

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009757.D
 Acq On : 28 Jul 2022 17:35
 Operator : KP/MD
 Sample : N3895-18
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-56

Quant Time: Jul 29 02:57:43 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)

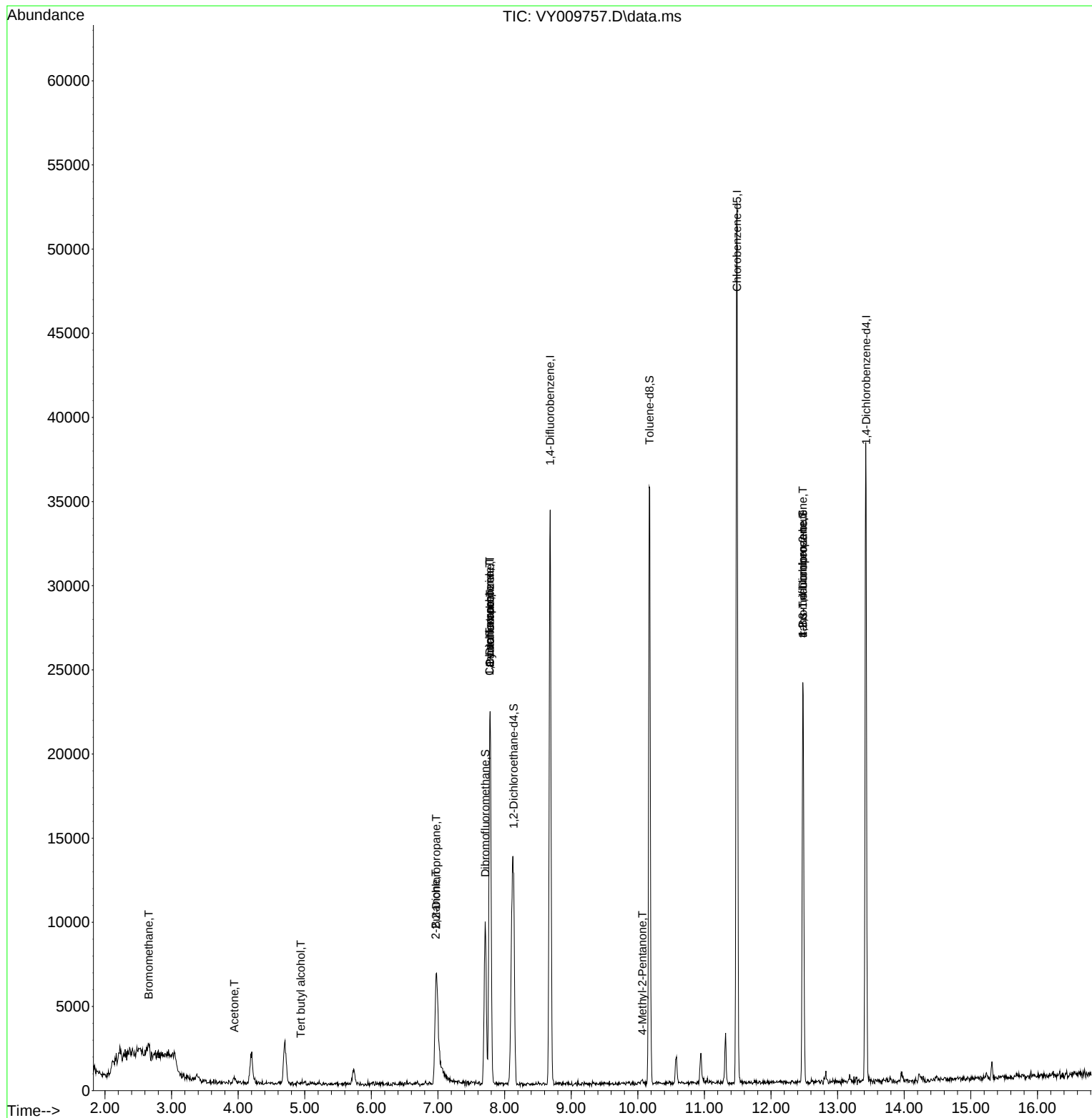
Internal Standards						
1) Pentafluorobenzene	7.783	168	19128	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	29925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7389	58.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.920%	
35) Dibromofluoromethane	7.710	113	6901	42.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.800%	
50) Toluene-d8	10.179	98	24757	52.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	12.477	95	6503	30.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 60.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	174	1.079	ug/l	# 45
11) Tert butyl alcohol	4.942	59	113	5.207	ug/l	# 77
16) Acetone	3.942	43	666	14.562	ug/l	# 84
18) Methyl Acetate	4.247	43	59	Below Cal	#	56
20) Methylene Chloride	4.698	84	1793	Below Cal	#	89
25) 2-Butanone	6.966	43	256	3.794	ug/l	# 54
26) 2,2-Dichloropropane	6.972	77	615	2.040	ug/l	# 55
31) Cyclohexane	7.783	56	312	1.025	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	1349	5.094	ug/l	# 42
38) Carbon Tetrachloride	7.777	117	1763	6.213	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.069	43	289	2.072	ug/l	# 40
76) 1,2,3-Trichloropropane	12.477	75	3367	34.317	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	3367	68.404	ug/l	# 7

