

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009903.D
 Acq On : 09 Aug 2022 03:09
 Operator : KP/MD
 Sample : N4016-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-188

Quant Time: Aug 09 07:00:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

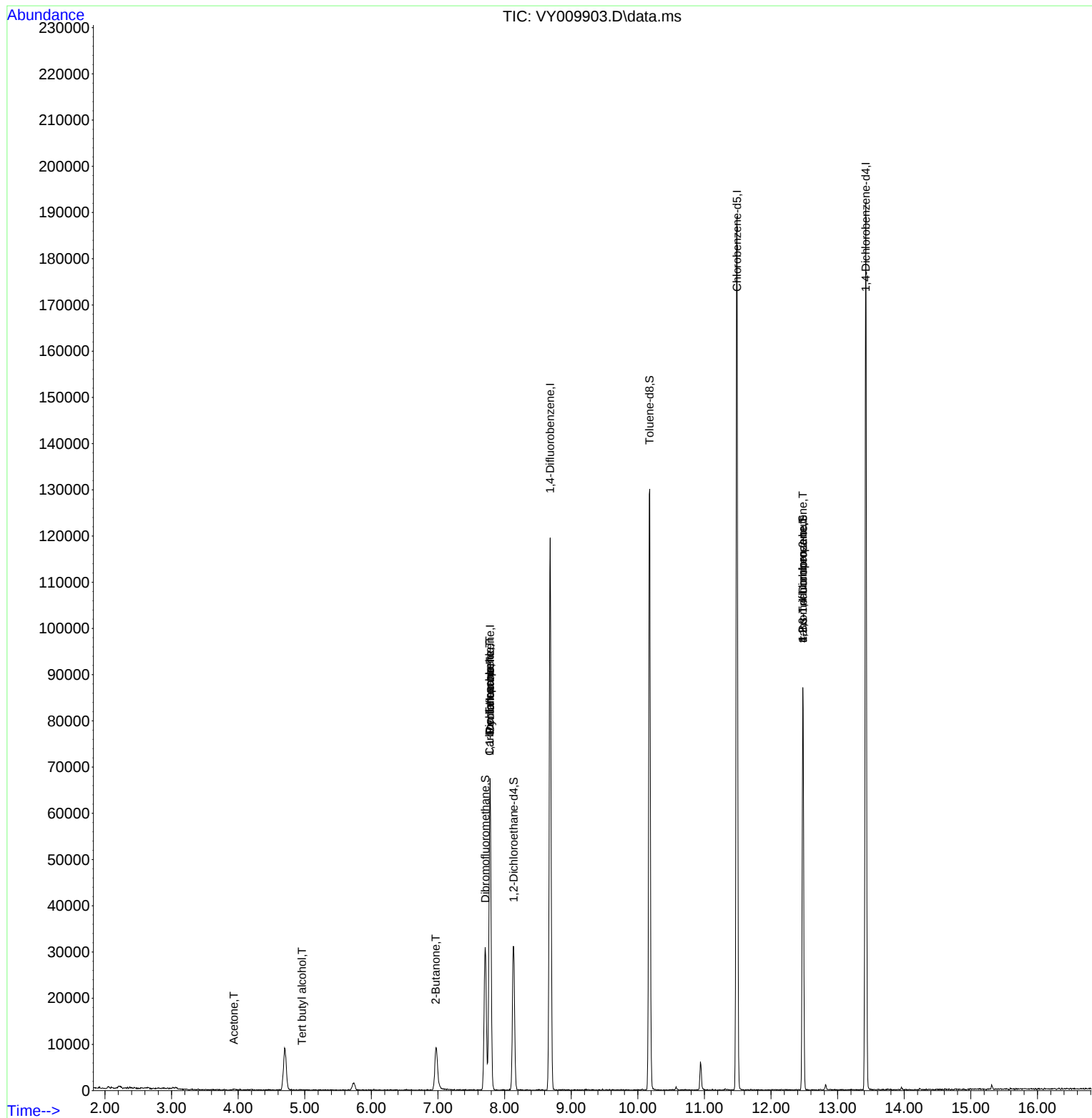
Internal Standards						
1) Pentafluorobenzene	7.783	168	51163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	97807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23741	60.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.710	113	21951	41.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 82.680%	
50) Toluene-d8	10.179	98	82938	51.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.477	95	25373	34.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 68.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	64	1.103	ug/l #	78
16) Acetone	3.936	43	271	1.878	ug/l #	77
18) Methyl Acetate	4.466	43	149	Below Cal	#	52
25) 2-Butanone	6.966	43	517	2.175	ug/l #	48
31) Cyclohexane	7.783	56	1321	1.330	ug/l #	25
36) 1,1-Dichloropropene	7.777	75	4206	4.695	ug/l #	47
38) Carbon Tetrachloride	7.777	117	4887	5.496	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	13366	26.997	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13366	54.582	ug/l #	13

