

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009798.D
 Acq On : 01 Aug 2022 15:52
 Operator : KP/MD
 Sample : N3935-18
 Misc : 2.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-148

Quant Time: Aug 02 01:40:05 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)

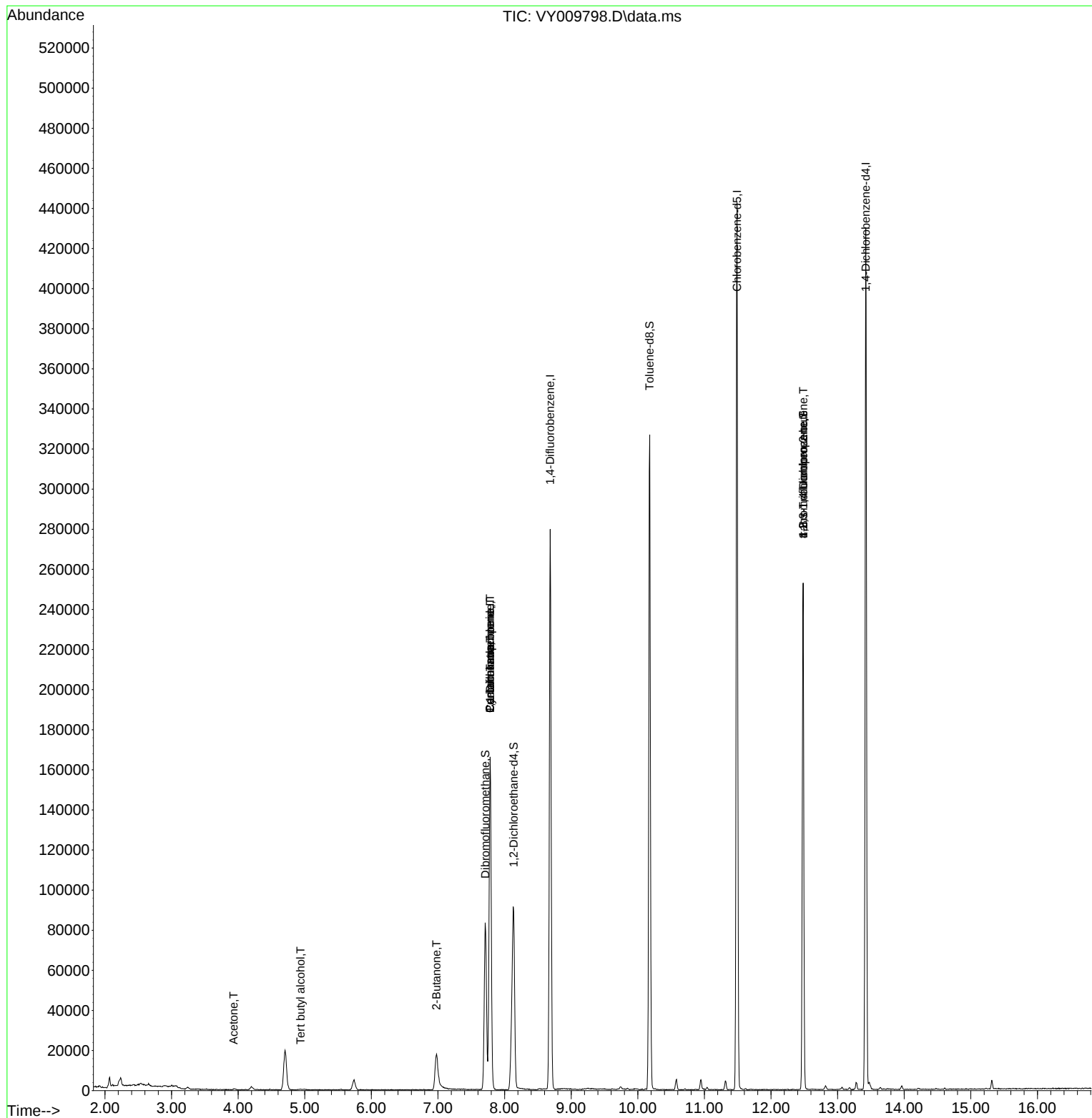
Internal Standards						
1) Pentafluorobenzene	7.782	168	138348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	238944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	247366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58162	64.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.360%	
35) Dibromofluoromethane	7.709	113	58449	44.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.960%	
50) Toluene-d8	10.178	98	215222	57.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 115.000%	
62) 4-Bromofluorobenzene	12.483	95	71027	41.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 82.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	412	2.220	ug/l #	91
16) Acetone	3.930	43	738	2.231	ug/l #	86
18) Methyl Acetate	4.472	43	222	Below Cal	#	56
20) Methylene Chloride	4.704	84	15007	Below Cal		90
25) 2-Butanone	6.978	43	1021	2.092	ug/l	93
31) Cyclohexane	7.782	56	2567	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	10132	4.791	ug/l #	49
38) Carbon Tetrachloride	7.782	117	12298	5.428	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	36137	34.127	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36137	68.024	ug/l #	7