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

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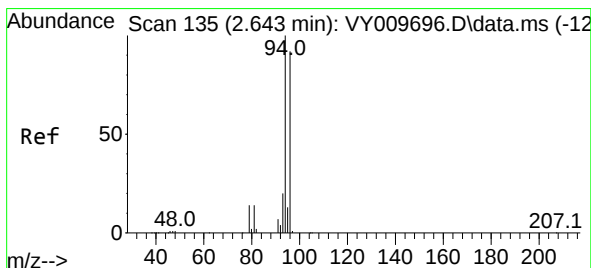
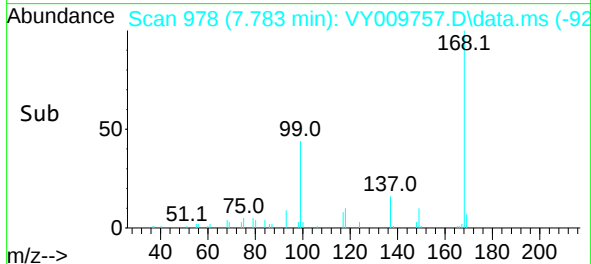
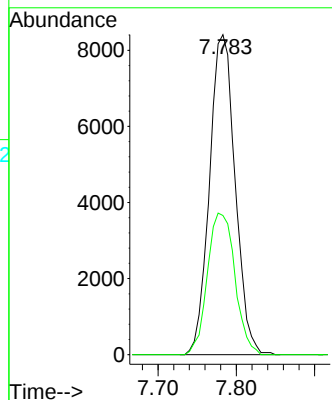
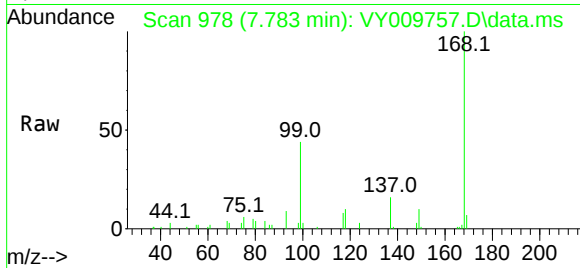




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

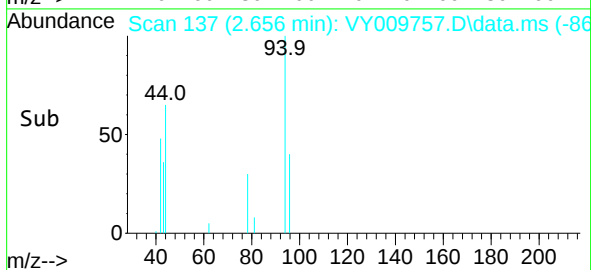
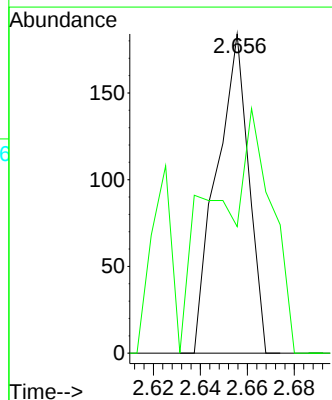
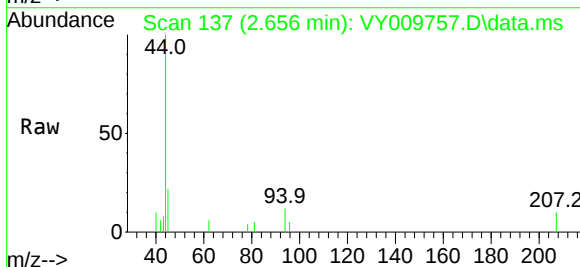
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

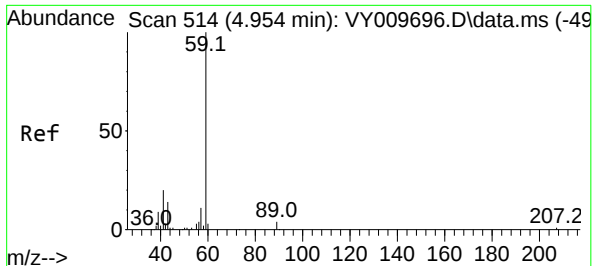
Tgt Ion:168 Resp: 19128
Ion Ratio Lower Upper
168 100
99 43.5 46.9 70.3#



#5
Bromomethane
Concen: 1.079 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.013 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 39.7 73.5 110.3#

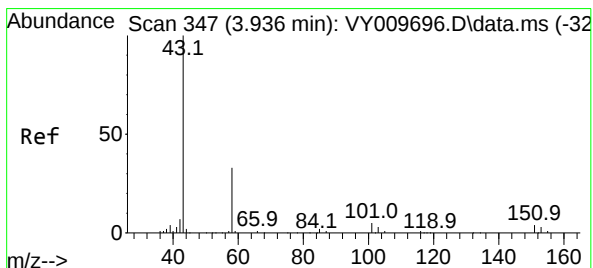
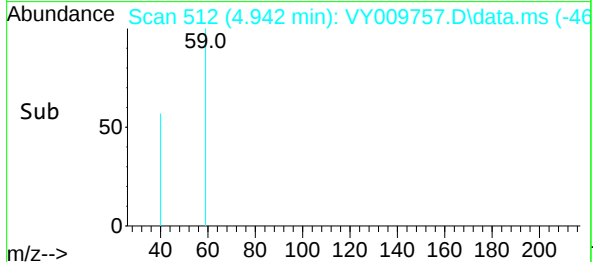
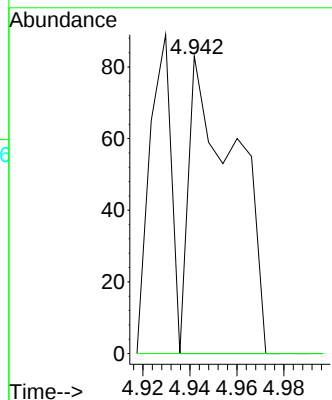
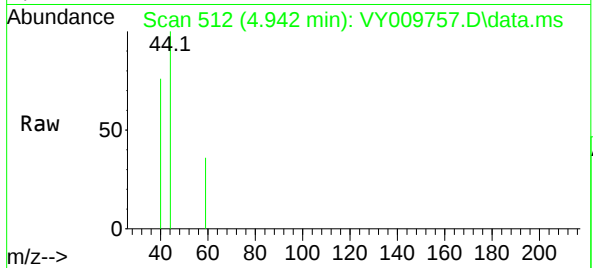




#11
Tert butyl alcohol
Concen: 5.207 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

