

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009742.D
 Acq On : 28 Jul 2022 11:43
 Operator : KP/MD
 Sample : N3896-15RE
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-72

Quant Time: Jul 29 02:55:33 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)

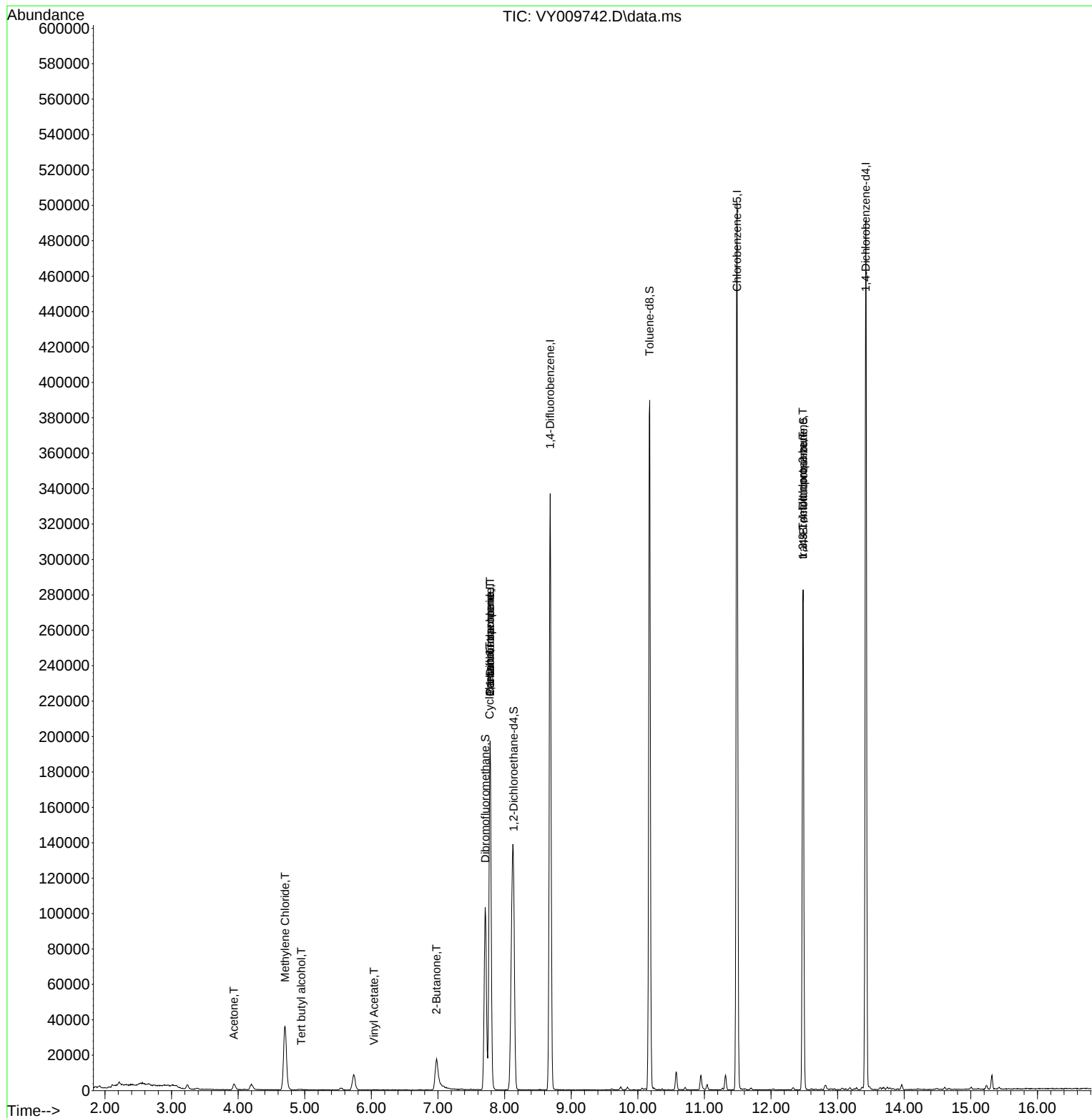
Internal Standards						
1) Pentafluorobenzene	7.783	168	165256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72207	67.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.900%	
35) Dibromofluoromethane	7.710	113	72910	45.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.760%	
50) Toluene-d8	10.179	98	260503	56.202	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 112.400%	
62) 4-Bromofluorobenzene	12.483	95	81488	38.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 76.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	451	1.966	ug/l #	77
16) Acetone	3.936	43	5732	14.507	ug/l	96
18) Methyl Acetate	4.472	43	124	Below Cal	#	56
20) Methylene Chloride	4.704	84	28610	6.697	ug/l	88
23) Vinyl Acetate	6.039	43	103	7.505	ug/l #	75
25) 2-Butanone	6.978	43	1578	2.707	ug/l #	54
31) Cyclohexane	7.777	56	2762	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10792	4.128	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14497	5.175	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	41318	33.648	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41318	67.070	ug/l #	7