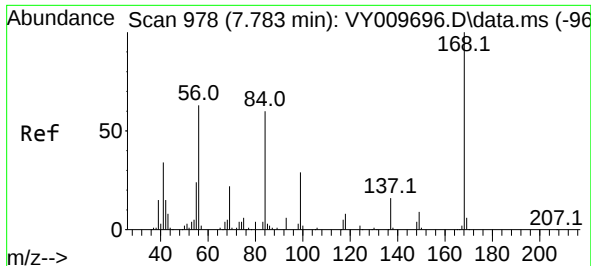
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
Data File : VY009798.D
Acq On : 01 Aug 2022 15:52
Operator : KP/MD
Sample : N3935-18
Misc : 2.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

Quant Time: Aug 02 01:40:05 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

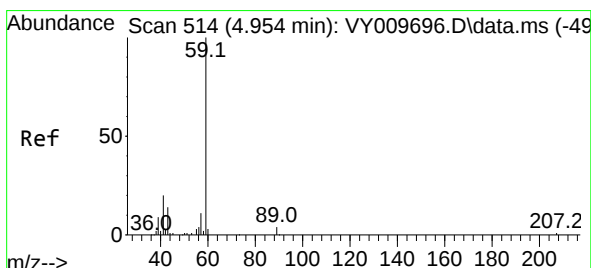
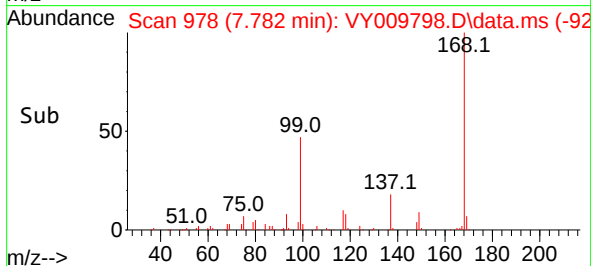
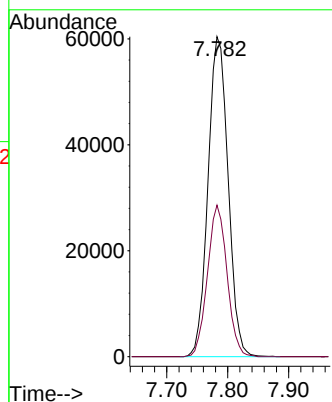
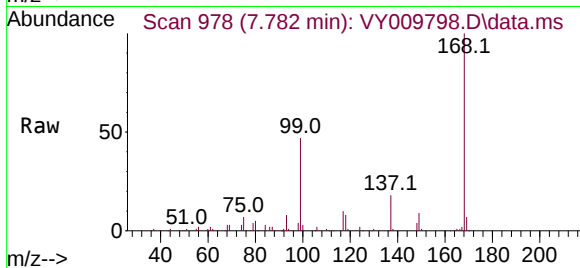




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

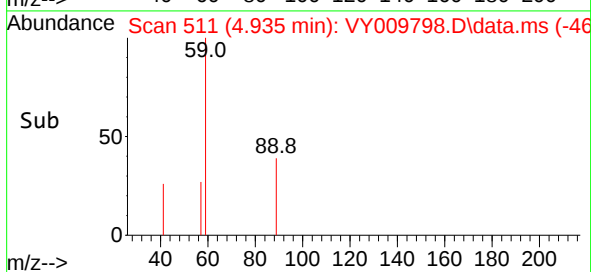
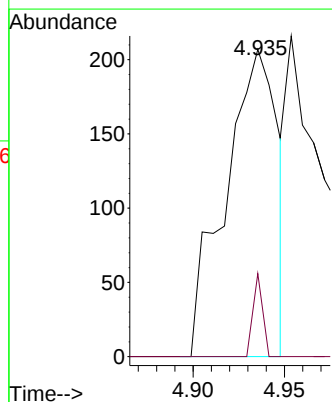
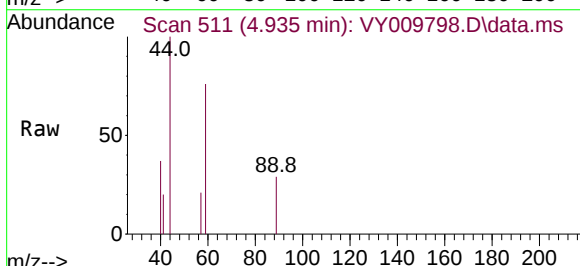
Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

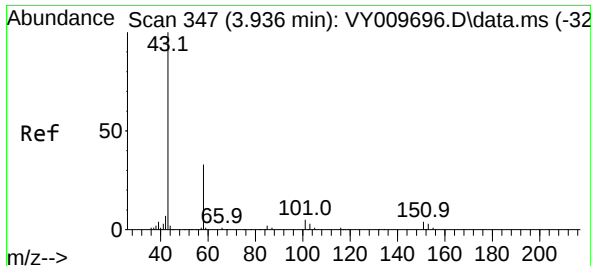
Tgt Ion:168 Resp: 138348
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.220 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.019 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 4.9 6.4 9.6#