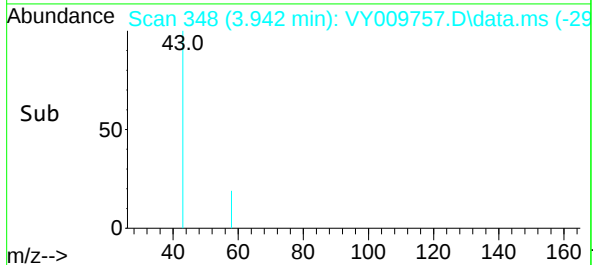
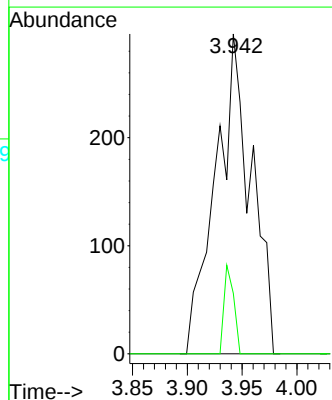
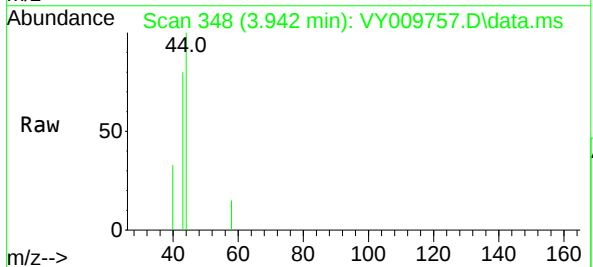
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

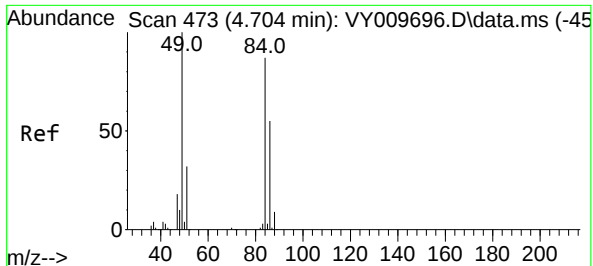
Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 14.562 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
58 18.9 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY009757.D

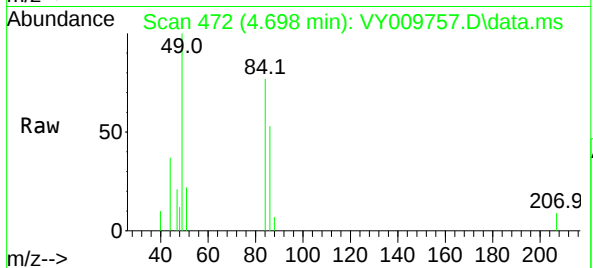
Acq: 28 Jul 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

RVE-56



Tgt Ion: 84 Resp: 1793

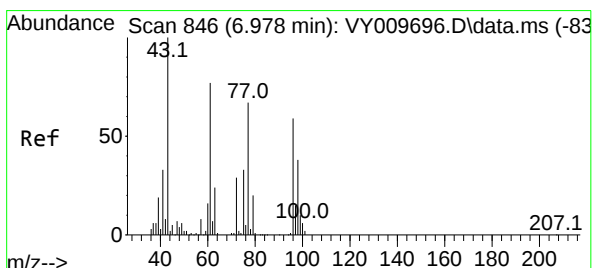
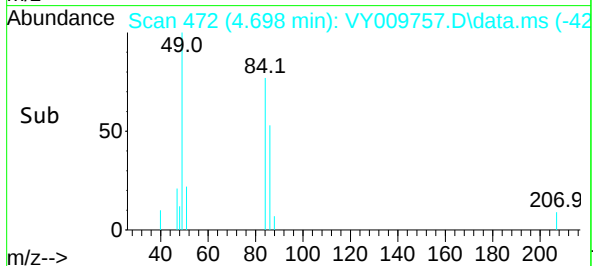
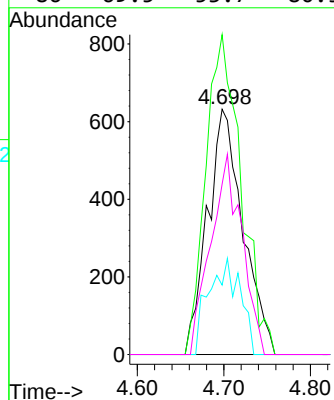
Ion Ratio Lower Upper

84 100

49 130.4 114.4 171.6

51 28.3 35.3 52.9#

86 69.5 53.7 80.5



#25

2-Butanone

Concen: 3.794 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY009757.D

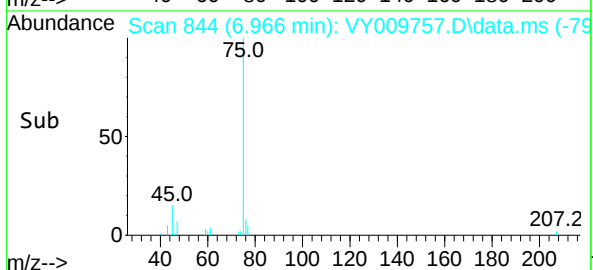
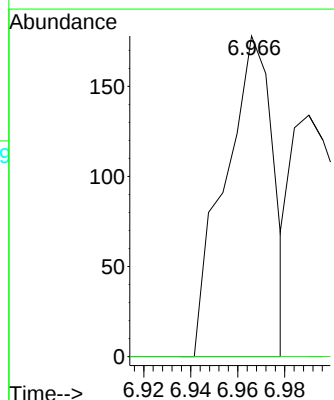
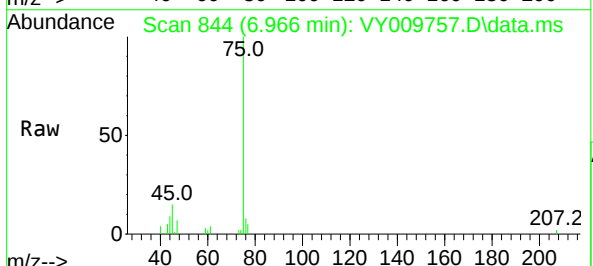
Acq: 28 Jul 2022 17:35