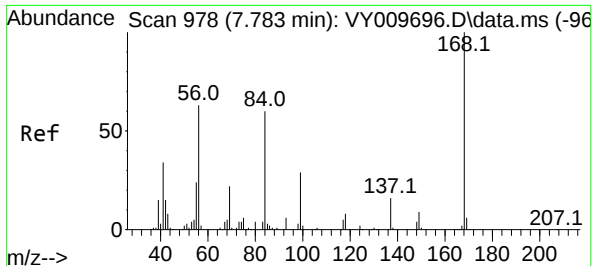
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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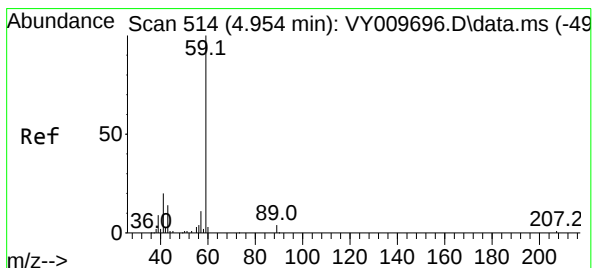
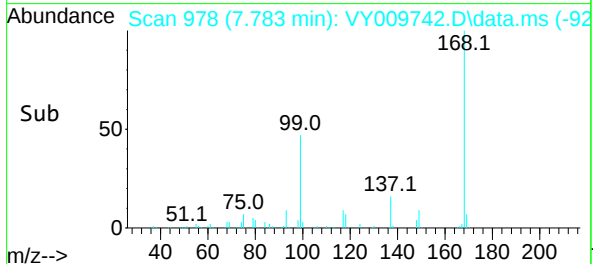
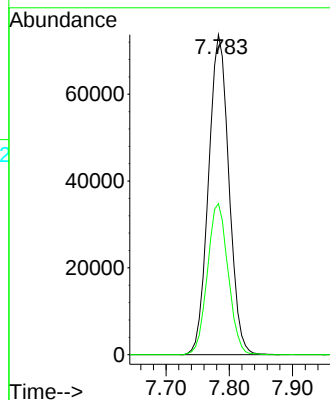
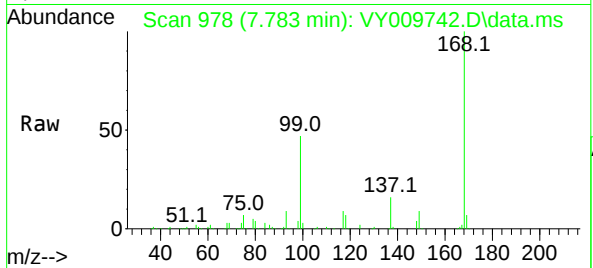




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

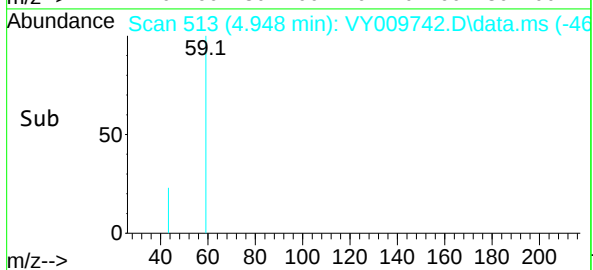
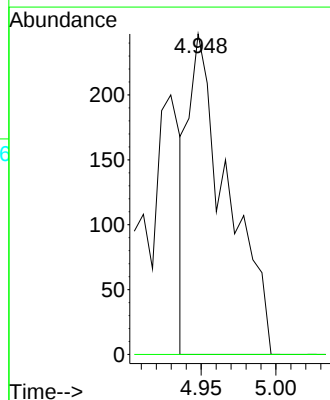
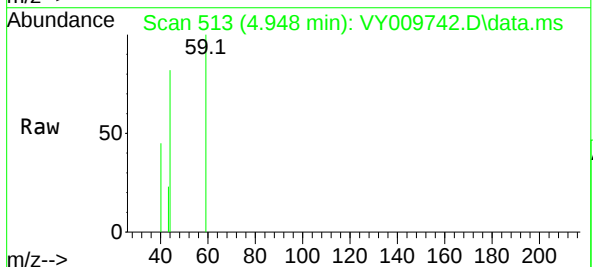
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

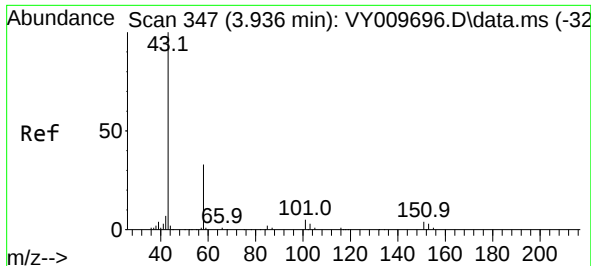
Tgt Ion:168 Resp: 165256
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.966 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 59 Resp: 451
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

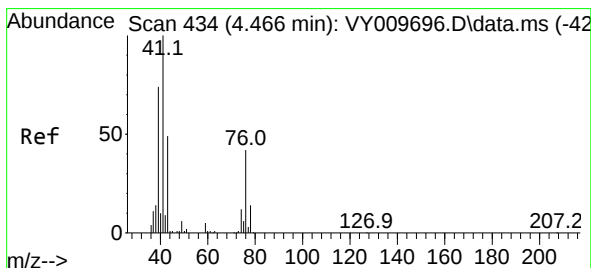
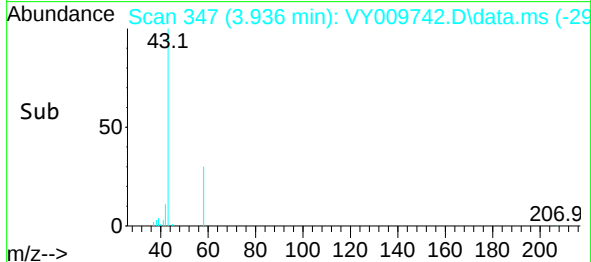
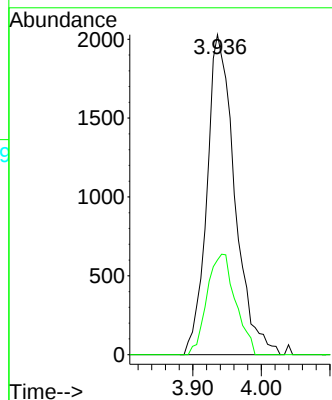
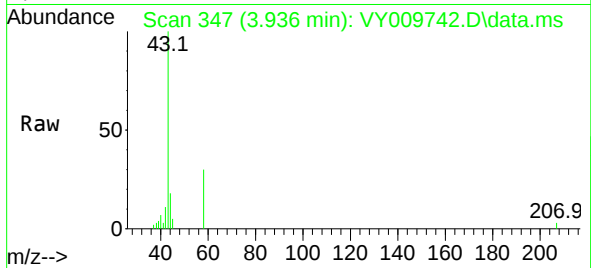




