

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009832.D
 Acq On : 04 Aug 2022 15:11
 Operator : KP/MD
 Sample : N3961-01
 Misc : 2.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-168

Quant Time: Aug 05 01:43:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

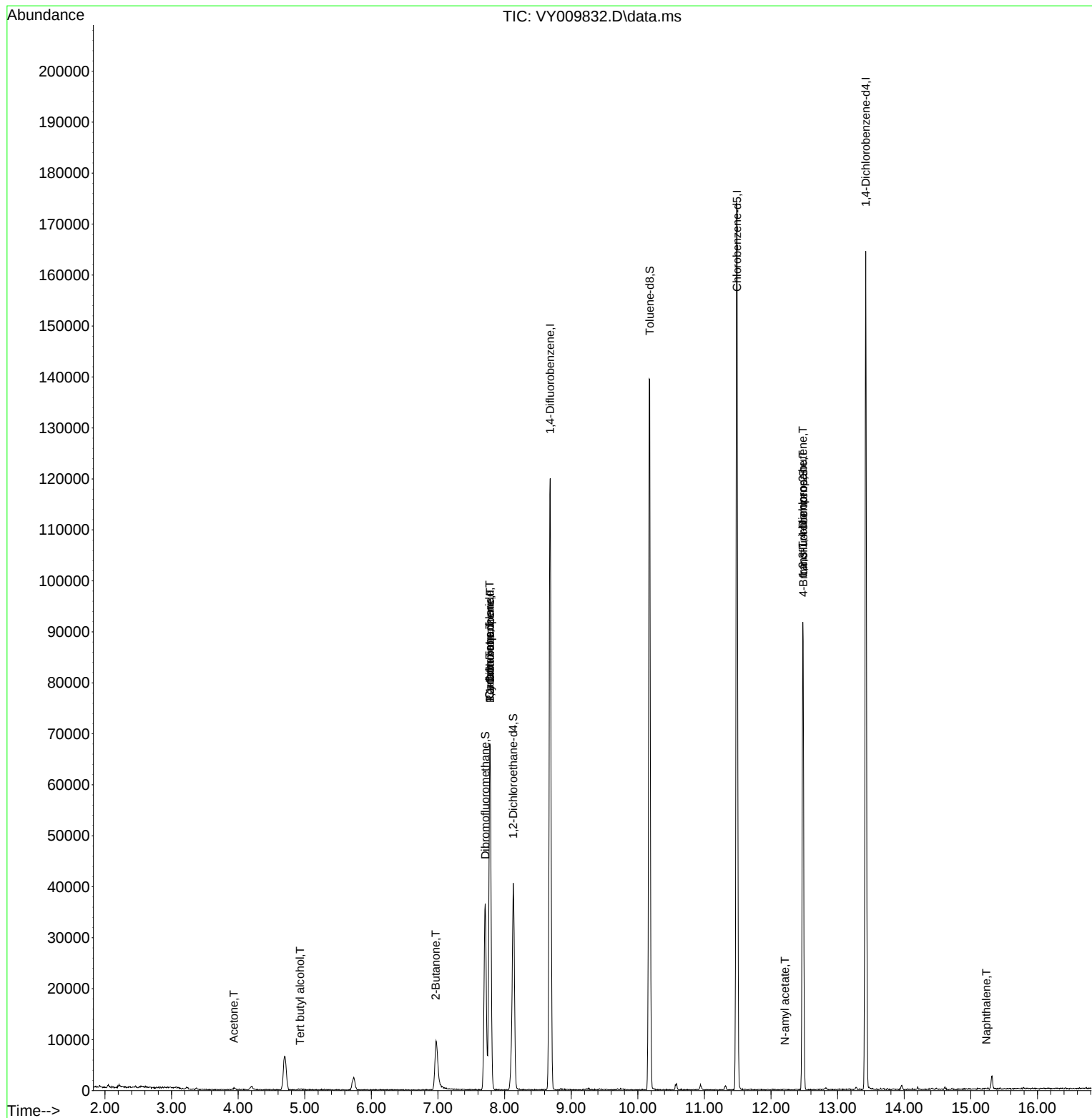
Internal Standards						
1) Pentafluorobenzene	7.783	168	52297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	100490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	94348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27238	65.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.400%
35) Dibromofluoromethane	7.710	113	25454	41.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.080%
50) Toluene-d8	10.179	98	90042	50.067	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.483	95	27103	32.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	116	2.089	ug/l #	78
16) Acetone	3.936	43	507	3.425	ug/l	95
20) Methylene Chloride	4.692	84	4988	Below Cal		94
25) 2-Butanone	6.966	43	604	2.494	ug/l #	53
31) Cyclohexane	7.777	56	1158	1.170	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	4375	4.304	ug/l #	48
38) Carbon Tetrachloride	7.777	117	5193	4.858	ug/l #	16
74) N-amyl acetate	12.209	43	20	3.461	ug/l #	45
76) 1,2,3-Trichloropropane	12.477	75	14305	31.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14305	67.348	ug/l #	12
95) Naphthalene	15.233	128	135	5.496	ug/l #	69