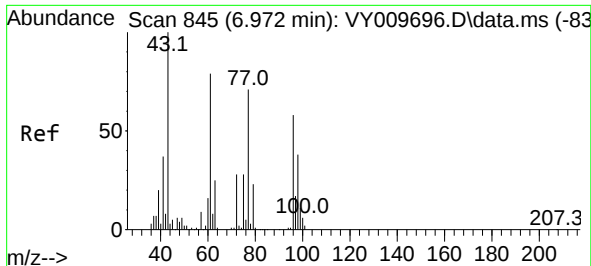
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

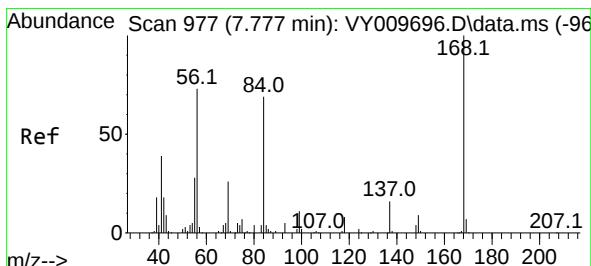
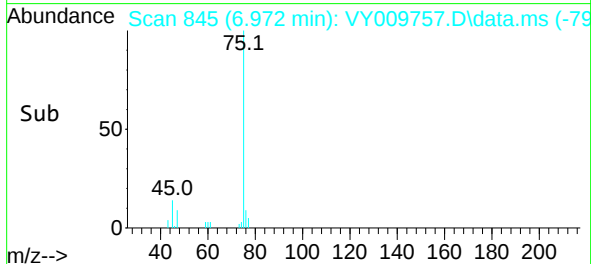
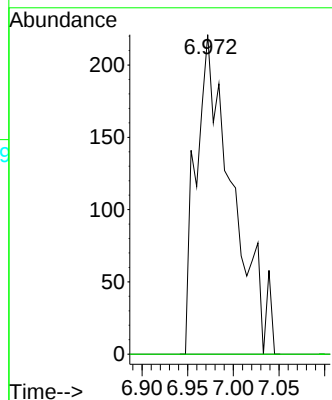
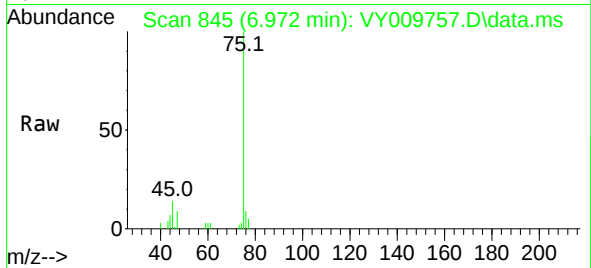




#26
2,2-Dichloropropane
Concen: 2.040 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

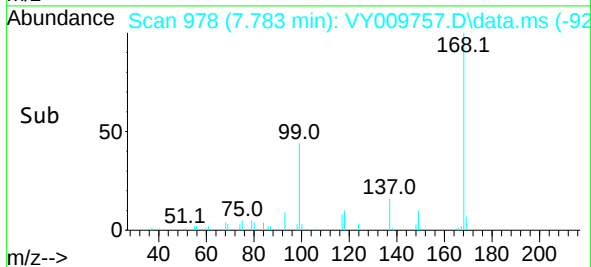
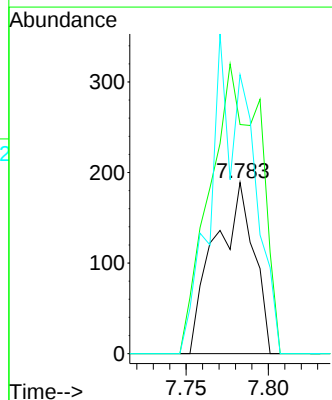
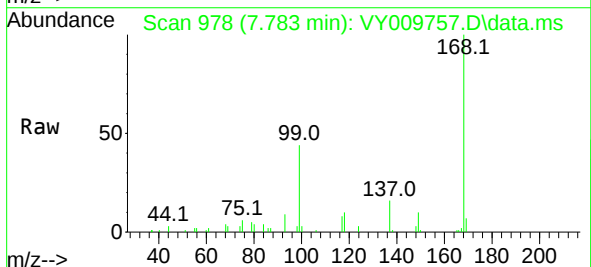
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

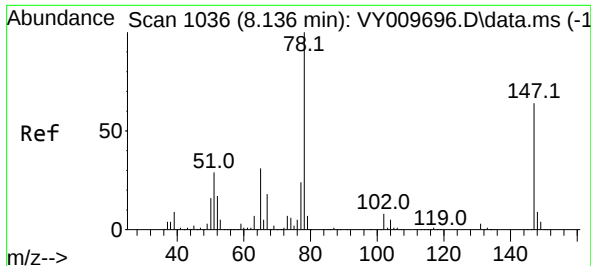
Tgt Ion: 77 Resp: 615
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 56 Resp: 312
Ion Ratio Lower Upper
56 100
69 133.9 26.7 40.1#
84 163.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.962 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009757.D

