

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009778.D
 Acq On : 29 Jul 2022 17:26
 Operator : KP/MD
 Sample : N3927-02
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-76

Quant Time: Aug 01 01:15:08 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)

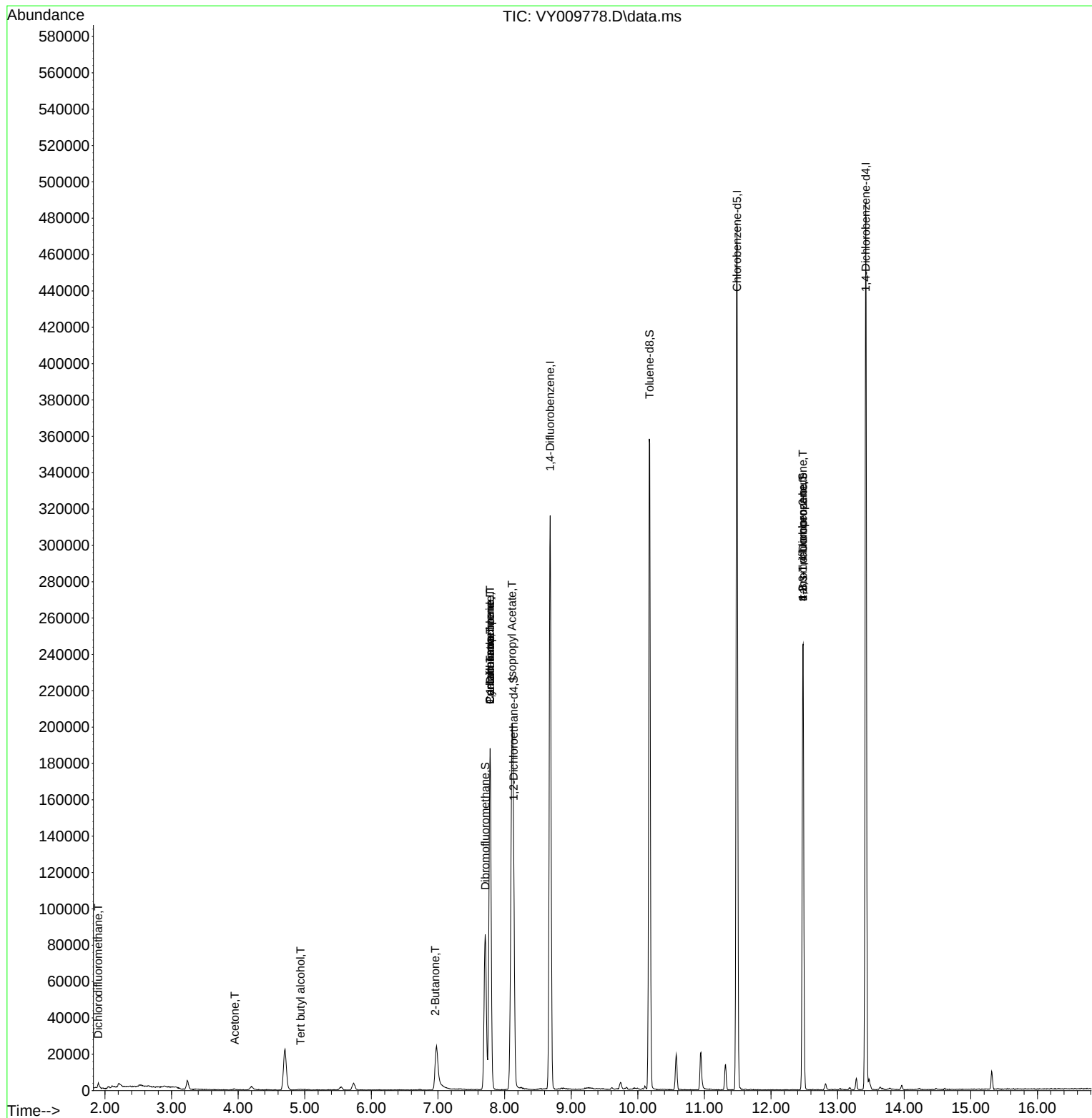
Internal Standards						
1) Pentafluorobenzene	7.783	168	156662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	276972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62984	61.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.200%	
35) Dibromofluoromethane	7.710	113	60955	40.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.920%	
50) Toluene-d8	10.179	98	240732	55.324	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.477	95	68623	34.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 68.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1966	1.410	ug/l	88
11) Tert butyl alcohol	4.936	59	619	3.212	ug/l #	77
16) Acetone	3.948	43	912	2.435	ug/l #	77
18) Methyl Acetate	4.466	43	241	Below Cal	#	56
20) Methylene Chloride	4.698	84	16664	Below Cal		88
25) 2-Butanone	6.960	43	1438	2.602	ug/l #	54
31) Cyclohexane	7.783	56	2945	1.181	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10477	4.274	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13837	5.268	ug/l #	16
43) Isopropyl Acetate	8.112	43	3812	1.502	ug/l #	2
76) 1,2,3-Trichloropropane	12.477	75	35464	30.014	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35464	59.827	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
Data File : VY009778.D
Acq On : 29 Jul 2022 17:26
Operator : KP/MD
Sample : N3927-02
Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-76

Quant Time: Aug 01 01:15:08 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