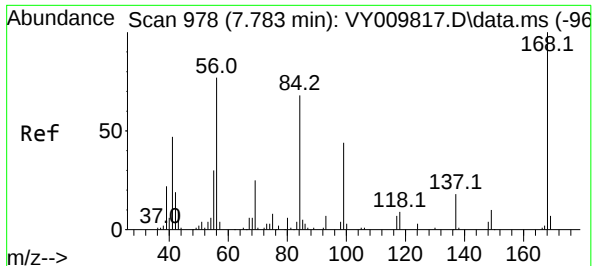
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration

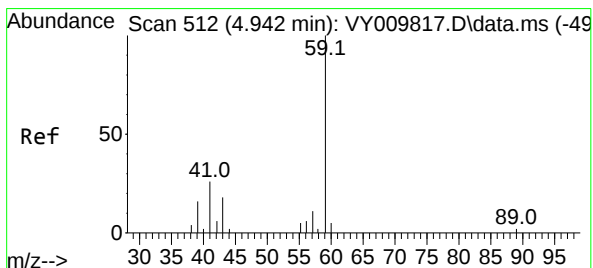
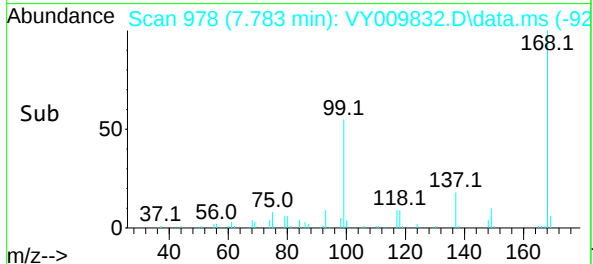
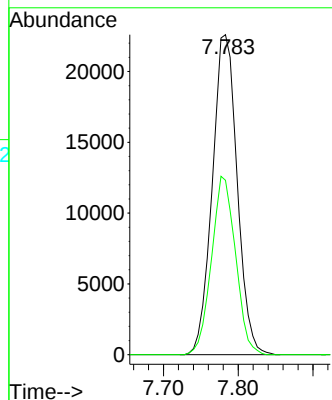
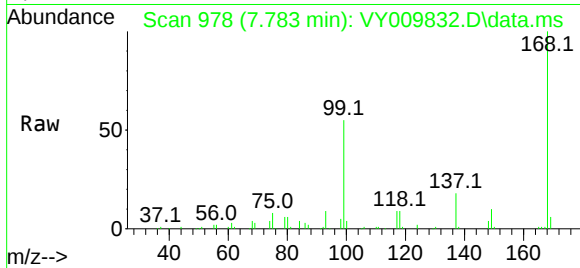




