resp: 108839
Ion Ratio Lower Upper
117 100
82 48.1 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion:152 Resp: 50493
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 154.4 0.0 347.6

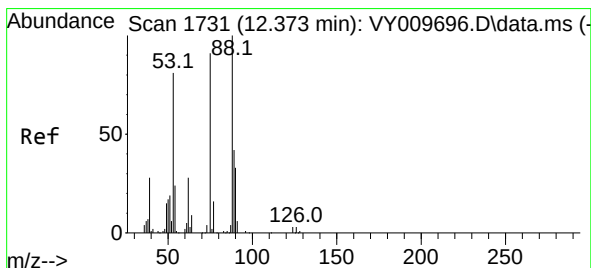
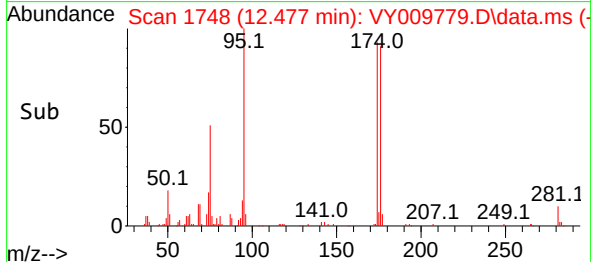
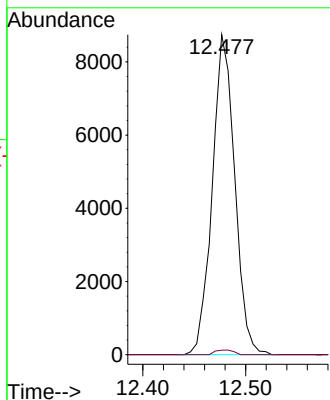
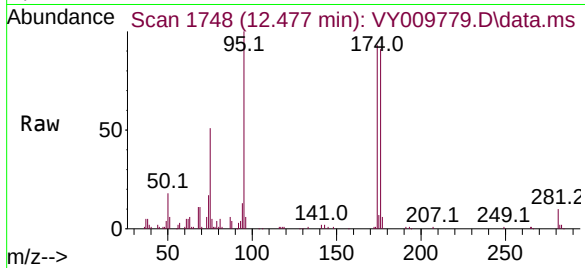




#76
1,2,3-Trichloropropane
Concen: 28.266 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

Tgt Ion: 75 Resp: 13257
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.343 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009779.D
Acq: 29 Jul 2022 17:49

Tgt Ion: 75 Resp: 13257
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