#16
Acetone
Concen: 14.507 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

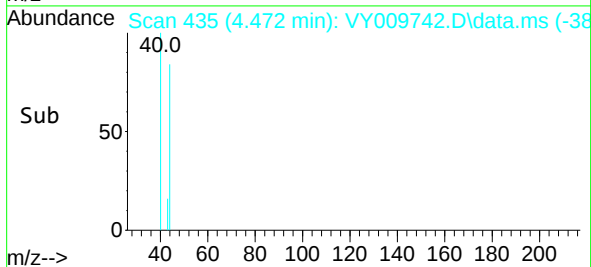
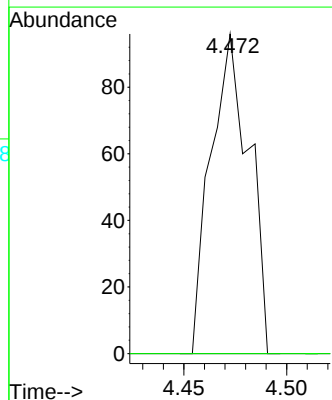
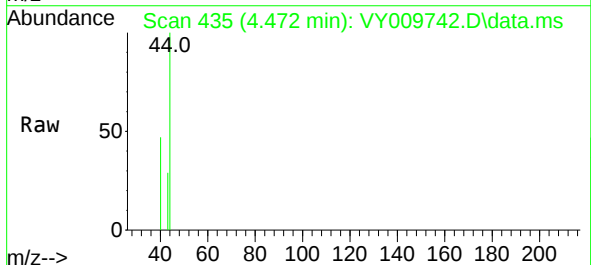
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

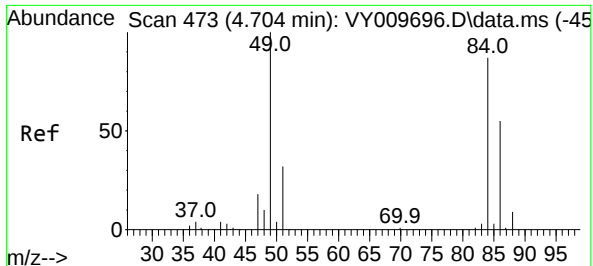
Tgt Ion: 43 Resp: 5732
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

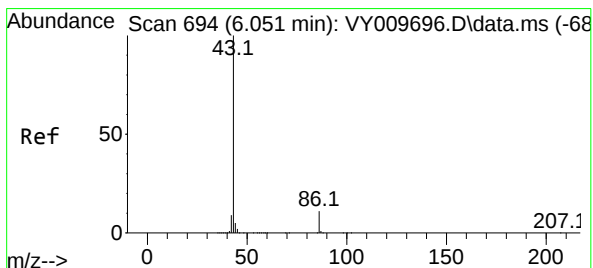
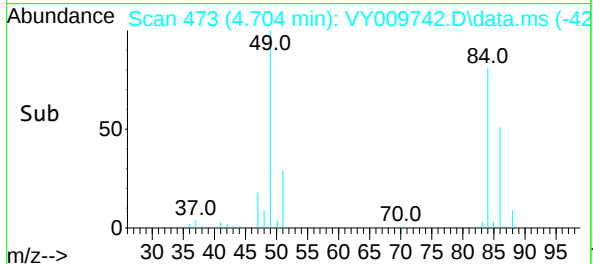
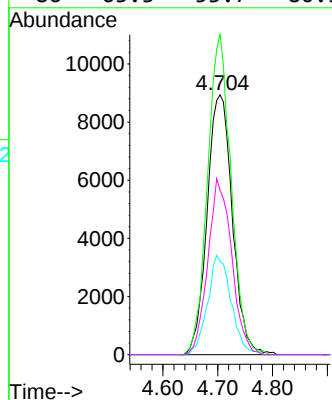
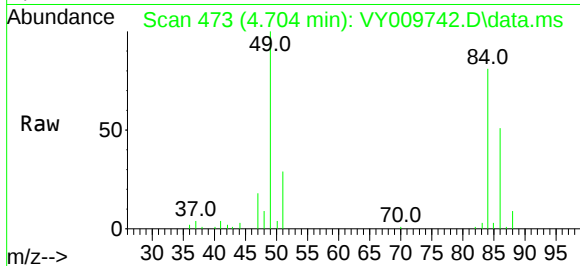




#20
Methylene Chloride
Concen: 6.697 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

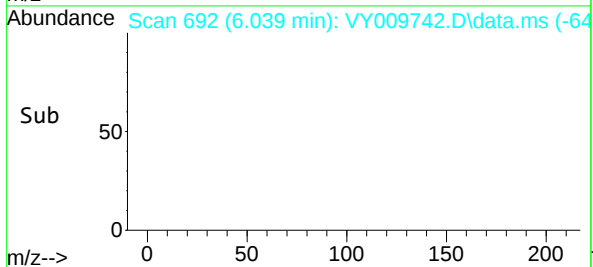
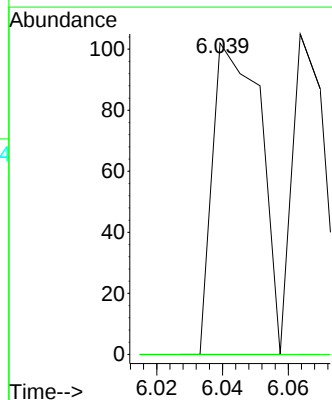
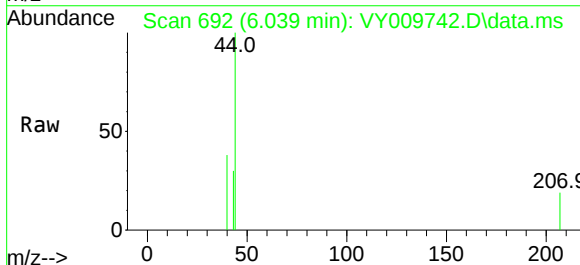
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