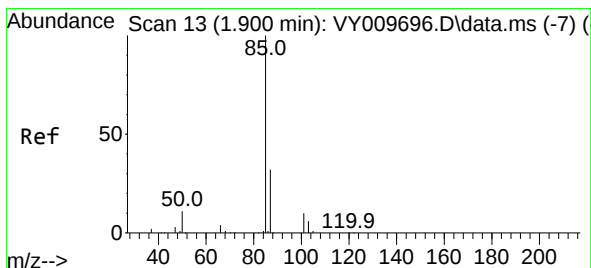
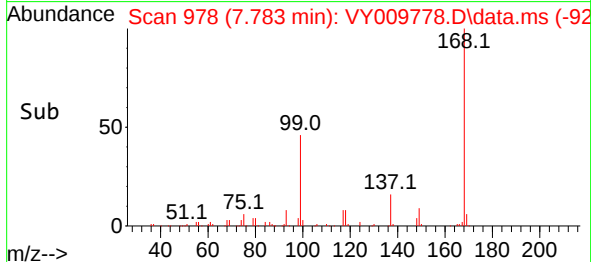
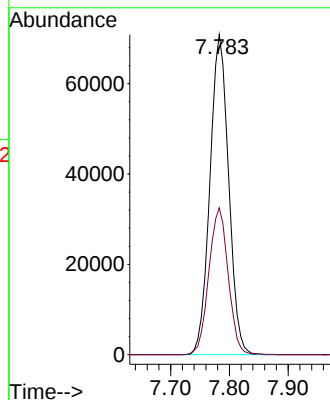
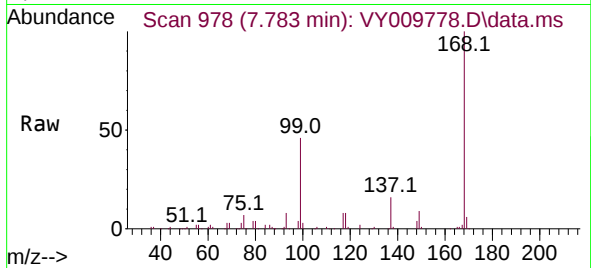




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

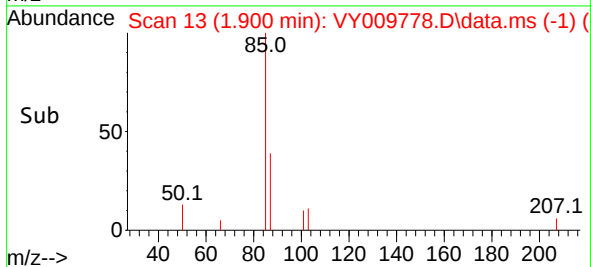
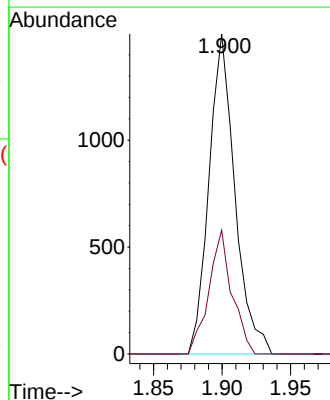
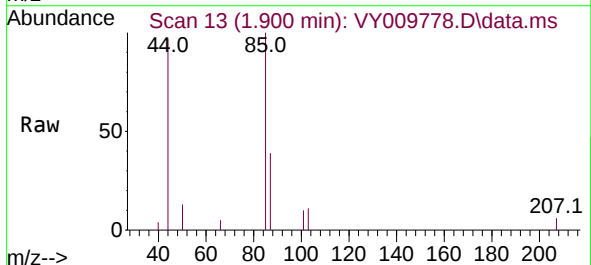
Instrument :
MSVOA_Y
ClientSampleId :
RVE-76

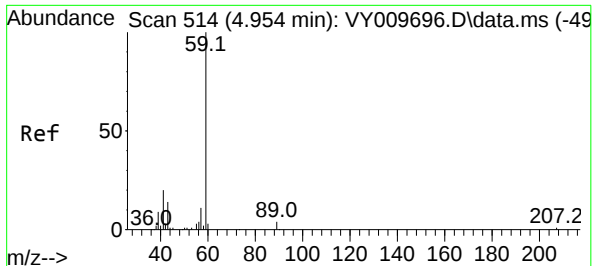
Tgt Ion:168 Resp: 156662
Ion Ratio Lower Upper
168 100
99 45.9 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 1.410 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

Tgt Ion: 85 Resp: 1966
Ion Ratio Lower Upper
85 100
87 38.7 16.1 48.2

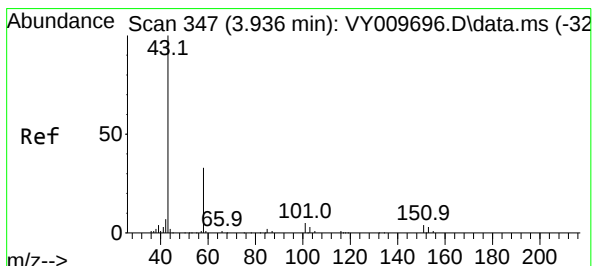
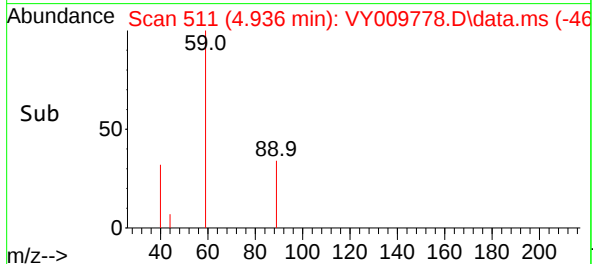
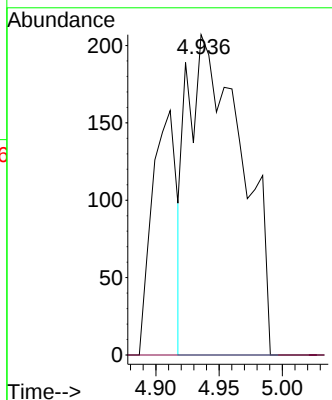
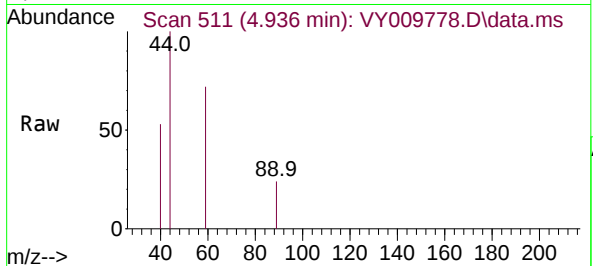