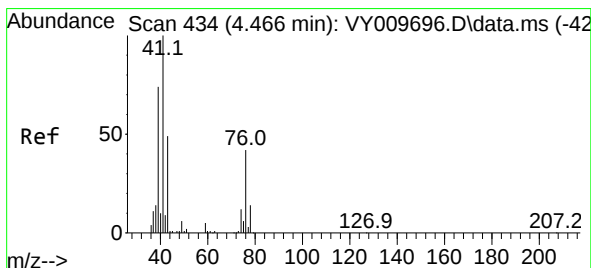
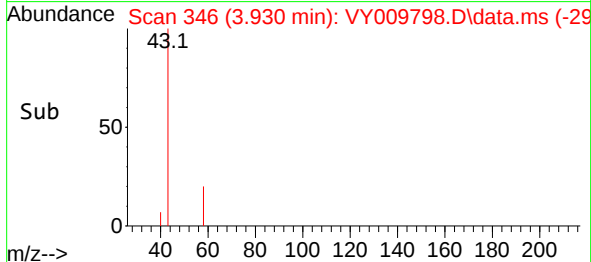
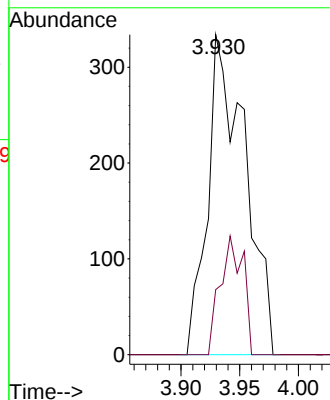
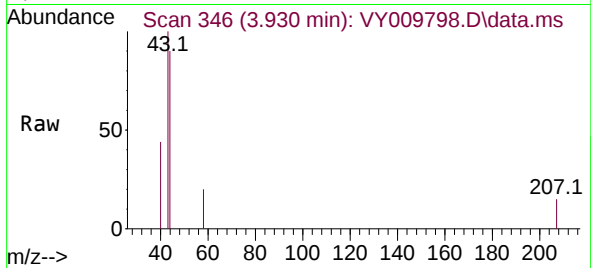




#16
Acetone
Concen: 2.231 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

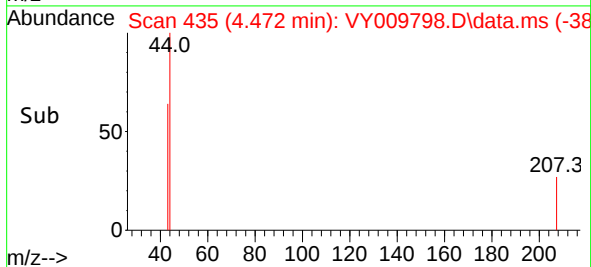
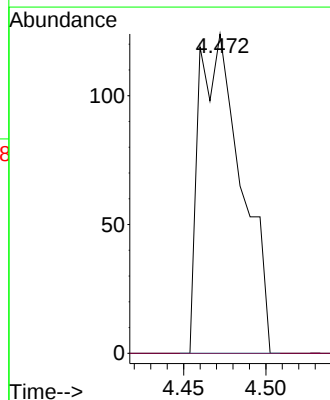
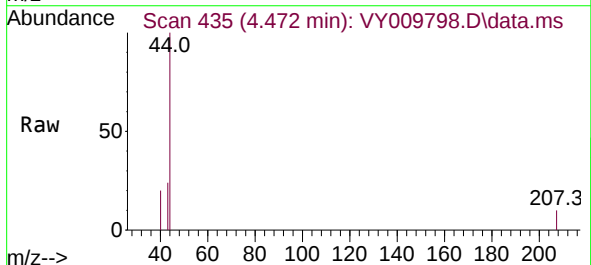
Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

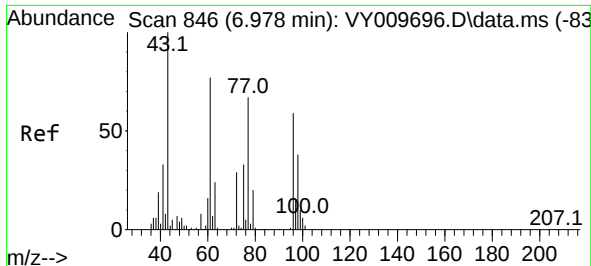
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 20.4 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

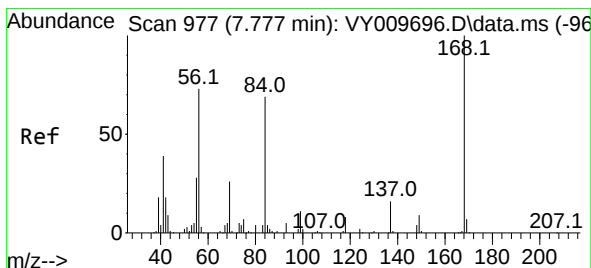
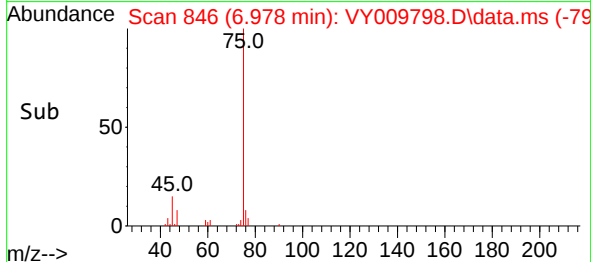
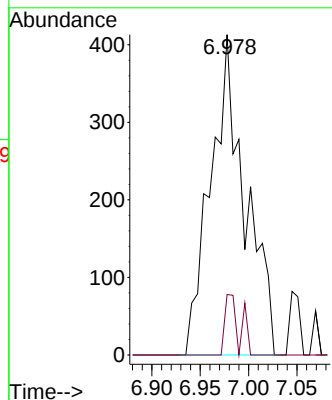
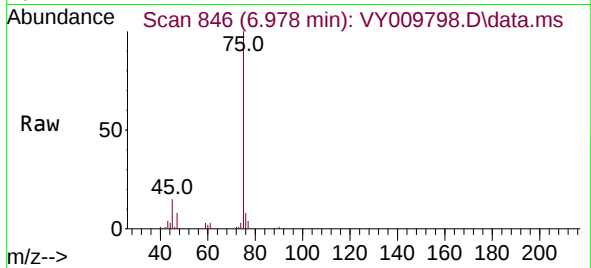