Acq: 28 Jul 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

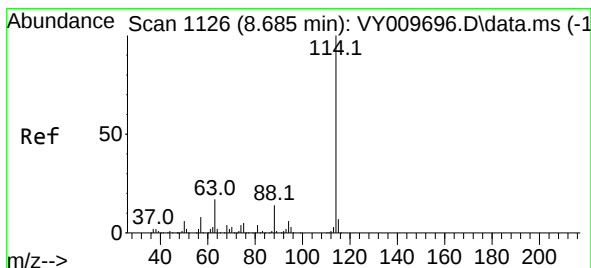
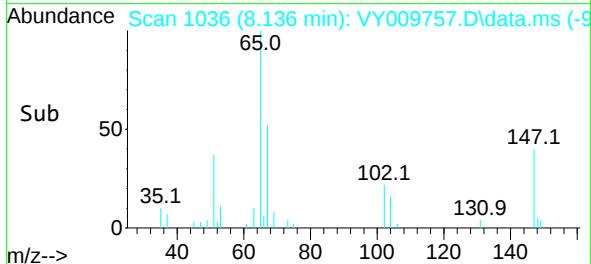
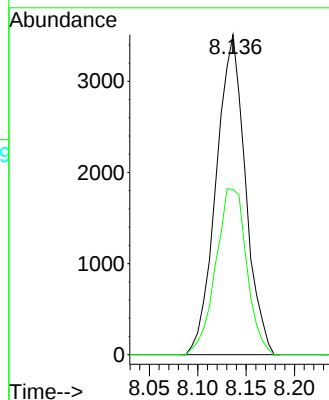
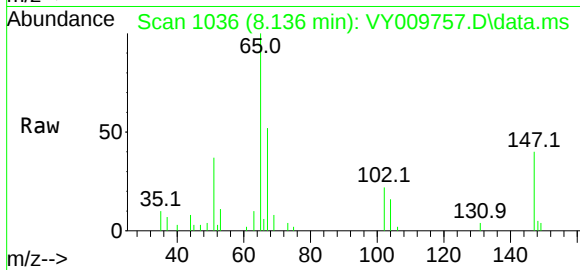
RVE-56

Tgt Ion: 65 Resp: 7389

Ion Ratio Lower Upper

65 100

67 54.8 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: VY009757.D

Acq: 28 Jul 2022 17:35

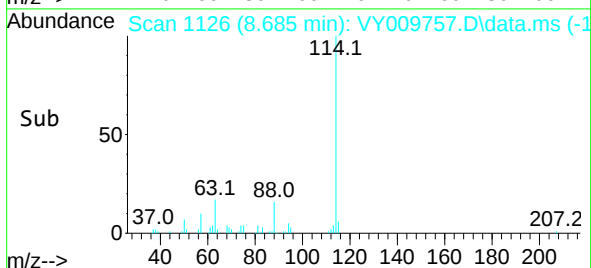
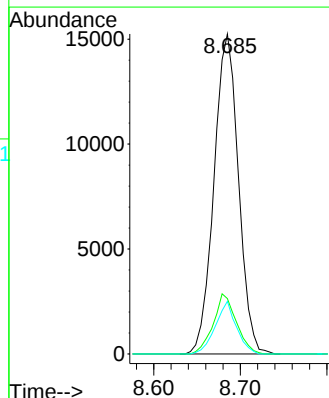
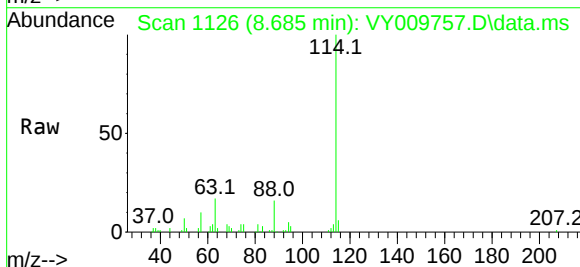
Tgt Ion:114 Resp: 29925

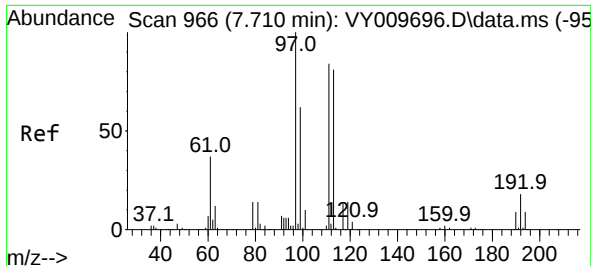
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 16.4 0.0 31.8

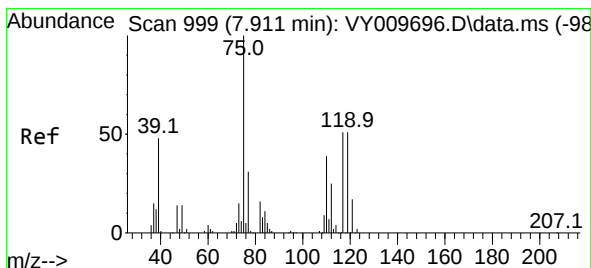
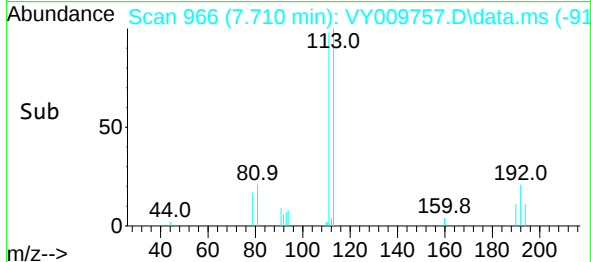
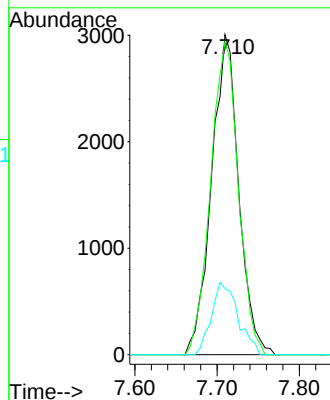
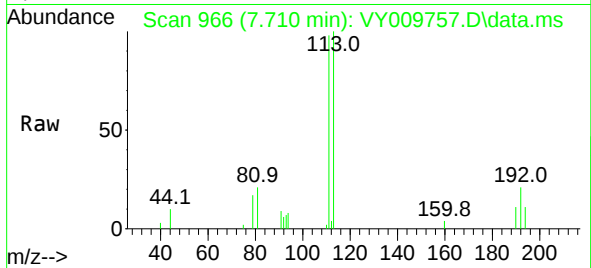