#11
Tert butyl alcohol
Concen: 3.212 ug/l
RT: 4.936 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

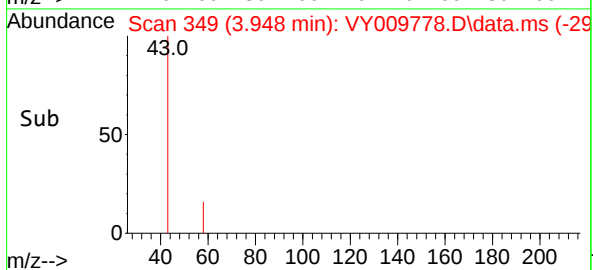
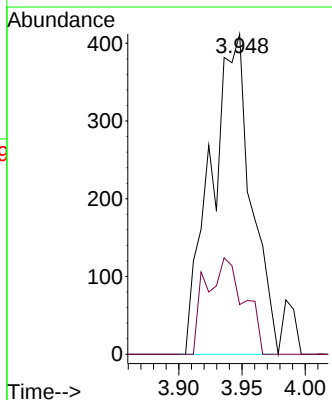
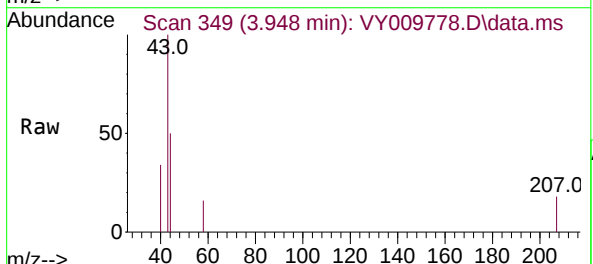
Instrument :
MSVOA_Y
ClientSampleId :
RVE-76

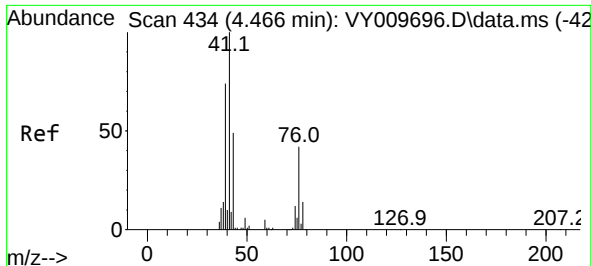
Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.435 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 15.5 22.0 33.0#

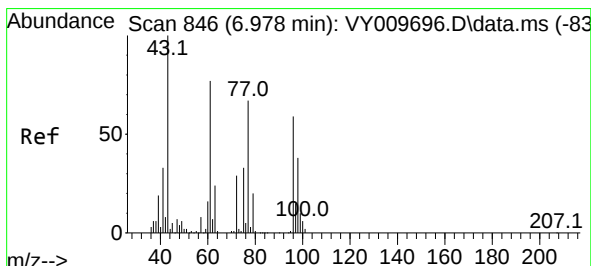
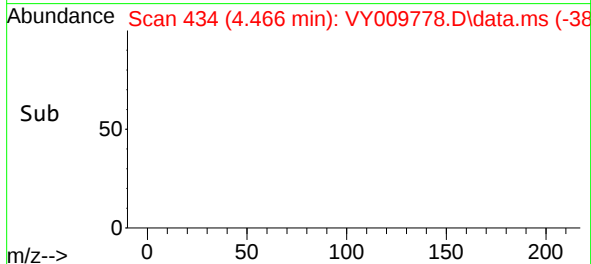
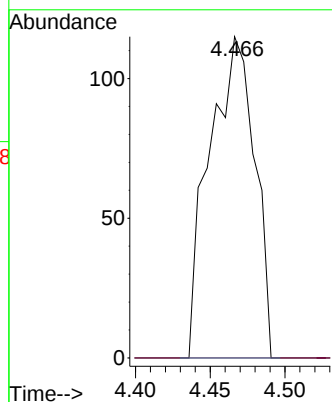
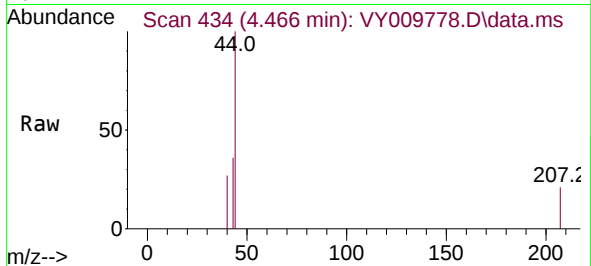