#25
2-Butanone
Concen: 2.092 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

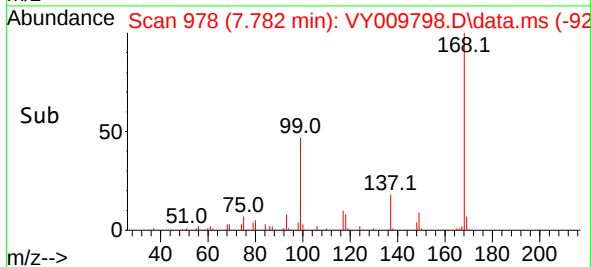
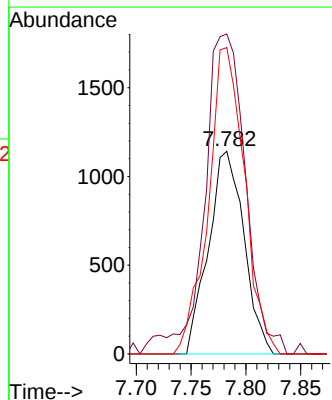
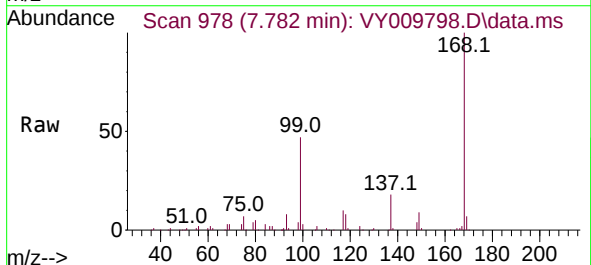
Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

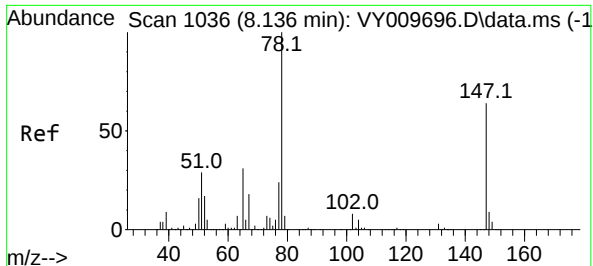
Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
72 18.9 17.7 26.5



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.782 min Scan# 978
Delta R.T. 0.005 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 56 Resp: 2567
Ion Ratio Lower Upper
56 100
69 148.4 26.7 40.1#
84 151.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.677 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009798.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

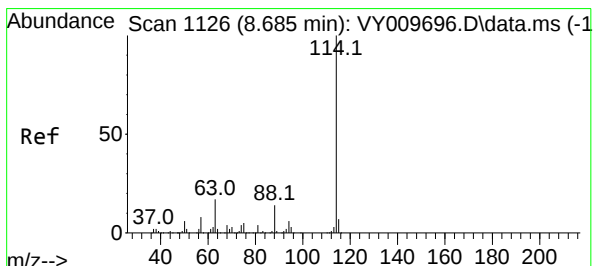
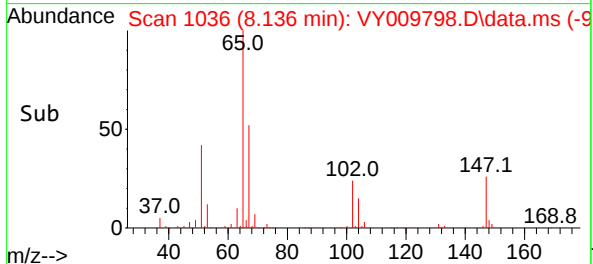
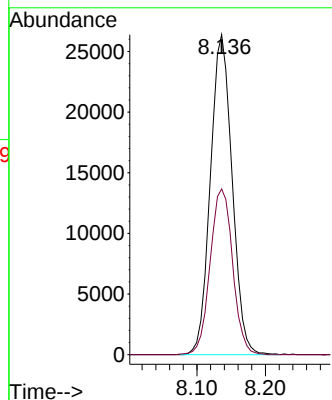
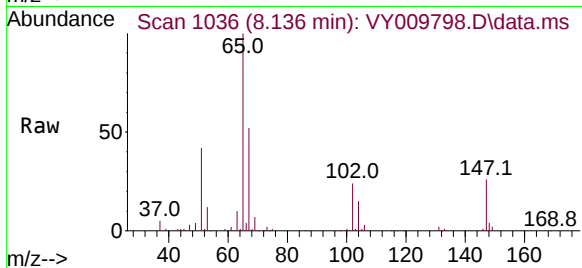
RVE-148