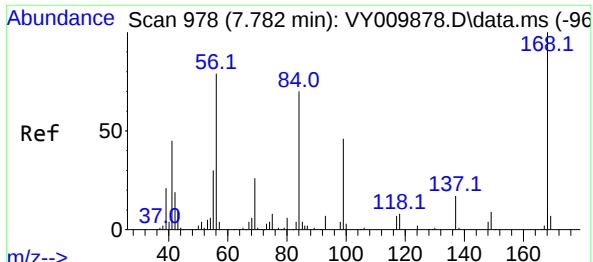
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
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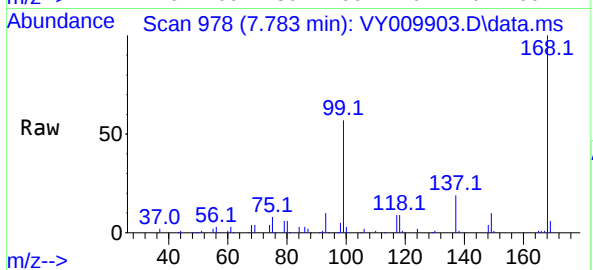
Quant Time: Aug 09 07:00:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



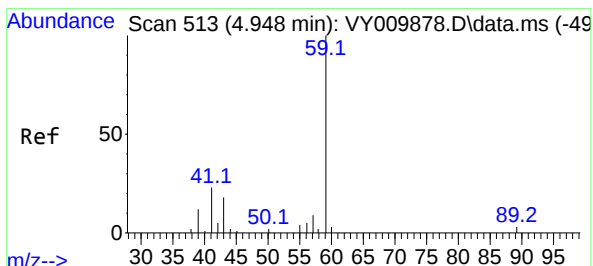
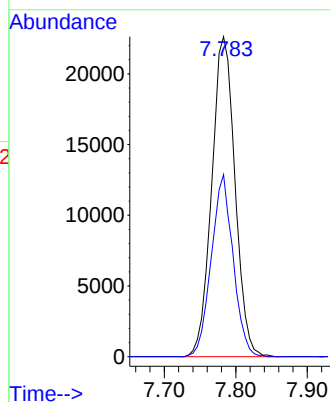
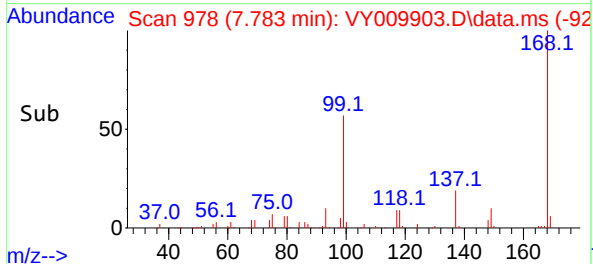


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

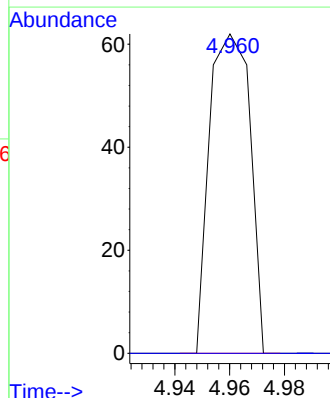
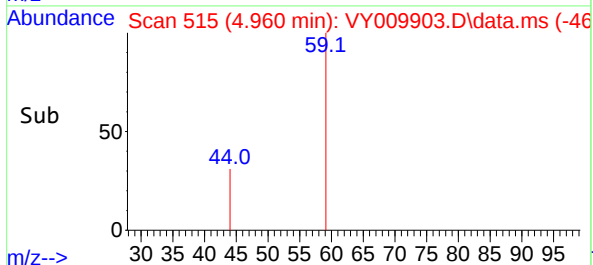
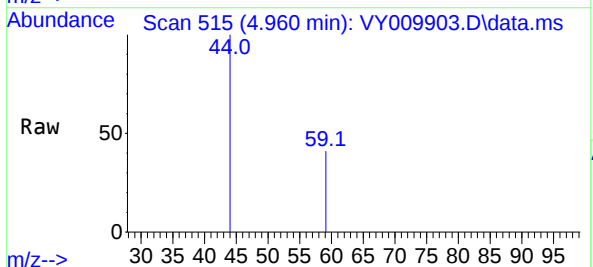


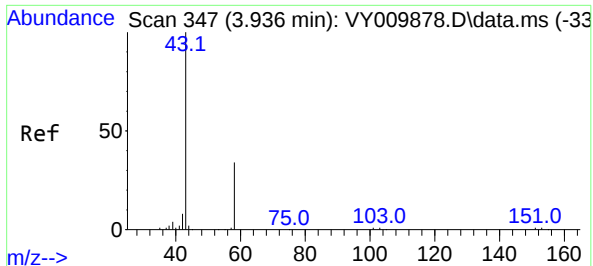
Tgt Ion:168 Resp: 51163
Ion Ratio Lower Upper
168 100
99 56.9 42.1 63.1



#11
Tert butyl alcohol
Concen: 1.103 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