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

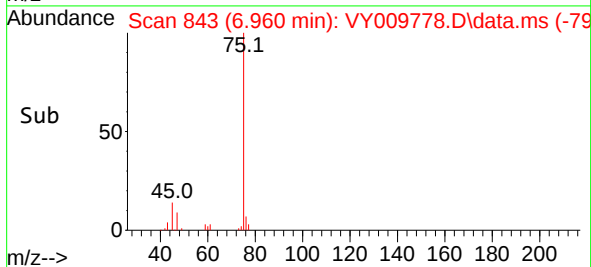
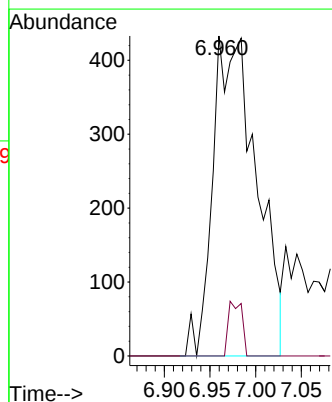
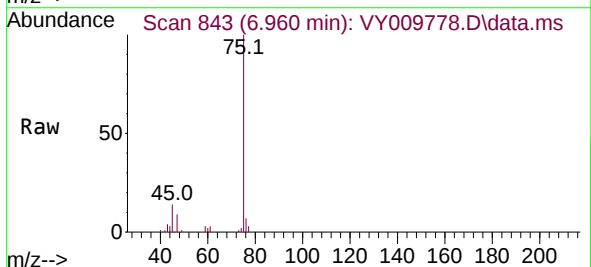
Instrument :
MSVOA_Y
ClientSampleId :
RVE-76

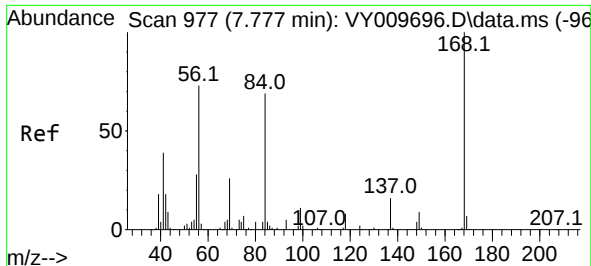
Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.602 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

Tgt Ion: 43 Resp: 1438
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

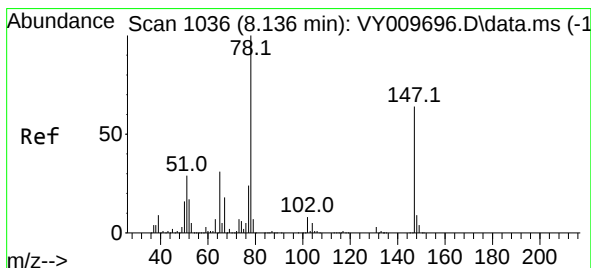
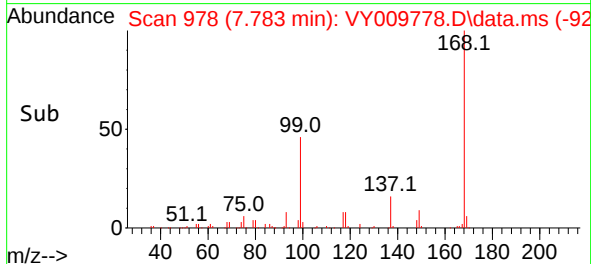
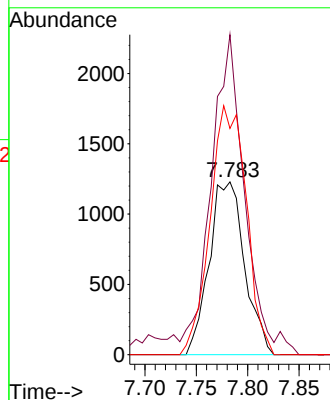
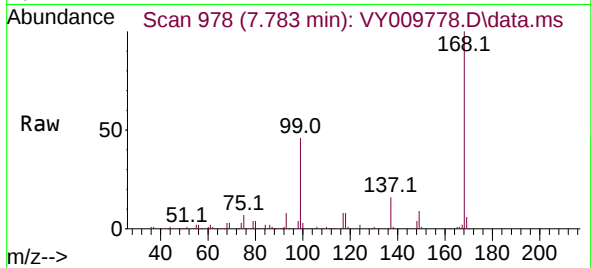




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

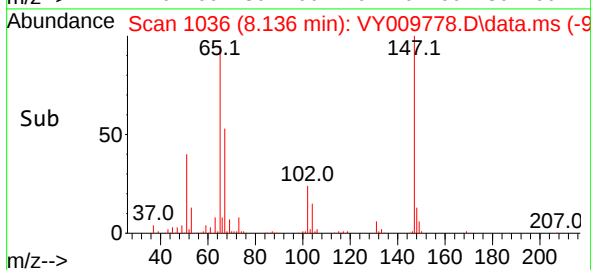
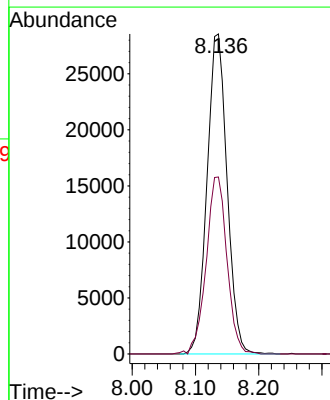
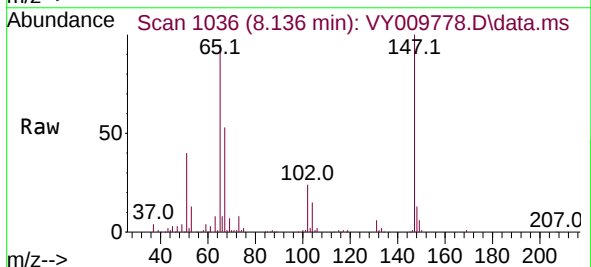
Instrument :
MSVOA_Y
ClientSampleId :
RVE-76

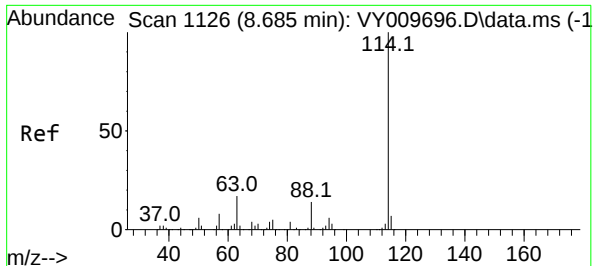
Tgt Ion: 56 Resp: 2945
Ion Ratio Lower Upper
56 100
69 177.7 26.7 40.1#
84 130.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.600 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