Tgt Ion: 65 Resp: 58162

Ion Ratio Lower Upper

65 100

67 53.6 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: VY009798.D

Acq: 01 Aug 2022 15:52

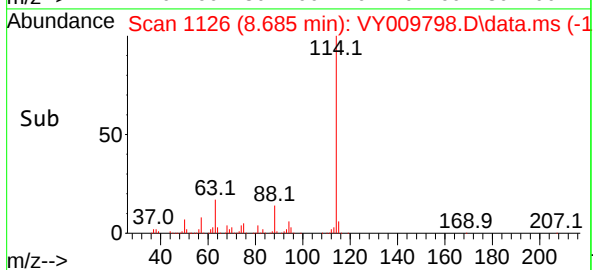
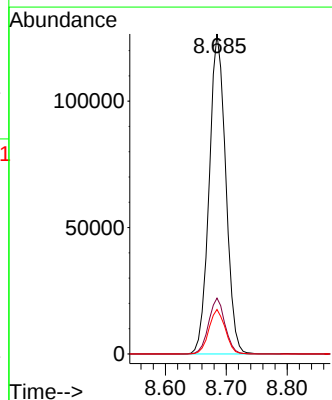
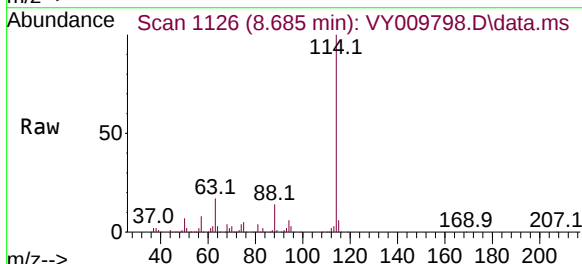
Tgt Ion: 114 Resp: 238944

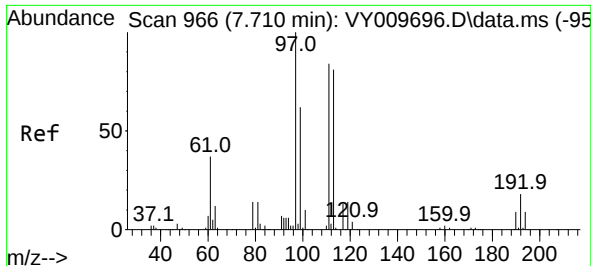
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.9 0.0 31.8

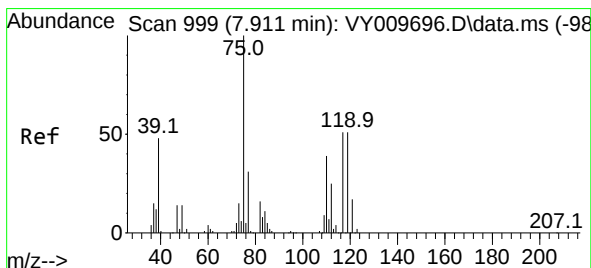
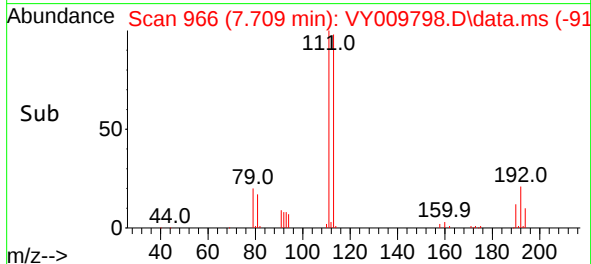
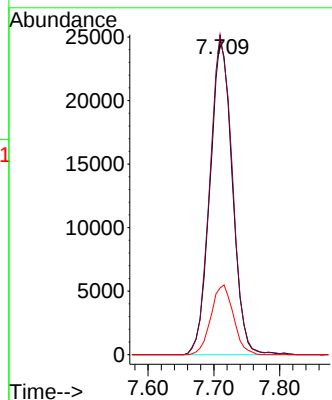
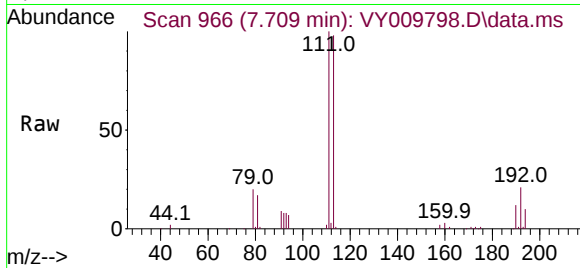




#35
Dibromofluoromethane
Concen: 44.976 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