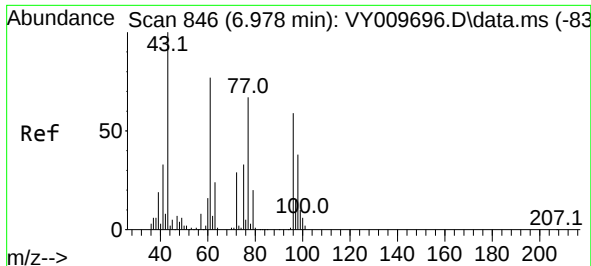
Tgt Ion:	84	Resp:	28610
Ion	Ratio	Lower	Upper
84	100		
49	123.2	114.4	171.6
51	36.1	35.3	52.9
86	63.3	53.7	80.5



#23
Vinyl Acetate
Concen: 7.505 ug/l
RT: 6.039 min Scan# 692
Delta R.T. -0.012 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion:	43	Resp:	103
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

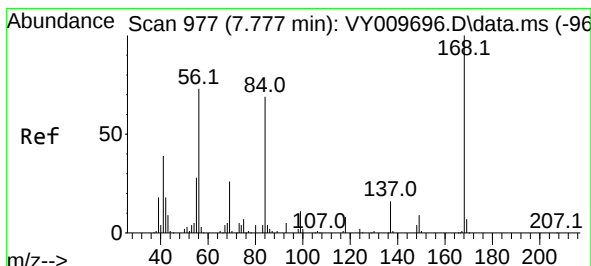
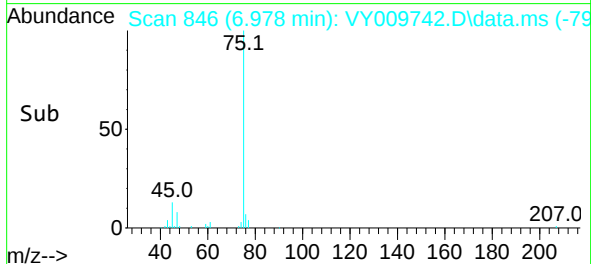
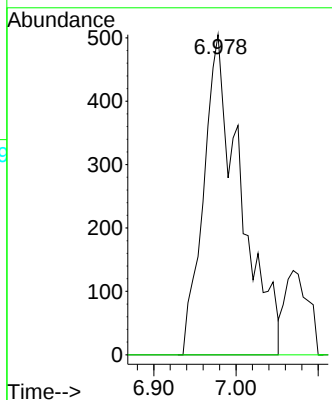
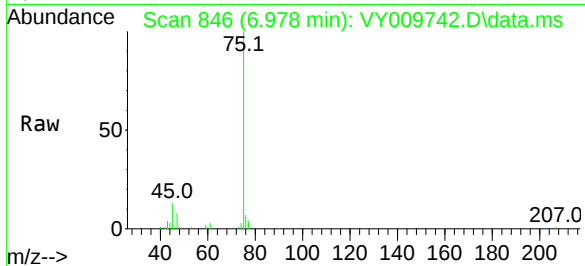




#25
2-Butanone
Concen: 2.707 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

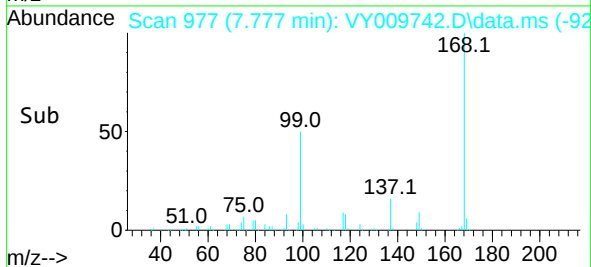
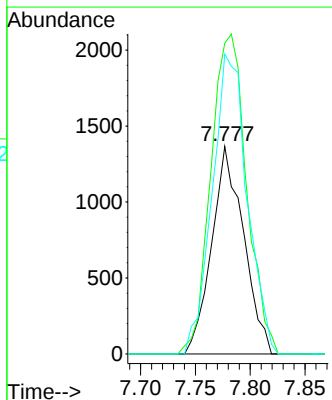
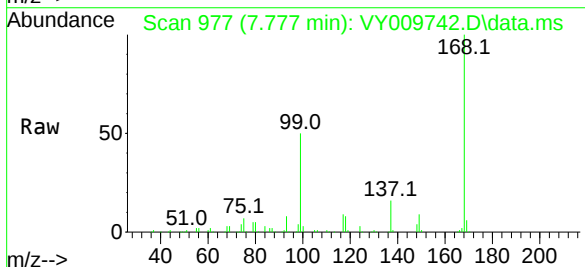
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

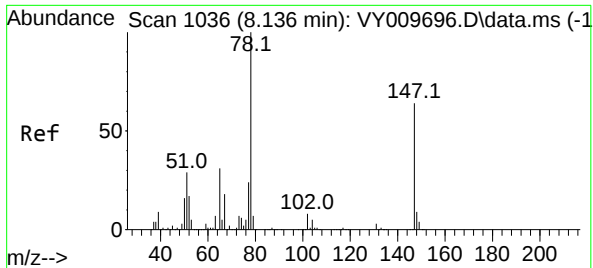
Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 56 Resp: 2762
Ion Ratio Lower Upper
56 100
69 149.7 26.7 40.1#
84 144.4 67.2 100.8#