#35
Dibromofluoromethane
Concen: 42.401 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

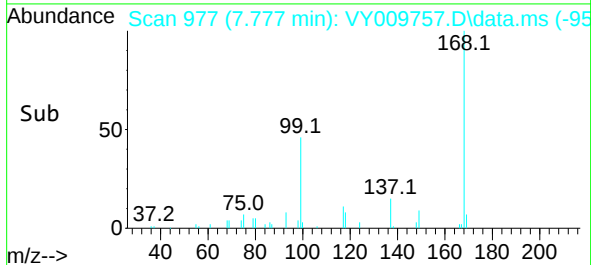
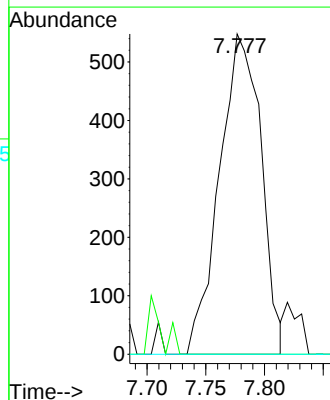
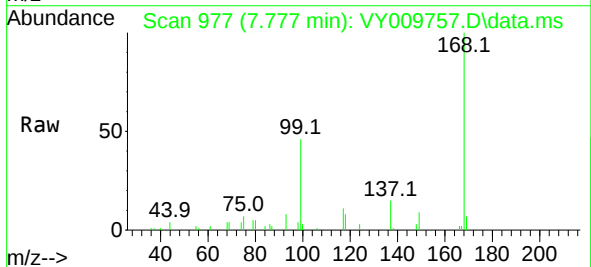
Instrument :
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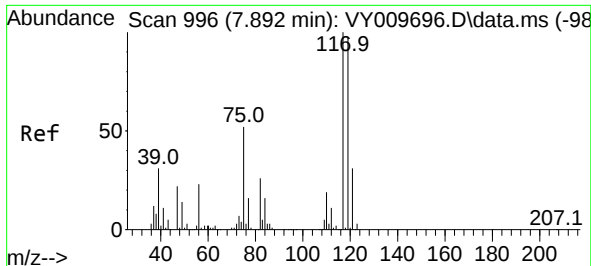
Tgt Ion:113 Resp: 6901
Ion Ratio Lower Upper
113 100
111 99.9 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.094 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 75 Resp: 1349
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

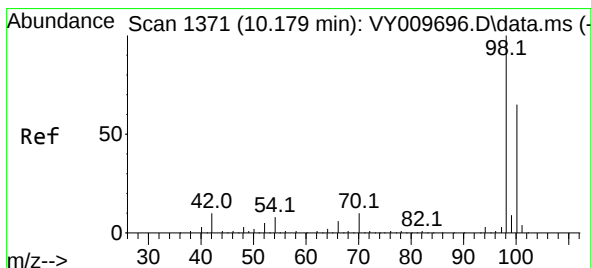
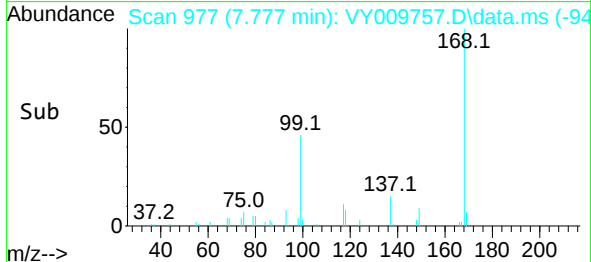
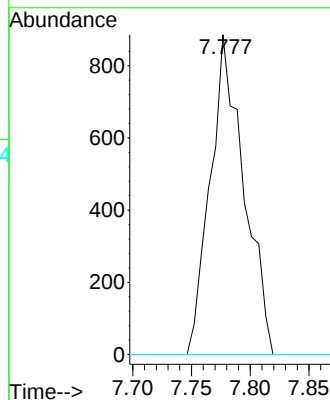
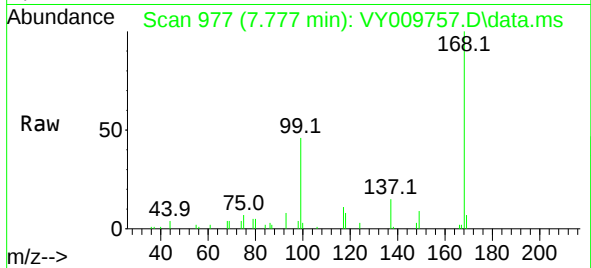




#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

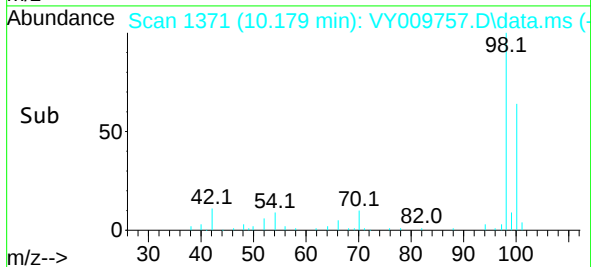
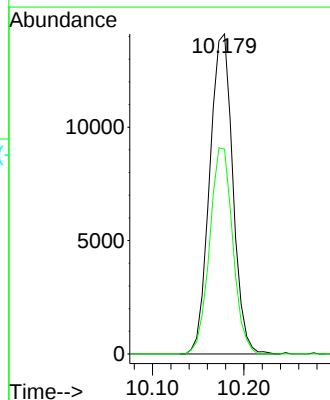
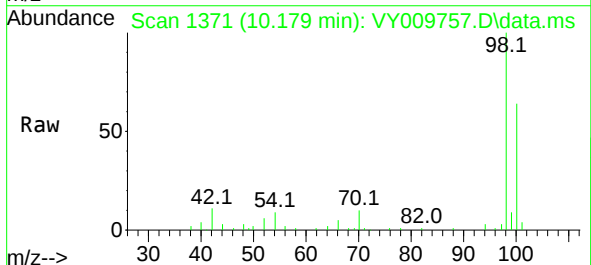
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