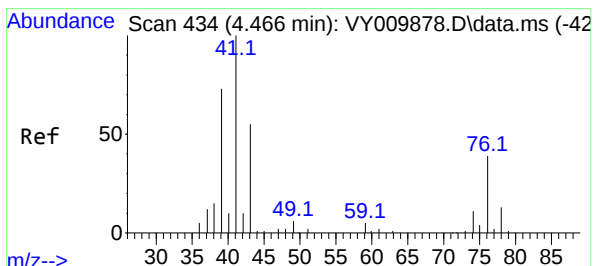
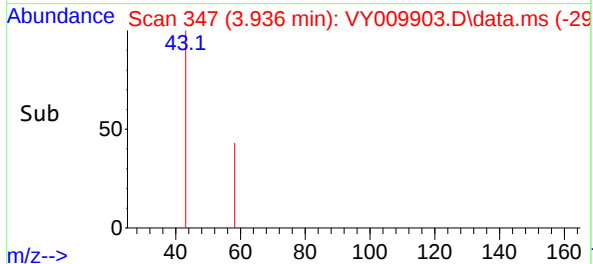
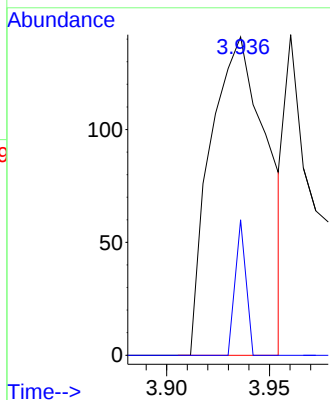
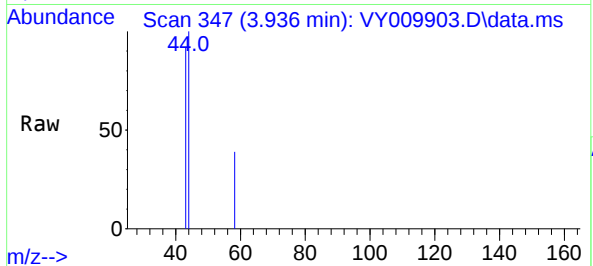




#16
Acetone
Concen: 1.878 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

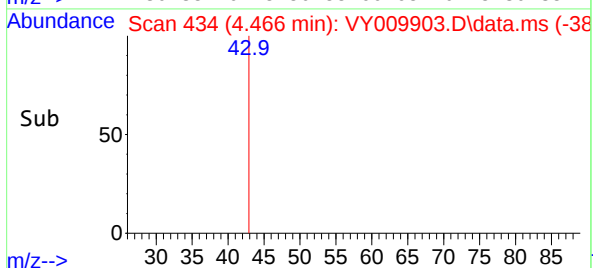
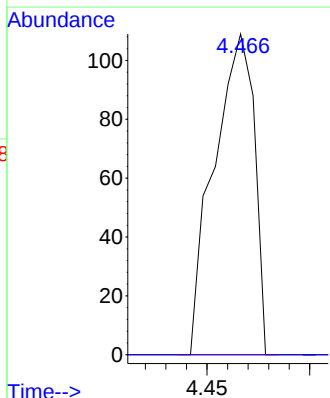
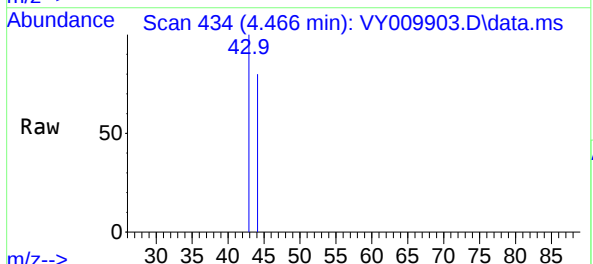
Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

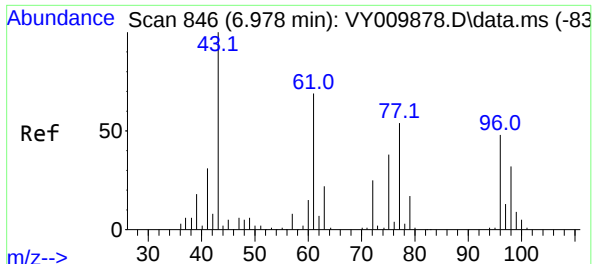
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 42.6 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#





#25

2-Butanone

Concen: 2.175 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY009903.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_Y

ClientSampleId :

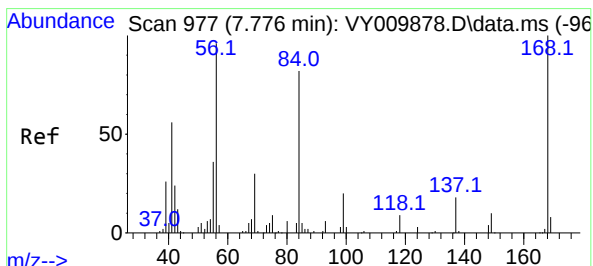
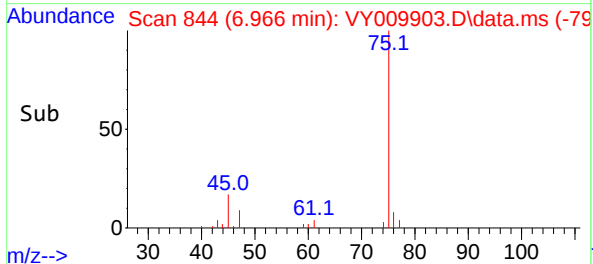
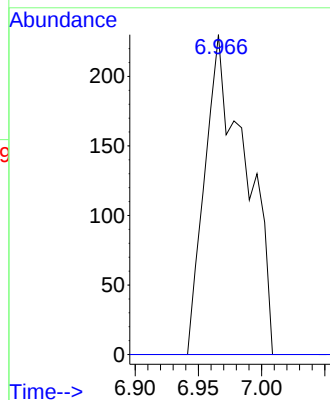
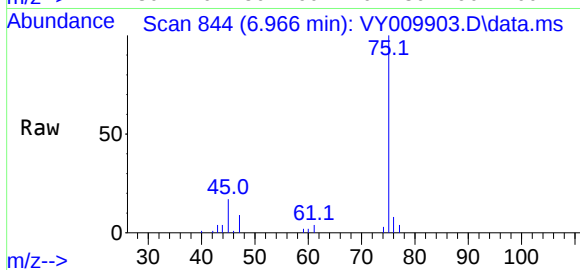
RVE-188

Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.330 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.007 min

Lab File: VY009903.D

Acq: 09 Aug 2022 03:09

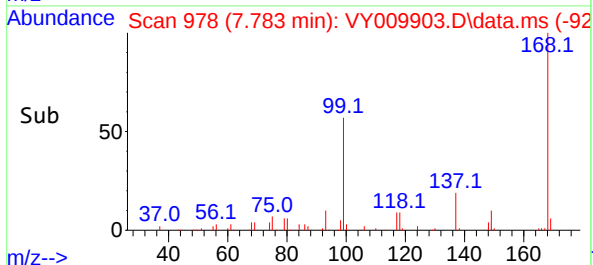
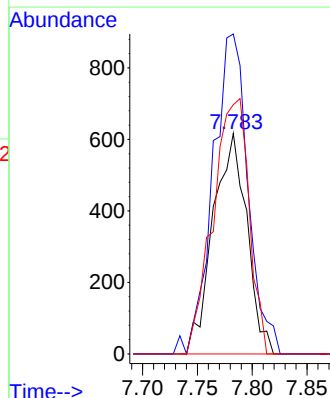
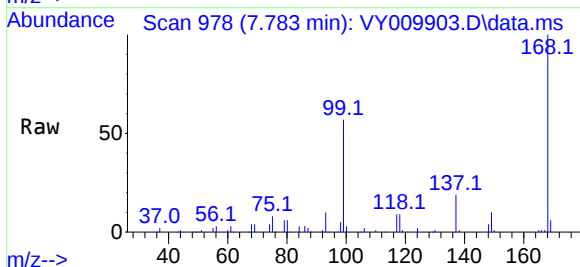
Tgt Ion: 56 Resp: 1321

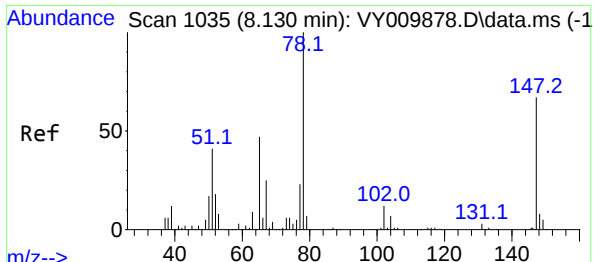
Ion Ratio Lower Upper

56 100

69 145.1 26.0 39.0#

84 113.0 69.5 104.3#

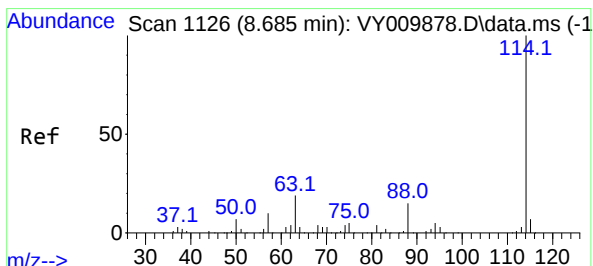
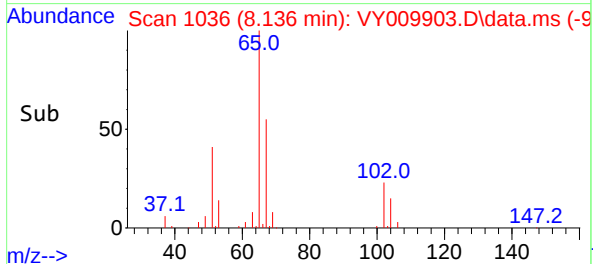
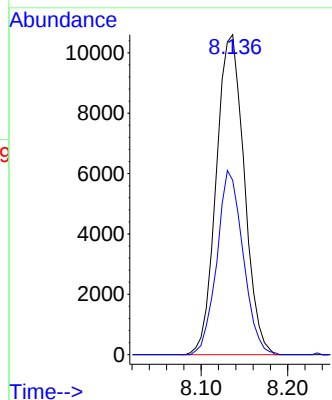
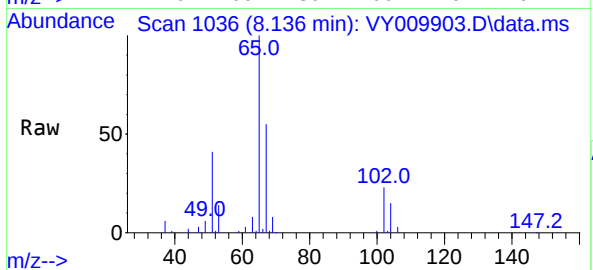




#33
 1,2-Dichloroethane-d4
 Concen: 60.478 ug/l
 RT: 8.136 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VY009903.D
 Acq: 09 Aug 2022 03:09