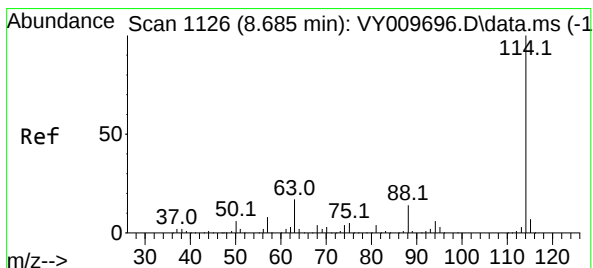
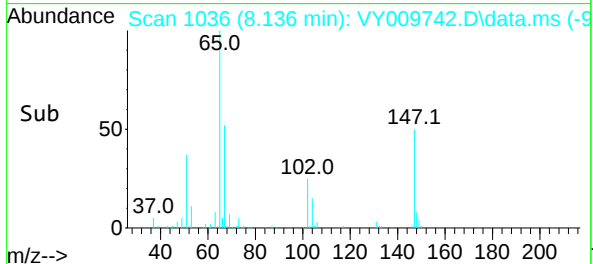
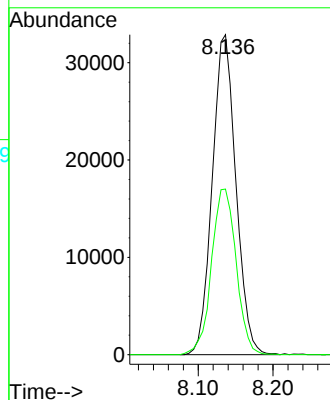
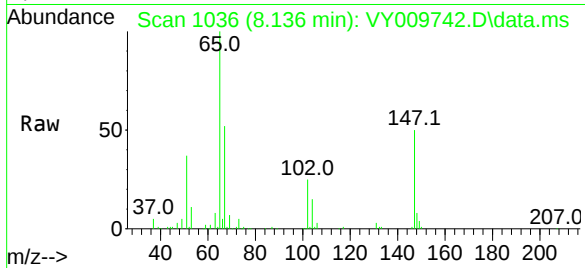




#33
 1,2-Dichloroethane-d4
 Concen: 67.447 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009742.D
 Acq: 28 Jul 2022 11:43

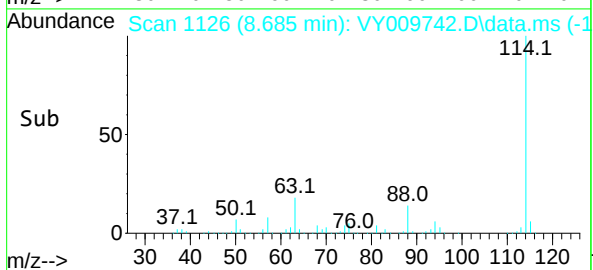
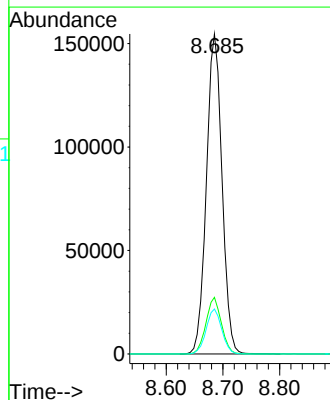
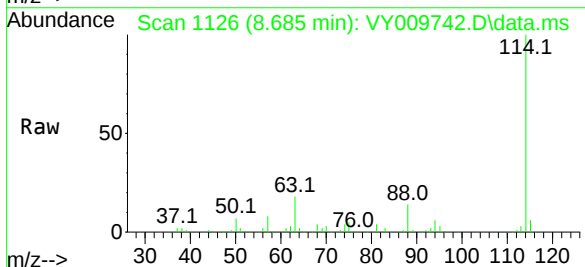
Instrument :
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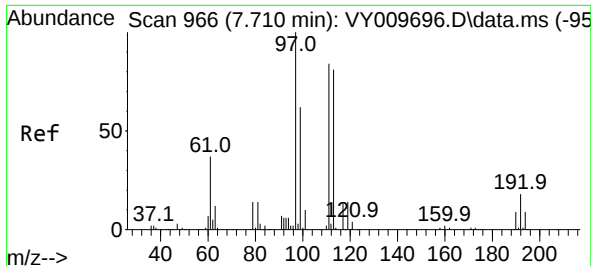
Tgt Ion: 65 Resp: 72207
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009742.D
 Acq: 28 Jul 2022 11:43

Tgt Ion: 114 Resp: 295394
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 43.2
 88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.382 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY009742.D

Acq: 28 Jul 2022 11:43

Instrument :

MSVOA_Y

ClientSampleId :