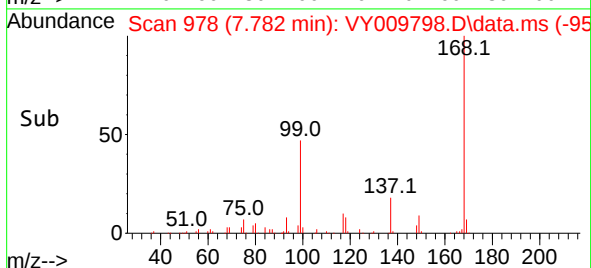
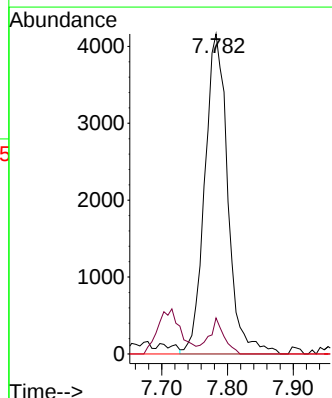
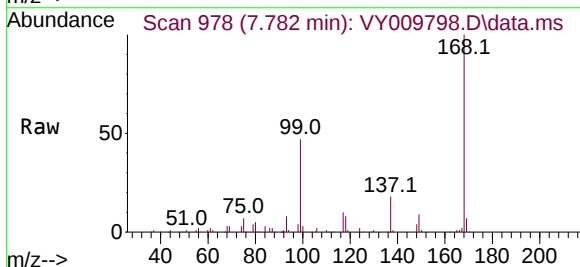
Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

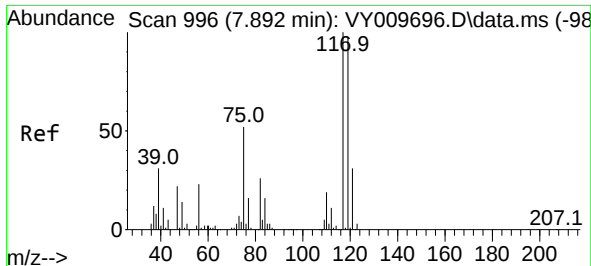
Tgt Ion:113 Resp: 58449
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.129 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 75 Resp: 10132
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.4 36.6#

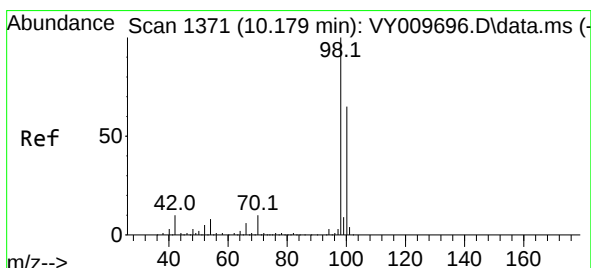
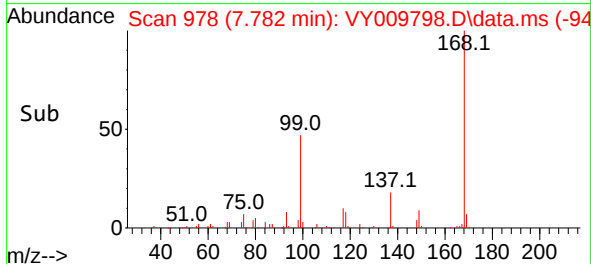
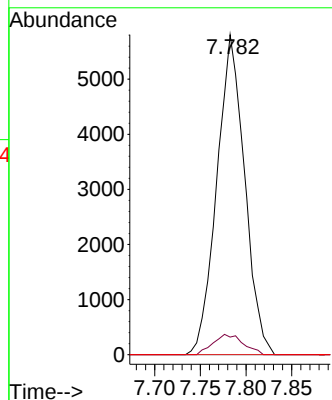
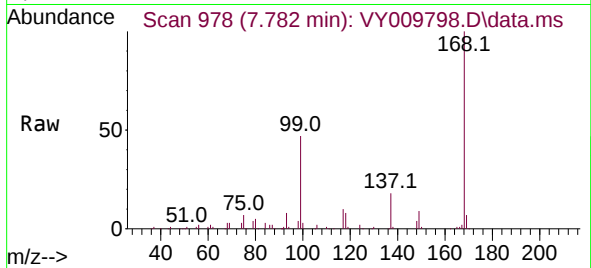




#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

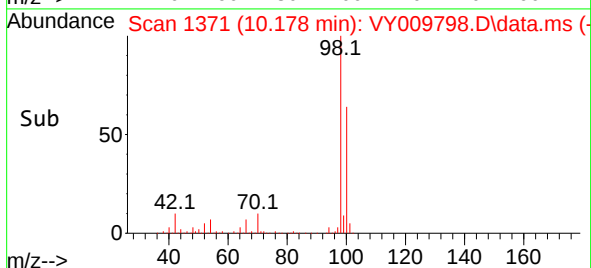
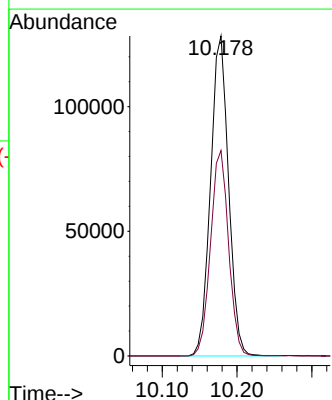
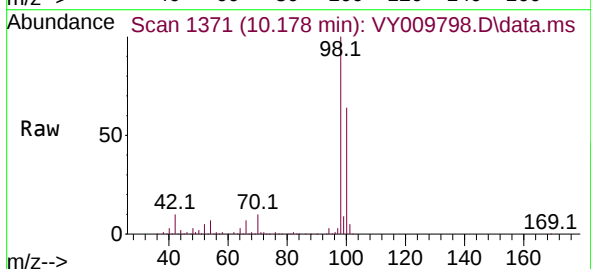
Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