Tgt Ion: 65 Resp: 62984
Ion Ratio Lower Upper
65 100
67 57.4 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: VY009778.D

Acq: 29 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

RVE-76

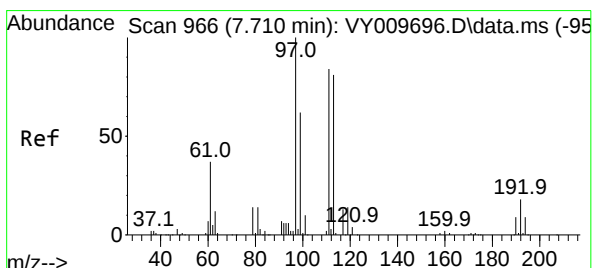
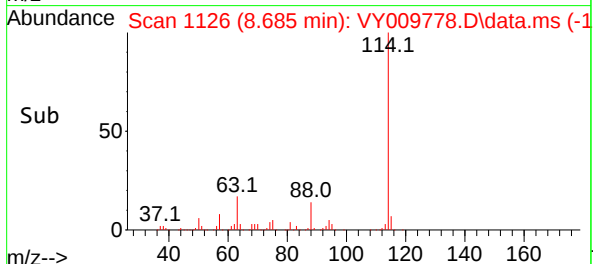
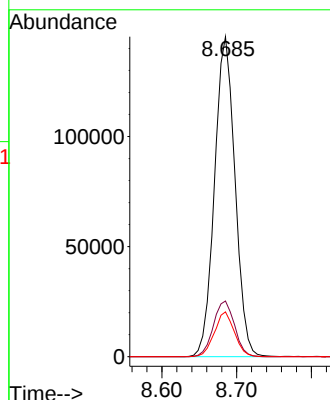
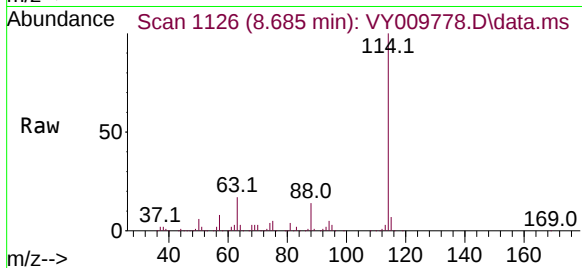
Tgt Ion:114 Resp: 276972

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.465 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009778.D

Acq: 29 Jul 2022 17:26

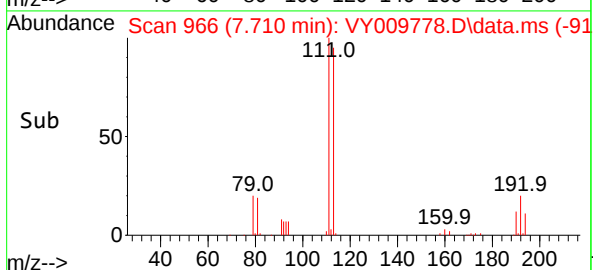
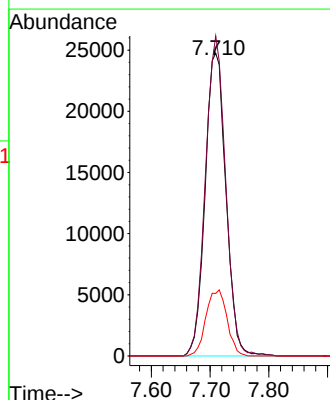
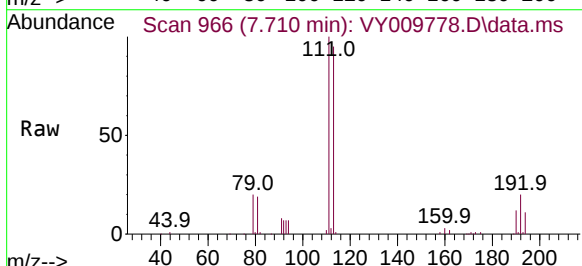
Tgt Ion:113 Resp: 60955

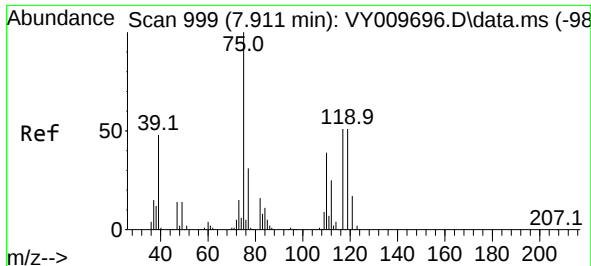
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 22.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.274 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009778.D