RVE-72

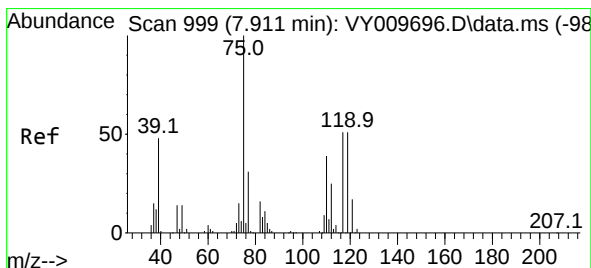
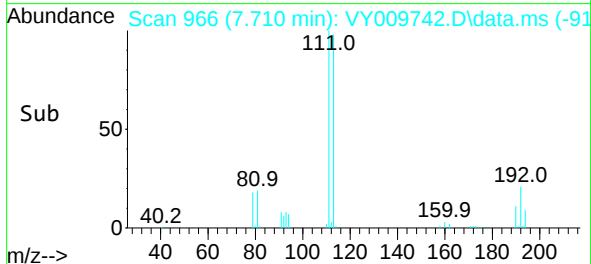
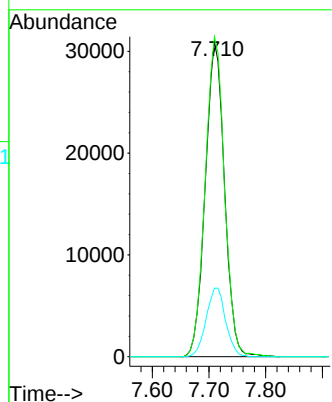
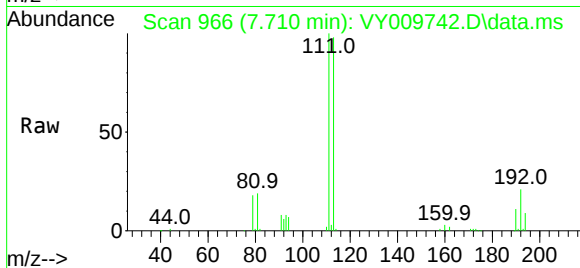
Tgt Ion:113 Resp: 72910

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 22.0 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.128 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY009742.D

Acq: 28 Jul 2022 11:43

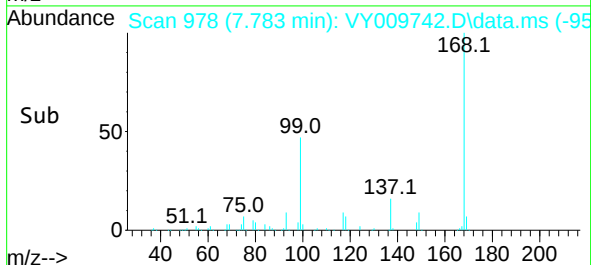
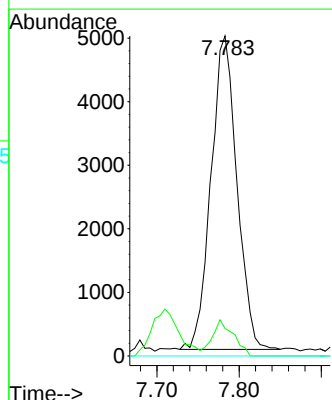
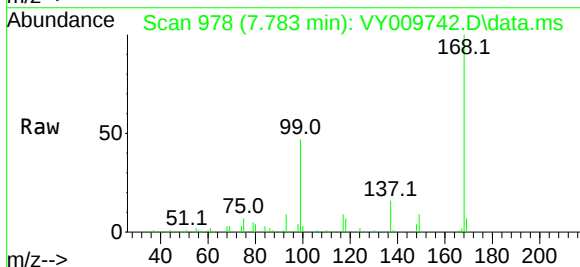
Tgt Ion: 75 Resp: 10792

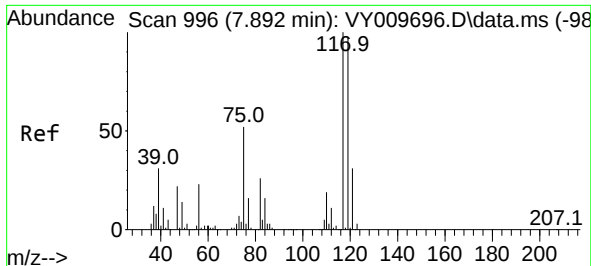
Ion Ratio Lower Upper

75 100

110 9.4 17.1 51.2#

77 0.0 24.4 36.6#

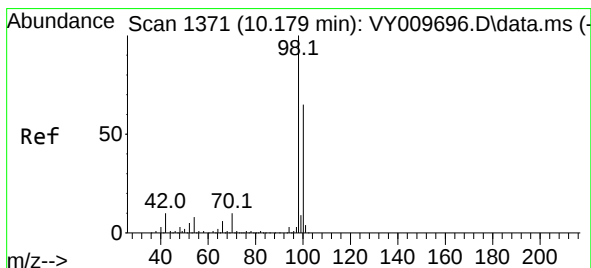
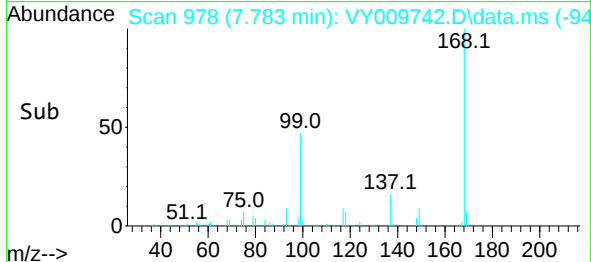
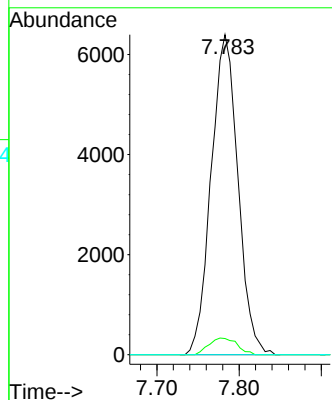
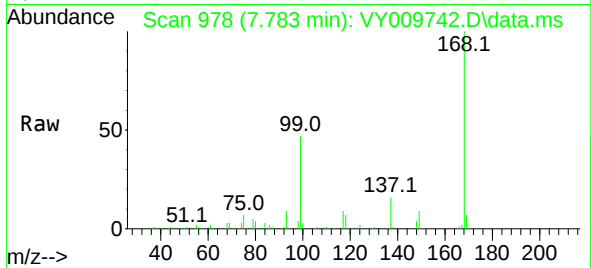