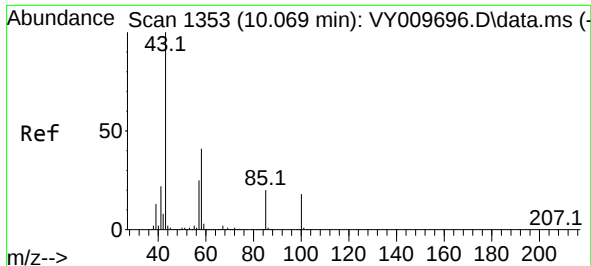
Tgt Ion:117 Resp: 1763
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.437 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 98 Resp: 24757
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

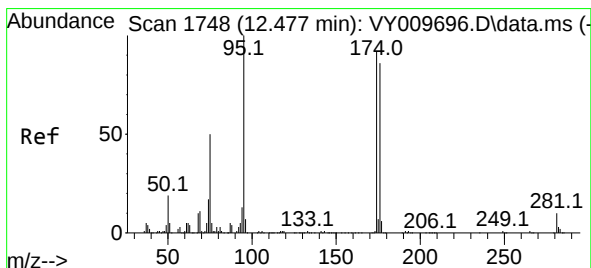
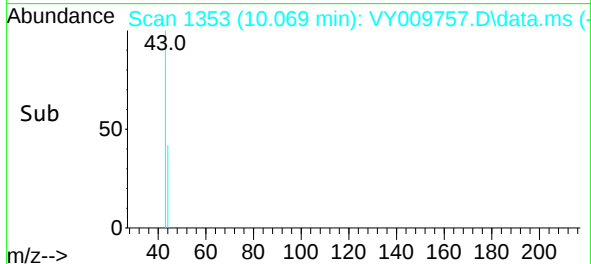
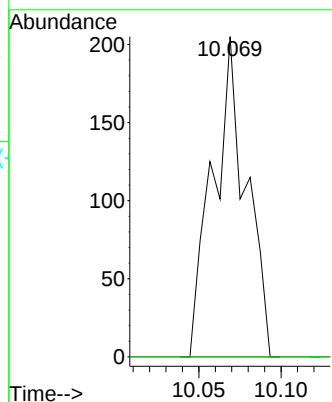
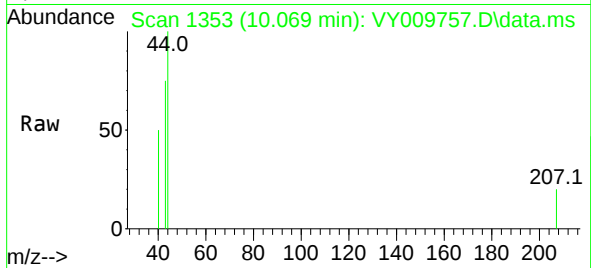




#51
4-Methyl-2-Pentanone
Concen: 2.072 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

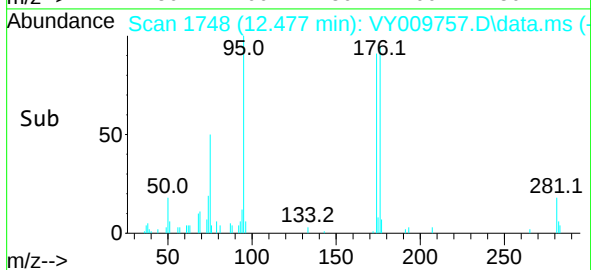
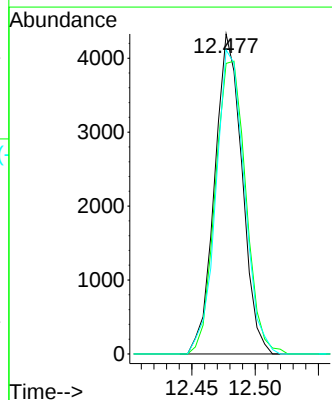
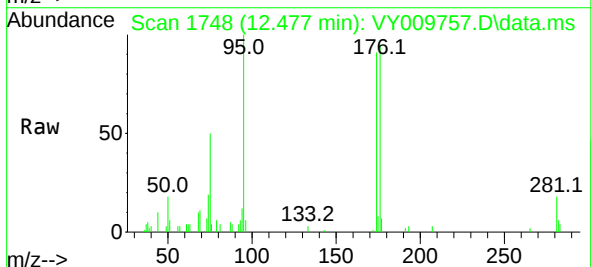
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

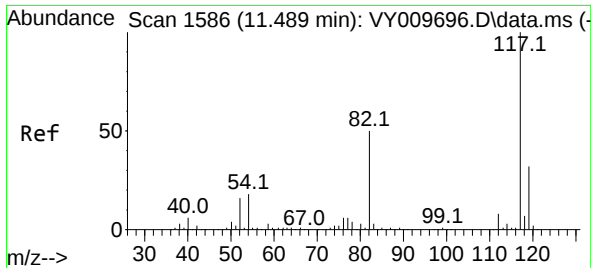
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 30.133 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 95 Resp: 6503
Ion Ratio Lower Upper
95 100
174 101.8 0.0 177.0
176 98.9 0.0 175.8