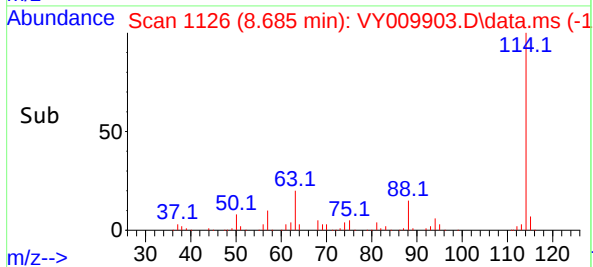
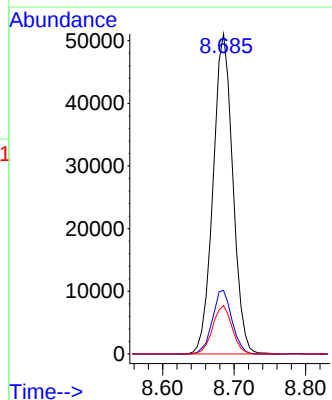
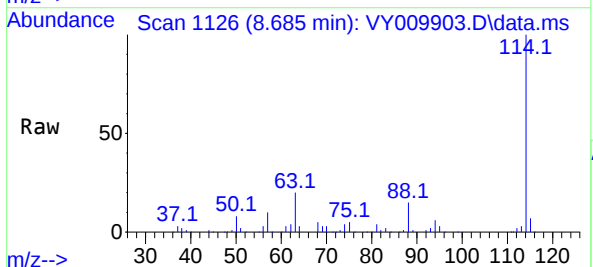
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-188

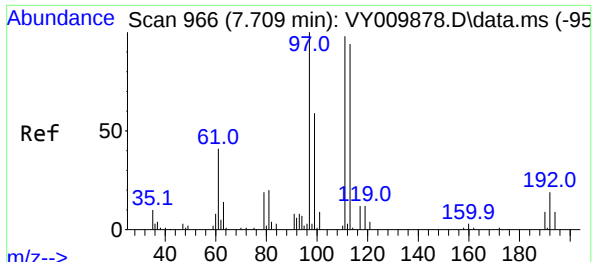
Tgt Ion: 65 Resp: 23741
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009903.D
 Acq: 09 Aug 2022 03:09

Tgt Ion: 114 Resp: 97807
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.2 0.0 30.0

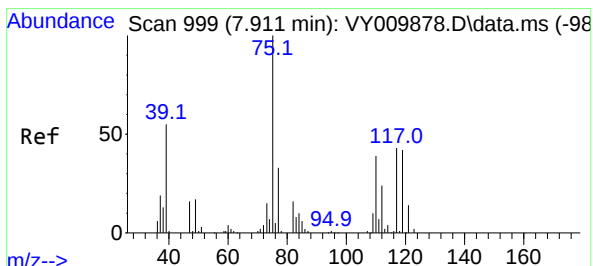
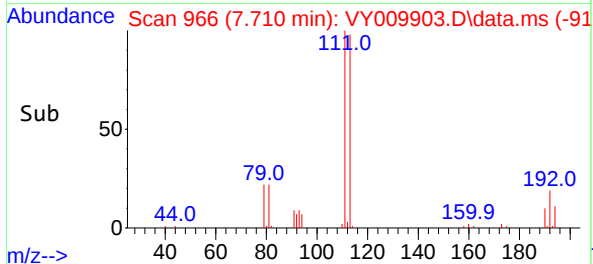
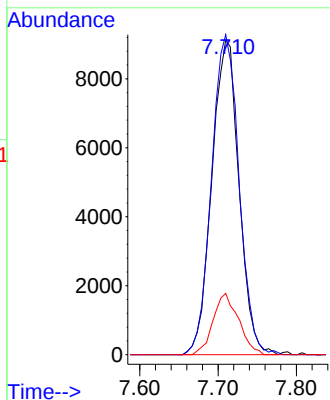
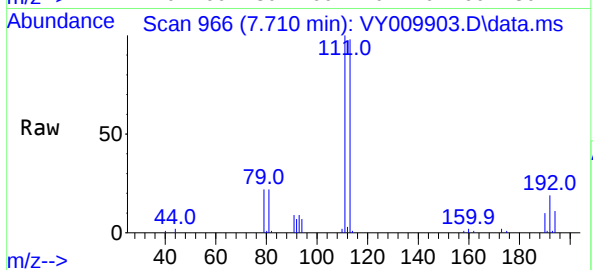




#35
Dibromofluoromethane
Concen: 41.344 ug/l
RT: 7.710 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