#38
Carbon Tetrachloride
Concen: 5.175 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

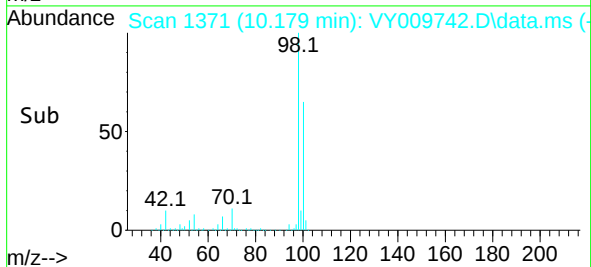
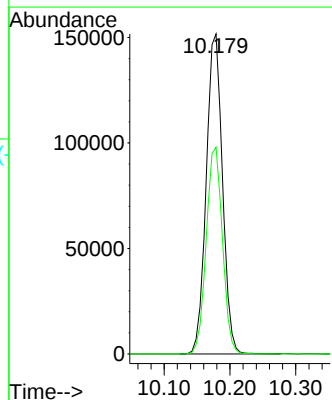
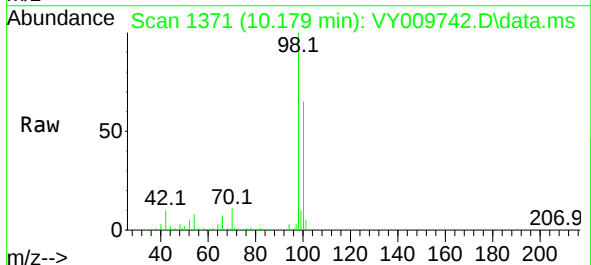
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

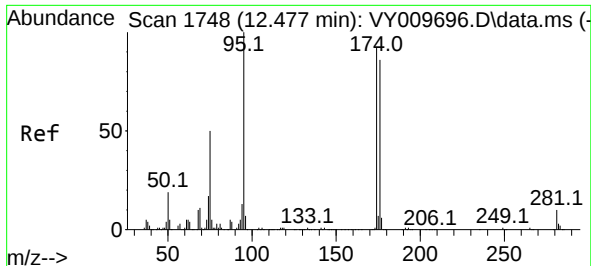
Tgt Ion:117 Resp: 14497
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 56.202 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 98 Resp: 260503
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

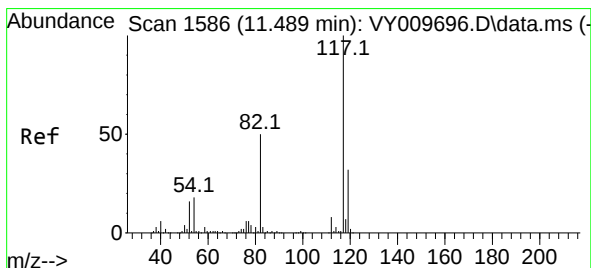
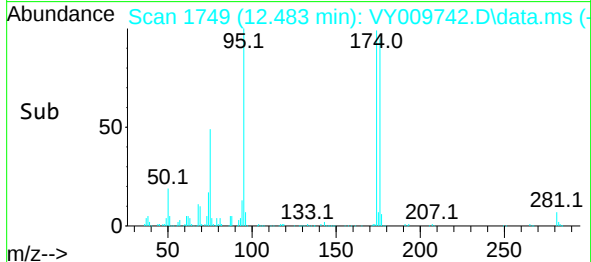
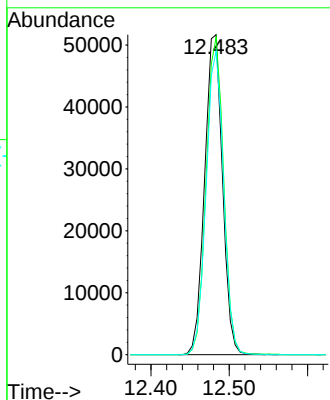
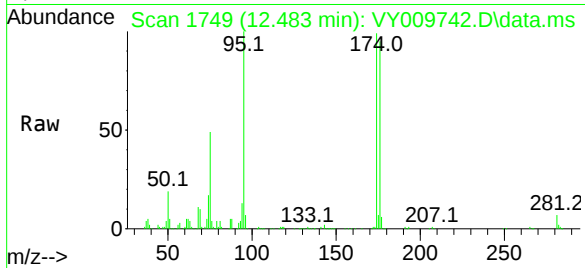




#62
4-Bromofluorobenzene
Concen: 38.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

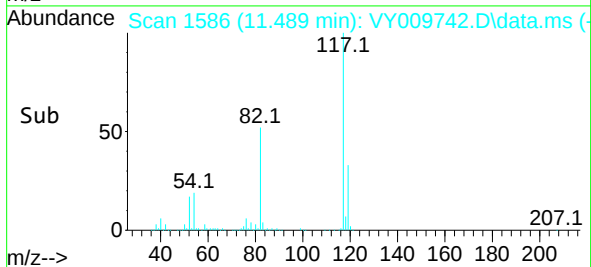
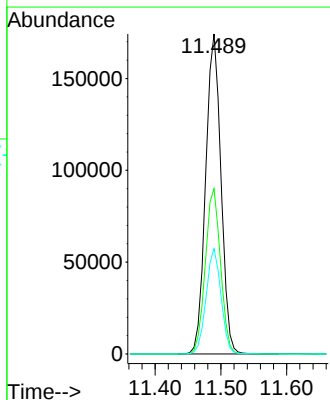
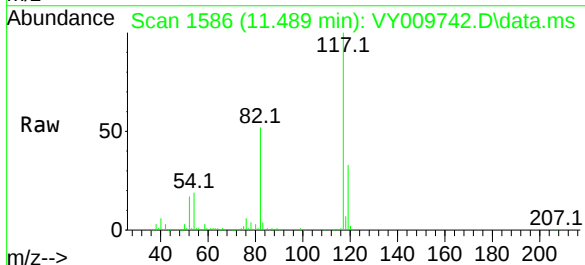
Instrument :
MSVOA_Y
ClientSampleId :
RVE-72