Acq: 29 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

RVE-76

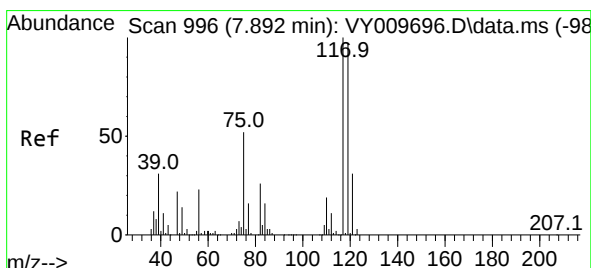
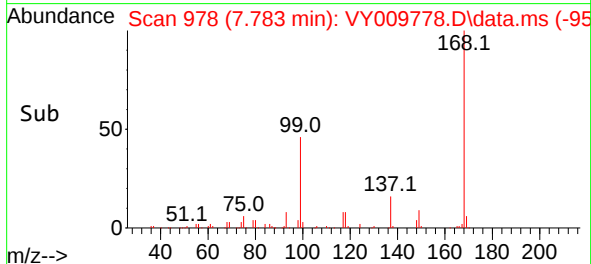
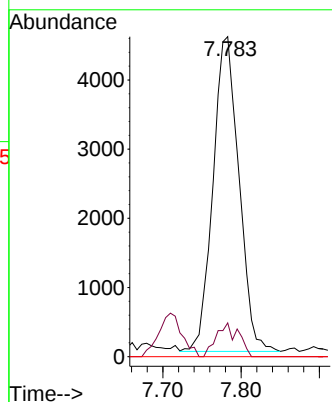
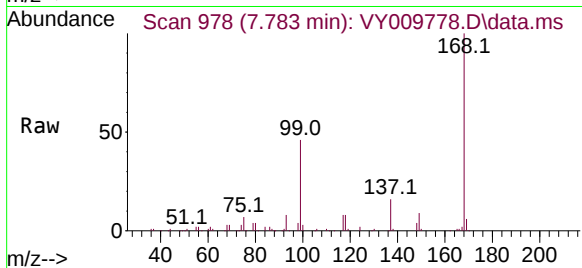
Tgt Ion: 75 Resp: 10477

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.268 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009778.D

Acq: 29 Jul 2022 17:26

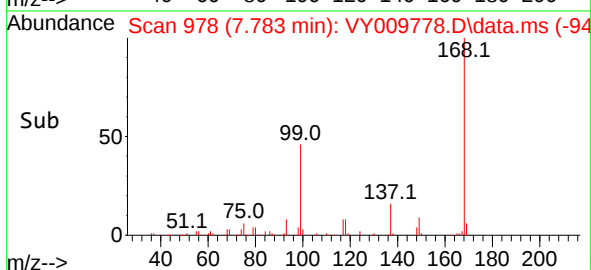
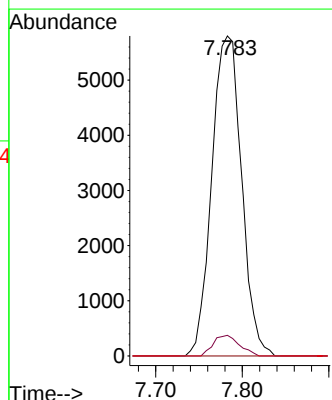
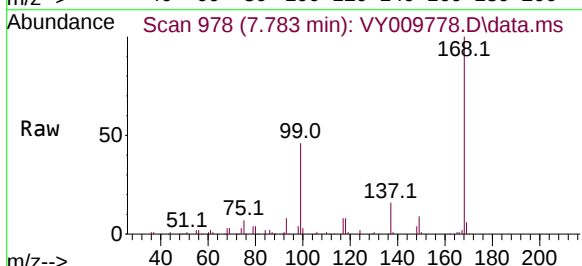
Tgt Ion: 117 Resp: 13837

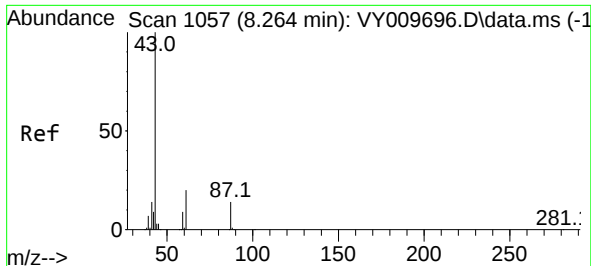
Ion Ratio Lower Upper

117 100

119 6.4 77.9 116.9#

121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 1.502 ug/l

RT: 8.112 min Scan# 1032

Delta R.T. -0.152 min

Lab File: VY009778.D

Acq: 29 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

RVE-76

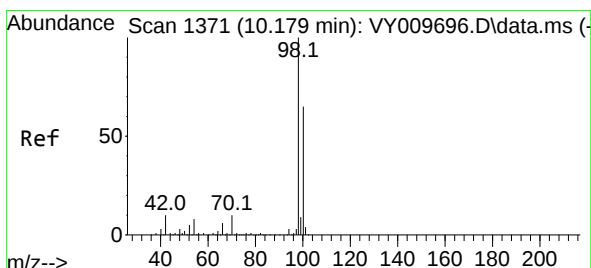
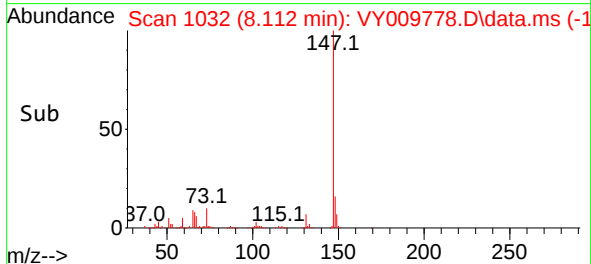
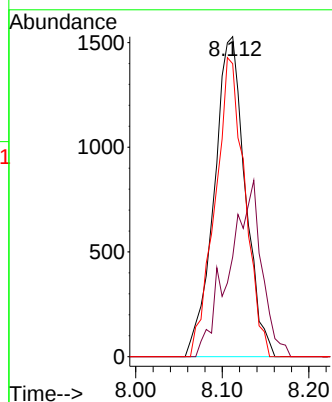
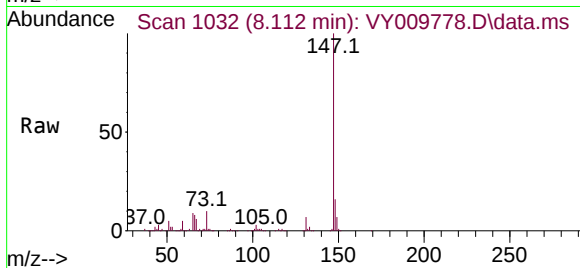
Tgt Ion: 43 Resp: 3812