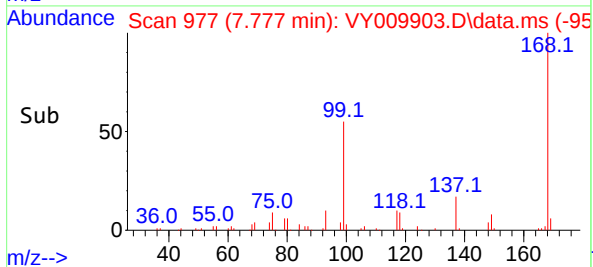
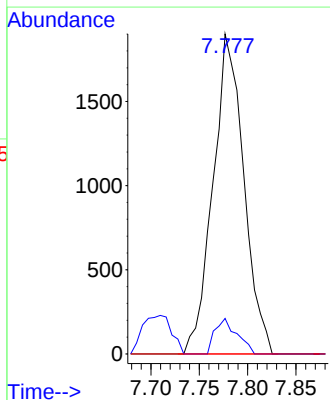
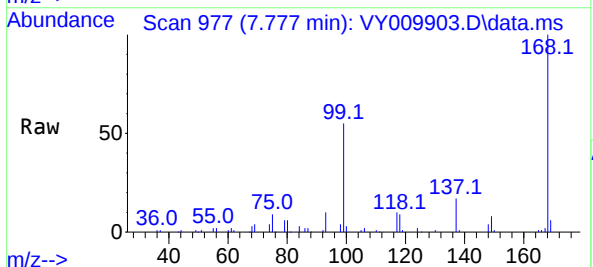
Instrument :
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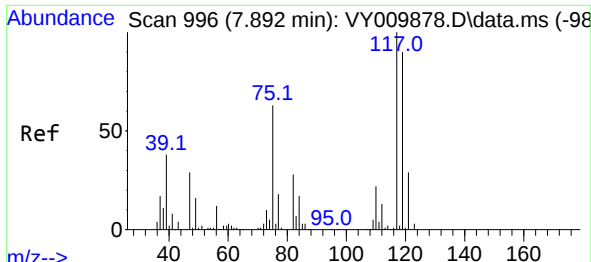
Tgt Ion:113 Resp: 21951
Ion Ratio Lower Upper
113 100
111 102.9 80.6 120.8
192 18.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.695 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

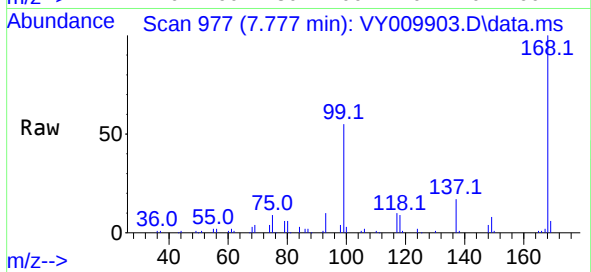
Tgt Ion: 75 Resp: 4206
Ion Ratio Lower Upper
75 100
110 7.9 18.6 56.0#
77 0.0 25.0 37.4#



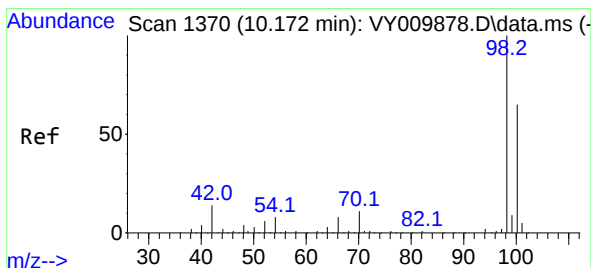
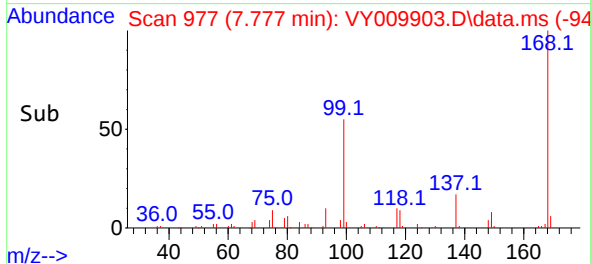
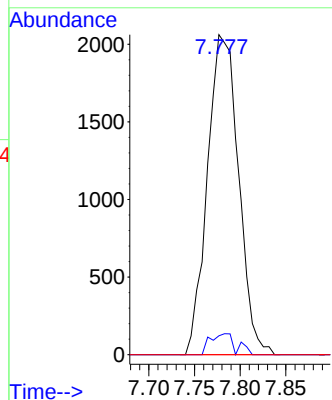


#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

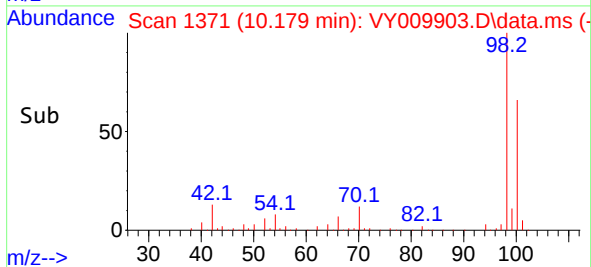
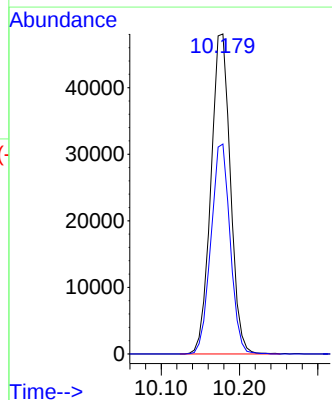
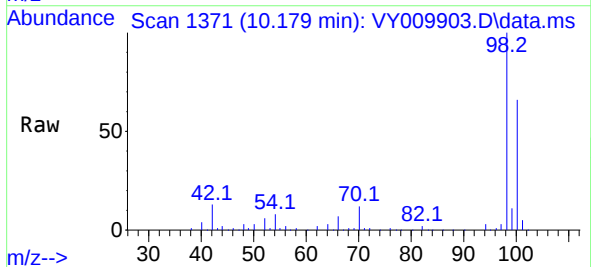