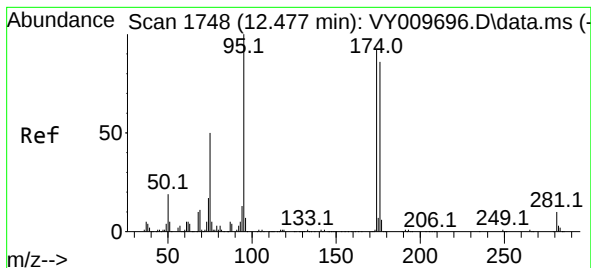
Tgt Ion:117 Resp: 12298
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.502 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 98 Resp: 215222
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

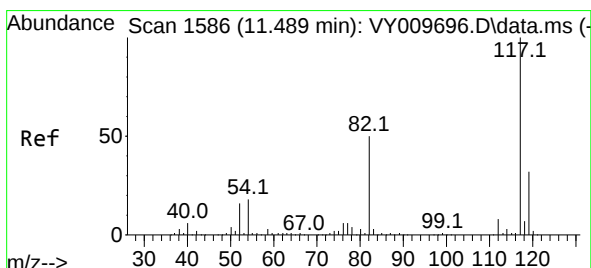
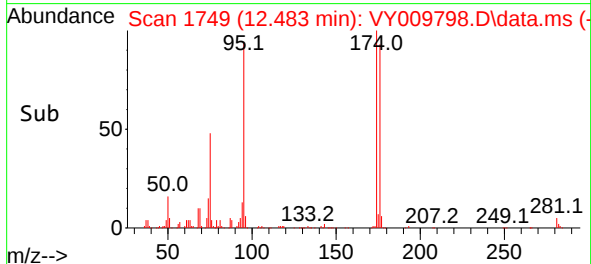
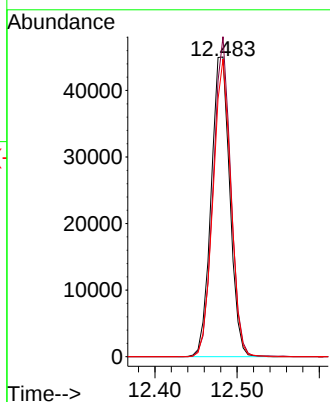
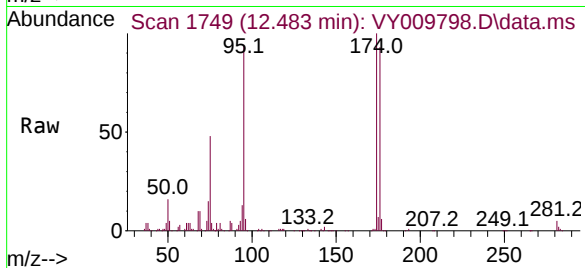




#62
4-Bromofluorobenzene
Concen: 41.218 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

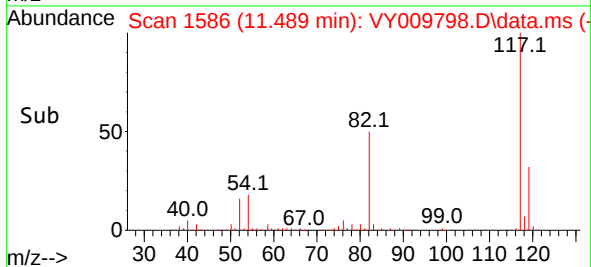
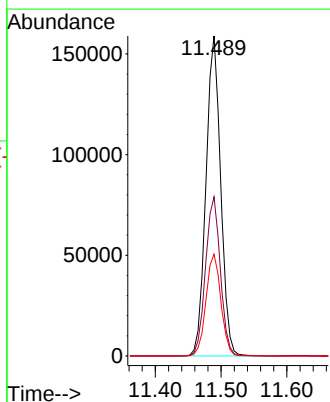
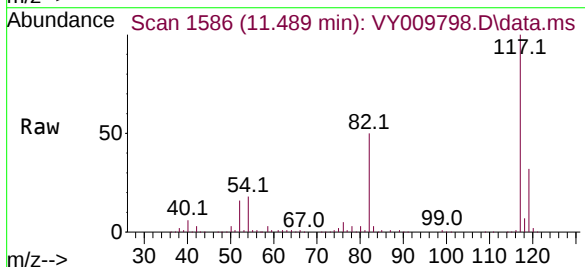
Instrument :
MSVOA_Y
ClientSampleId :
RVE-148