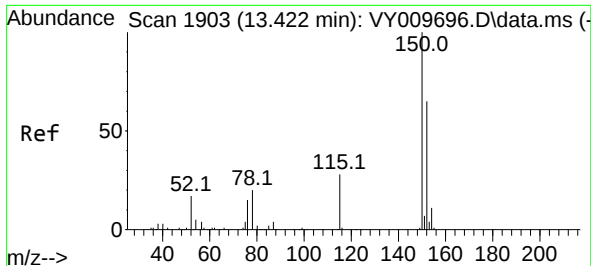
Tgt Ion: 95 Resp: 81488
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009742.D
Acq: 28 Jul 2022 11:43

Tgt Ion: 117 Resp: 281640
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.9 25.4 38.0

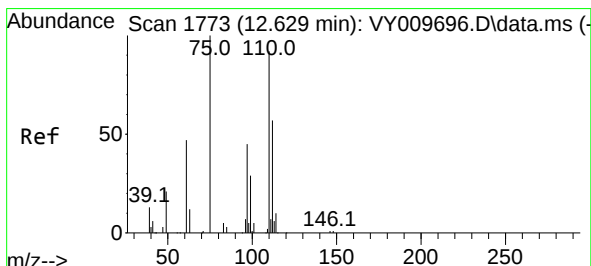
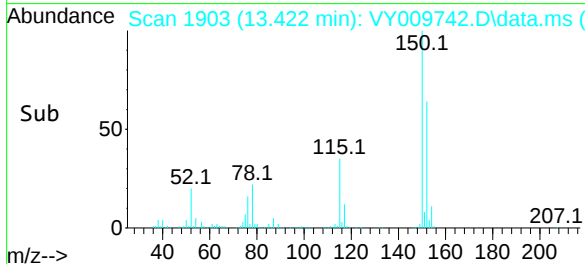
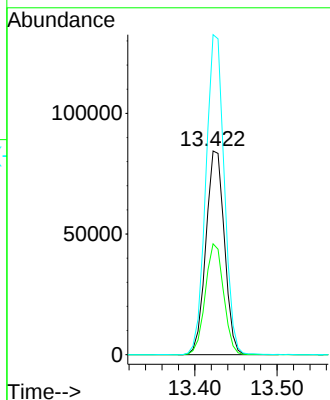
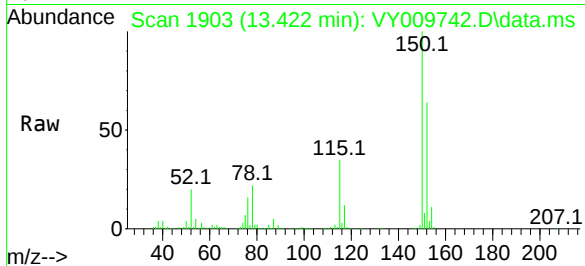




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009742.D
 Acq: 28 Jul 2022 11:43

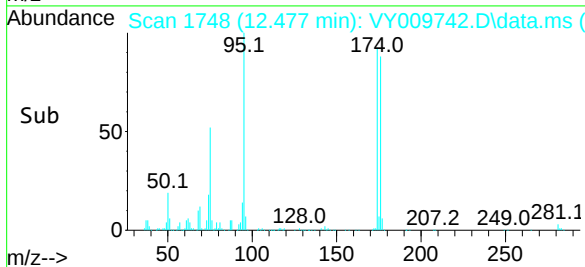
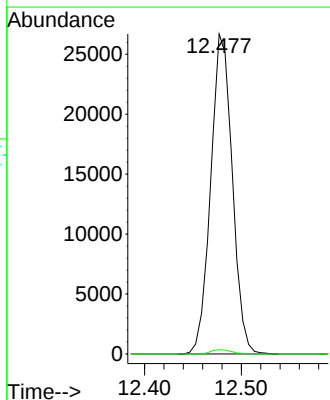
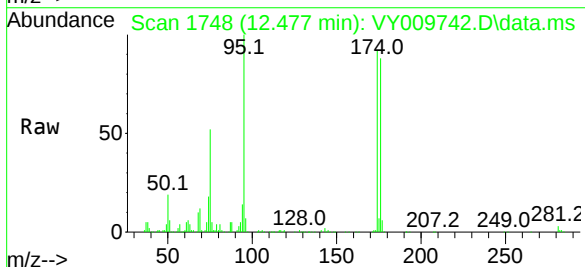
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-72

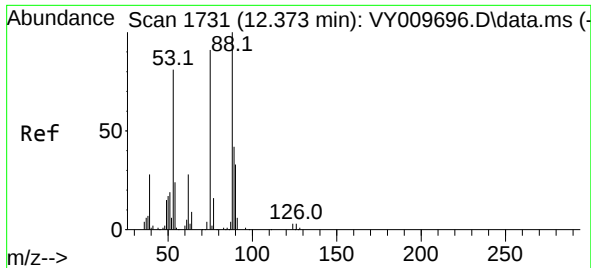
Tgt Ion:152 Resp: 132200
 Ion Ratio Lower Upper
 152 100
 115 53.9 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 33.648 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009742.D
 Acq: 28 Jul 2022 11:43

Tgt Ion: 75 Resp: 41318
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.070 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009742.D
 Acq: 28 Jul 2022 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-72

Tgt Ion: 75 Resp: 41318
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