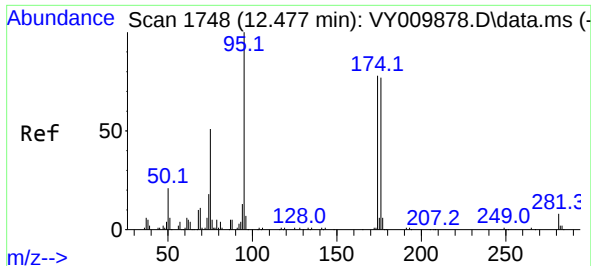
Tgt Ion:117 Resp: 4887
Ion Ratio Lower Upper
117 100
119 5.9 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 98 Resp: 82938
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3

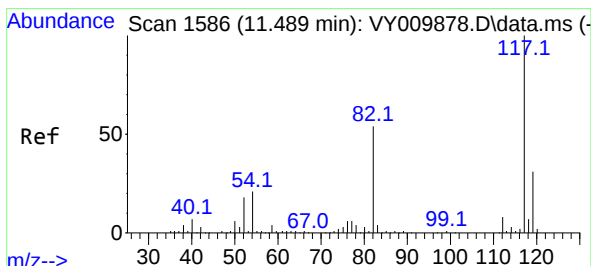
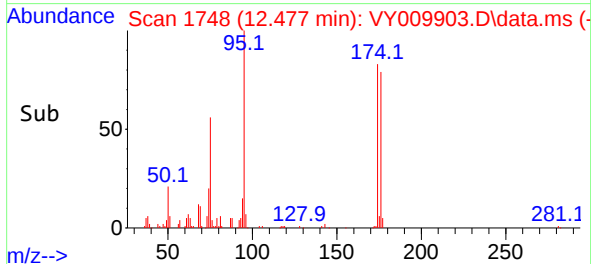
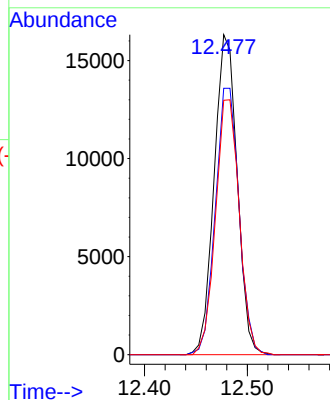
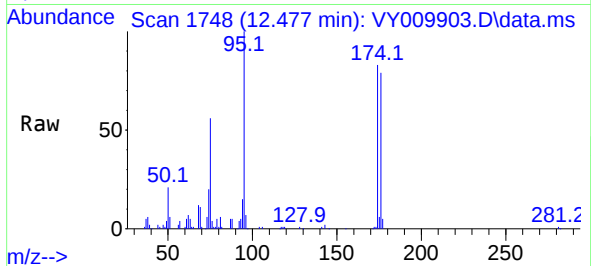




#62
4-Bromofluorobenzene
Concen: 34.226 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

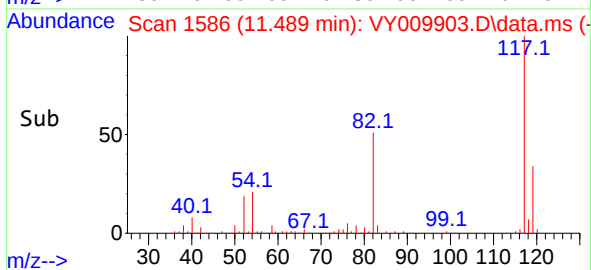
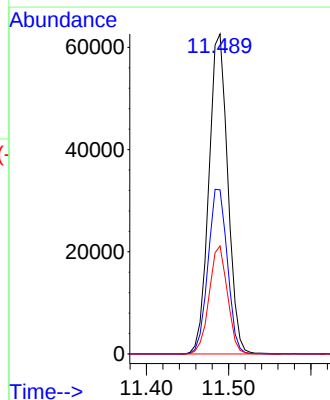
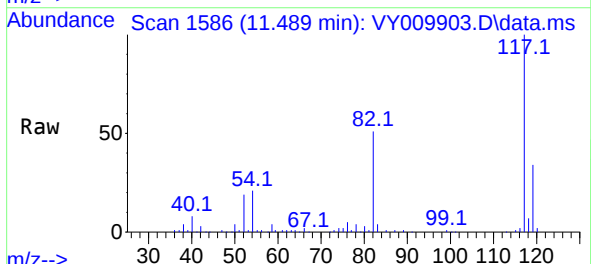
Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

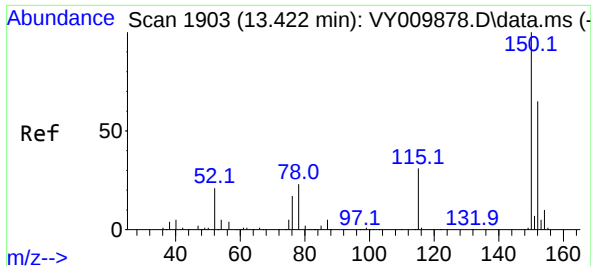
Tgt Ion: 95 Resp: 25373
Ion Ratio Lower Upper
95 100
174 85.4 0.0 173.8
176 81.9 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 117 Resp: 100248
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.6
119 33.8 25.6 38.4