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 89.2 8.9 13.3#



#50

Toluene-d8

Concen: 55.324 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009778.D

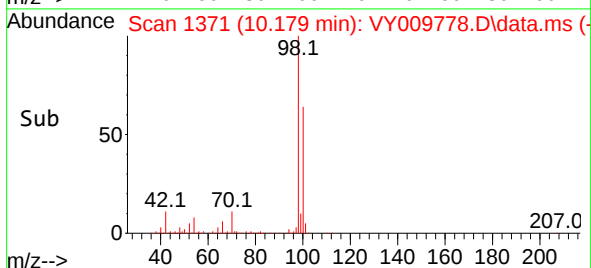
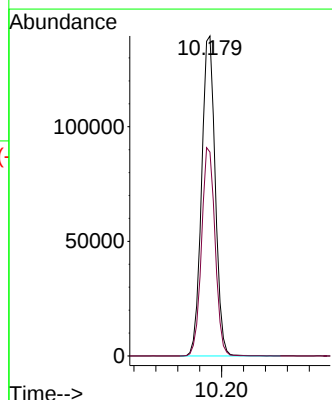
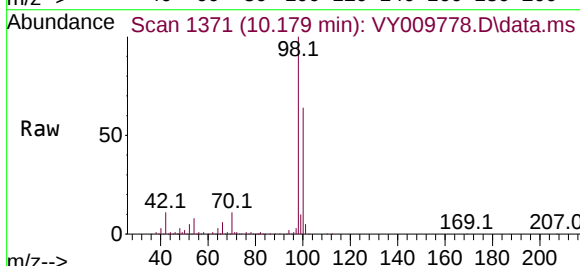
Acq: 29 Jul 2022 17:26

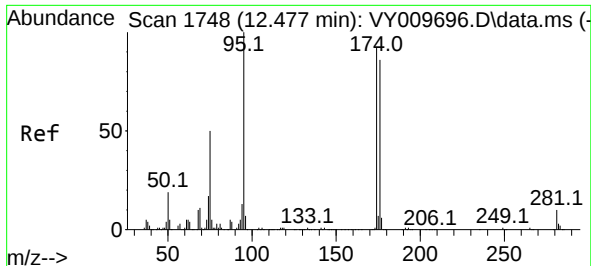
Tgt Ion: 98 Resp: 240732

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

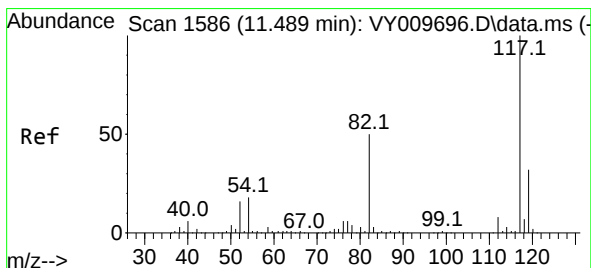
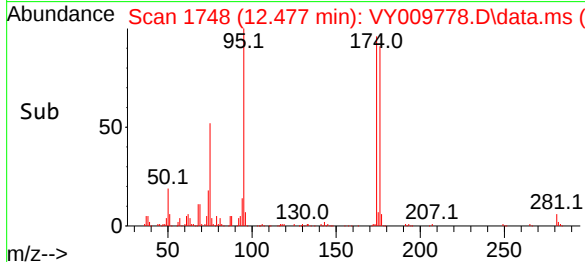
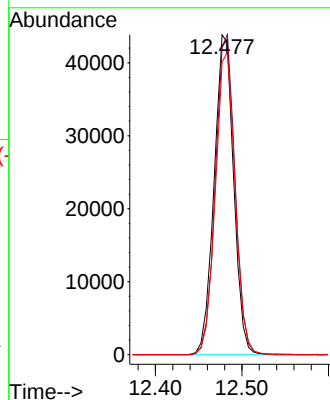
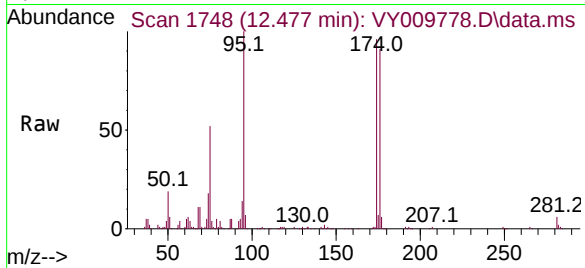




#62
4-Bromofluorobenzene
Concen: 34.356 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

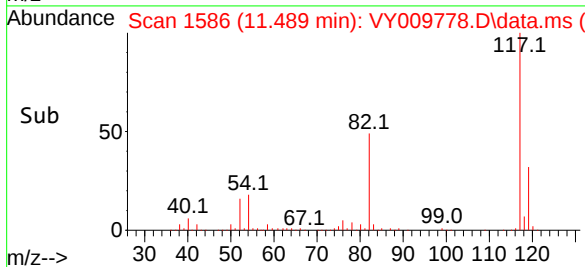
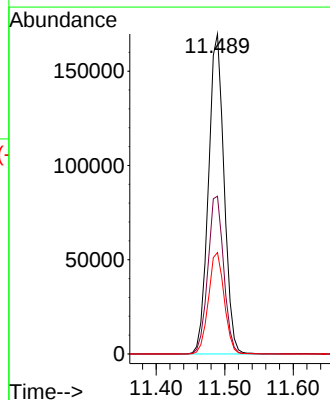
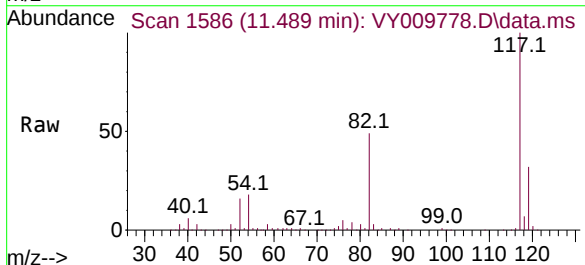
Instrument :
MSVOA_Y
ClientSampleId :
RVE-76