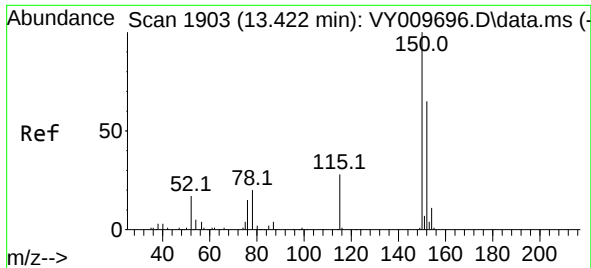
Tgt Ion: 95 Resp: 71027
Ion Ratio Lower Upper
95 100
174 100.0 0.0 177.0
176 95.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009798.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 117 Resp: 247366
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 31.8 25.4 38.0

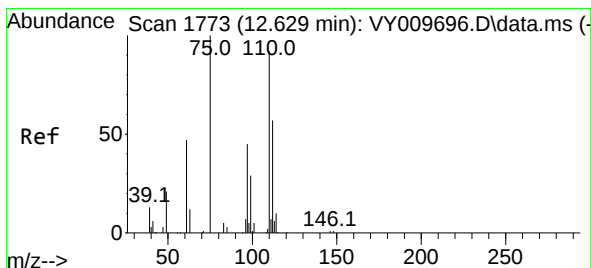
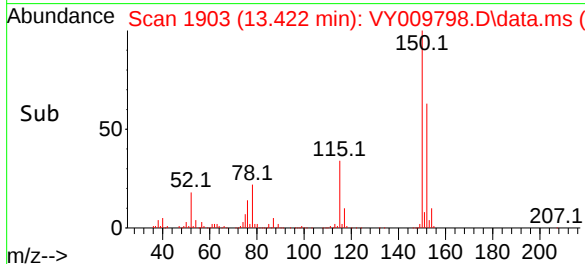
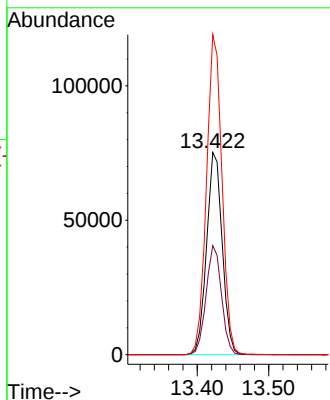
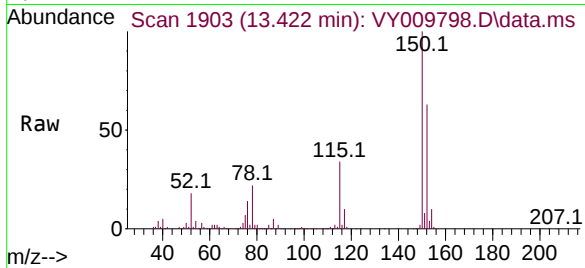




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009798.D
 Acq: 01 Aug 2022 15:52

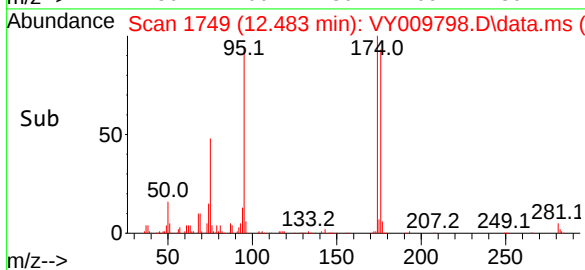
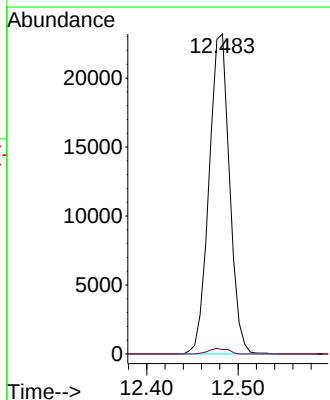
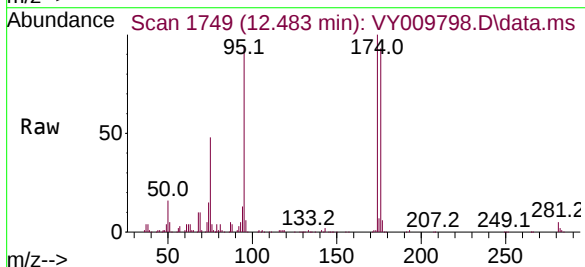
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-148

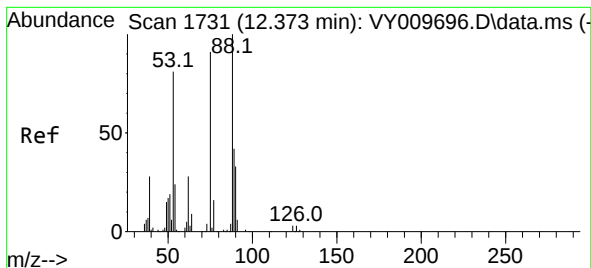
Tgt Ion:152 Resp: 114002
 Ion Ratio Lower Upper
 152 100
 115 53.3 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 34.127 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY009798.D
 Acq: 01 Aug 2022 15:52

Tgt Ion: 75 Resp: 36137
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.024 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY009798.D
 Acq: 01 Aug 2022 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-148

Tgt Ion: 75 Resp: 36137
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