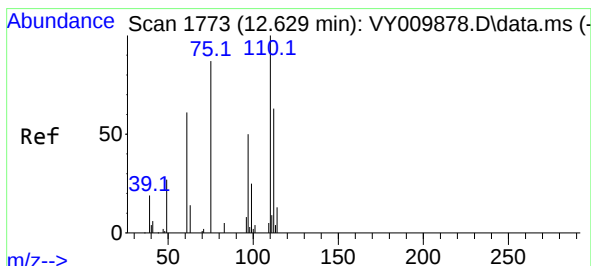
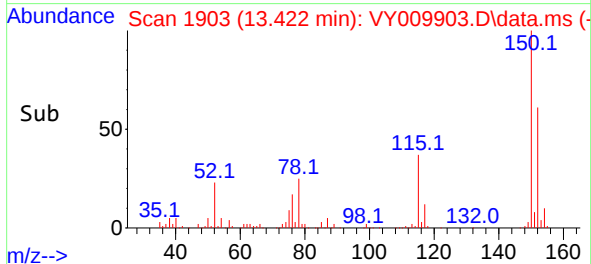
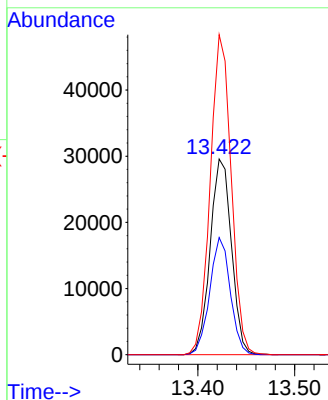
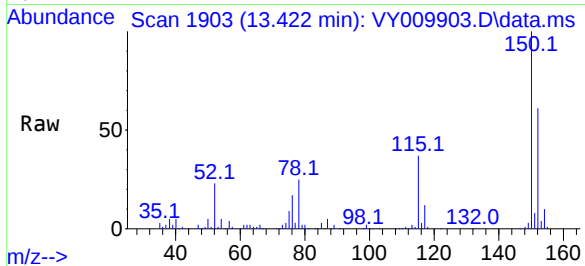




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

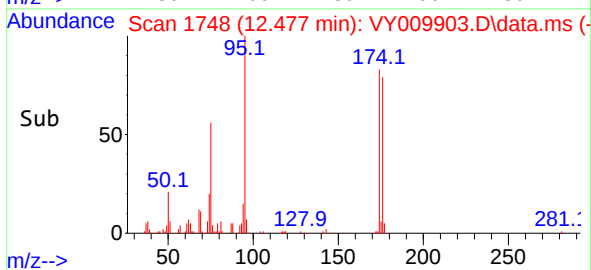
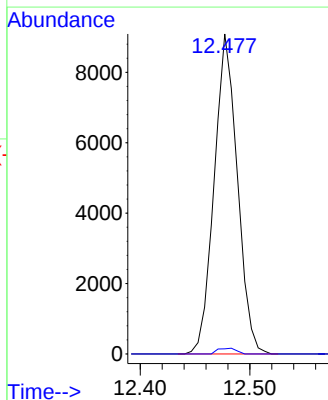
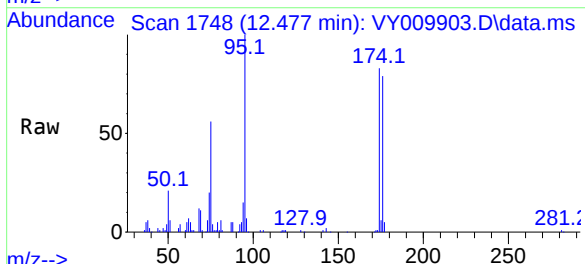
Instrument :
MSVOA_Y
ClientSampleId :
RVE-188

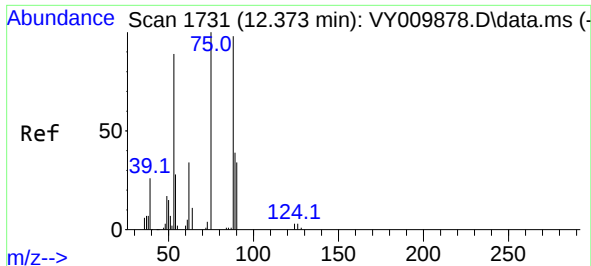
Tgt Ion:152 Resp: 45251
Ion Ratio Lower Upper
152 100
115 57.8 28.6 85.9
150 160.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 26.997 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009903.D
Acq: 09 Aug 2022 03:09

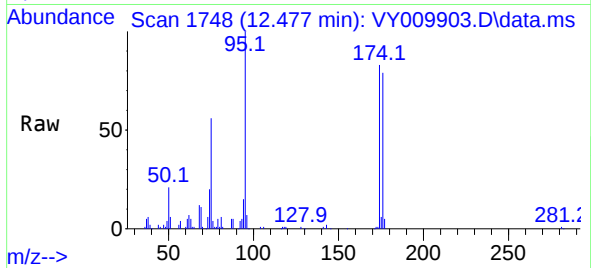
Tgt Ion: 75 Resp: 13366
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.582 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009903.D
 Acq: 09 Aug 2022 03:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-188



Tgt Ion: 75 Resp: 13366
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