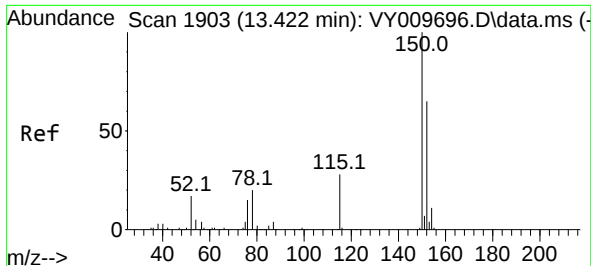
Tgt Ion: 95 Resp: 68623
Ion Ratio Lower Upper
95 100
174 100.1 0.0 177.0
176 95.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009778.D
Acq: 29 Jul 2022 17:26

Tgt Ion: 117 Resp: 268550
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 31.7 25.4 38.0

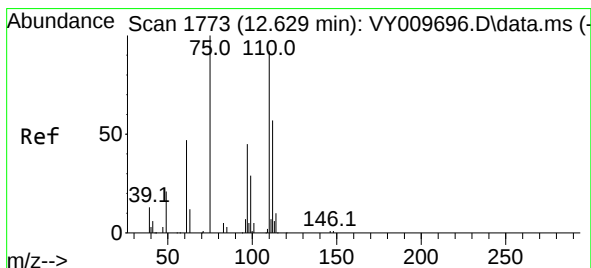
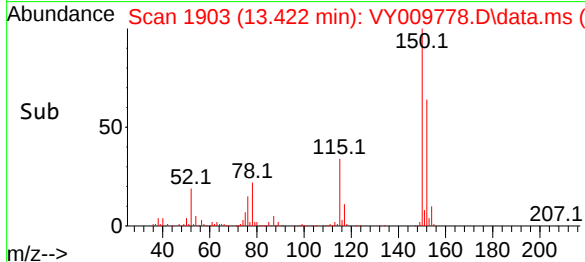
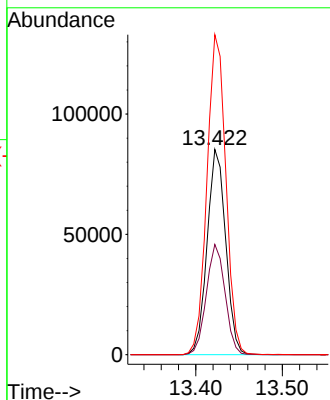
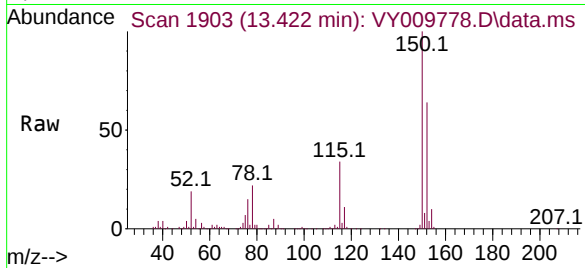




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009778.D
 Acq: 29 Jul 2022 17:26

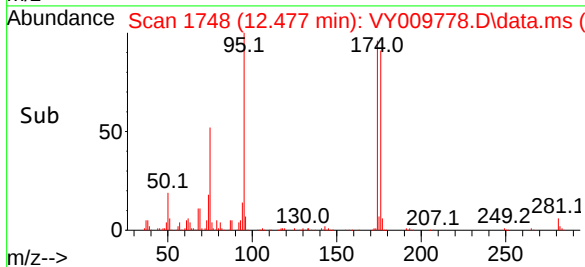
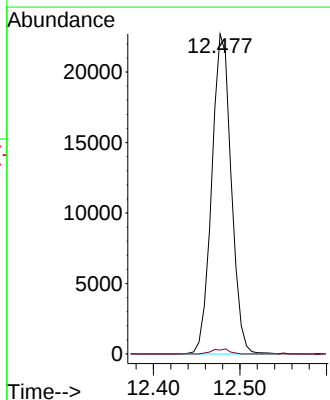
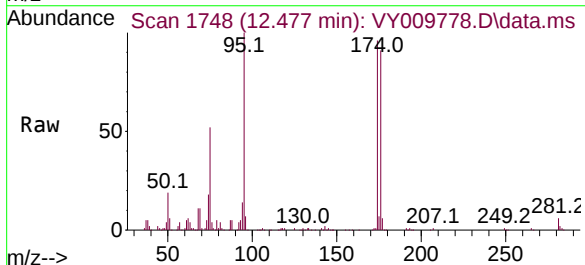
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-76

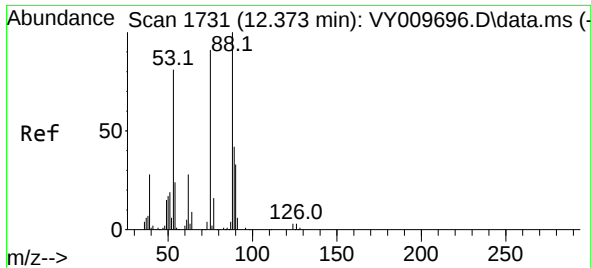
Tgt Ion:152 Resp: 127207
 Ion Ratio Lower Upper
 152 100
 115 54.0 28.2 84.7
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.014 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009778.D
 Acq: 29 Jul 2022 17:26

Tgt Ion: 75 Resp: 35464
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.827 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009778.D
 Acq: 29 Jul 2022 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-76

Tgt Ion: 75 Resp: 35464
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