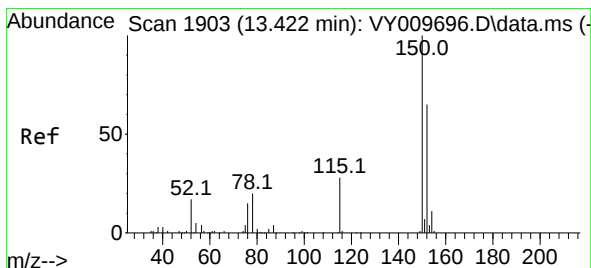
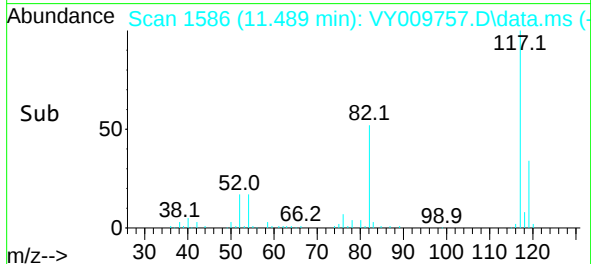
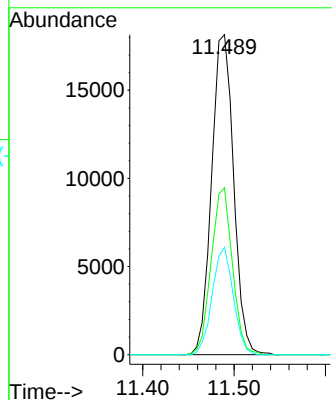
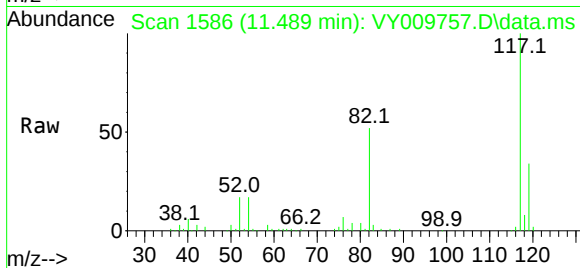




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

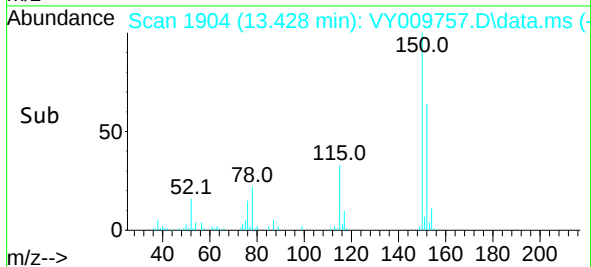
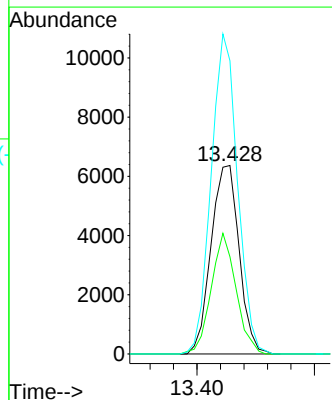
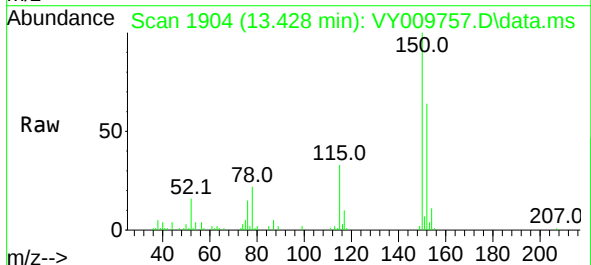
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

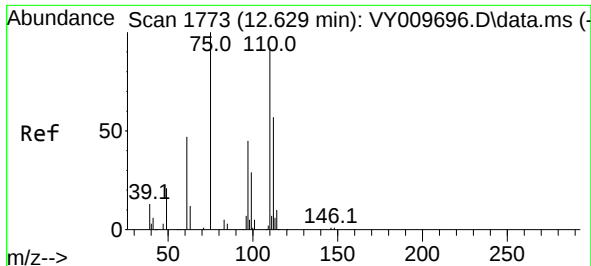
Tgt Ion:117 Resp: 30380
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion:152 Resp: 10563
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 159.5 0.0 347.6

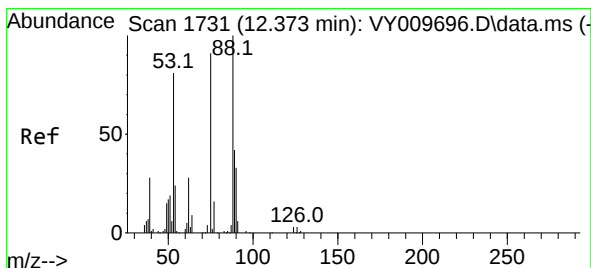
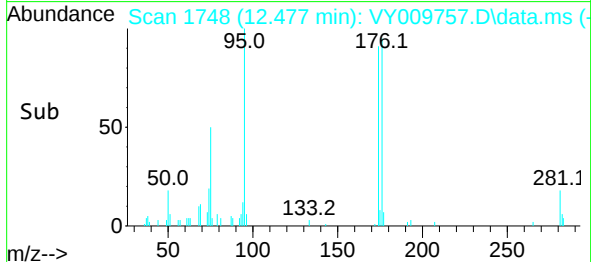
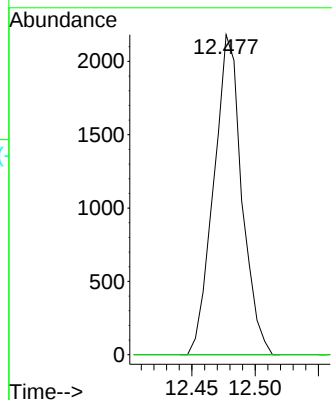
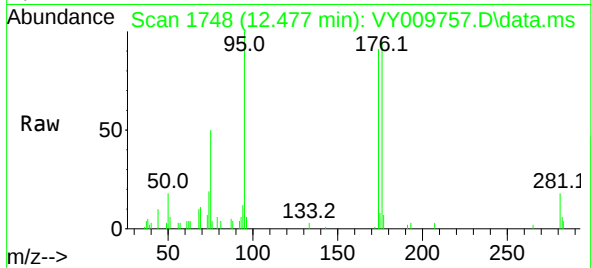




#76
1,2,3-Trichloropropane
Concen: 34.317 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

Tgt Ion: 75 Resp: 3367
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 68.404 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009757.D
Acq: 28 Jul 2022 17:35

Tgt Ion: 75 Resp: 3367
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