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

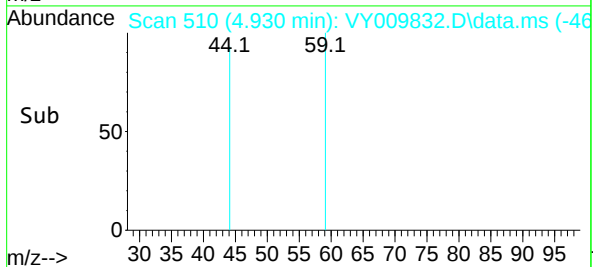
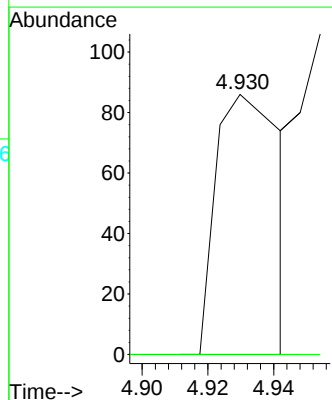
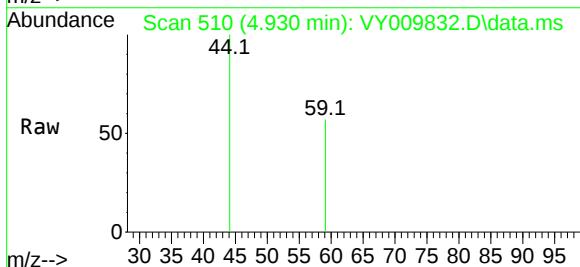
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

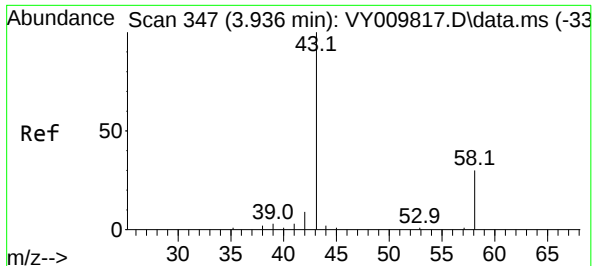
Tgt Ion:168 Resp: 52297
Ion Ratio Lower Upper
168 100
99 54.5 44.7 67.1



#11
Tert butyl alcohol
Concen: 2.089 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#

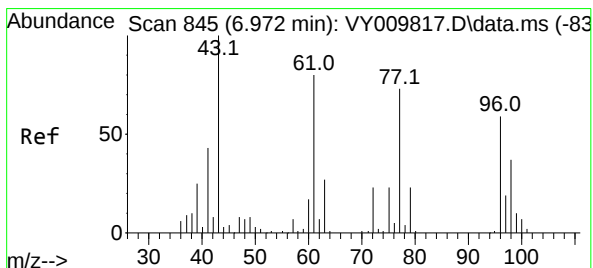
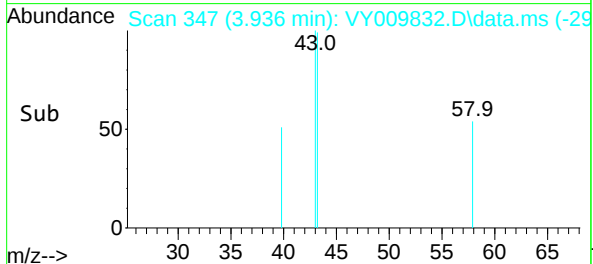
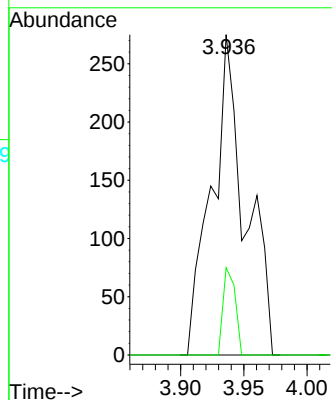
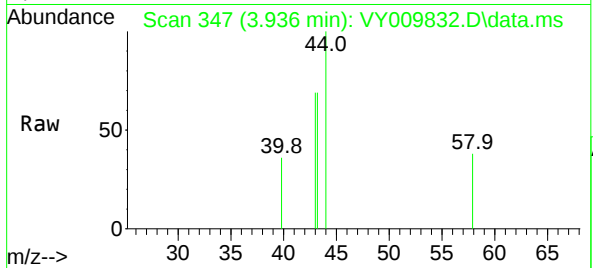




#16
Acetone
Concen: 3.425 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

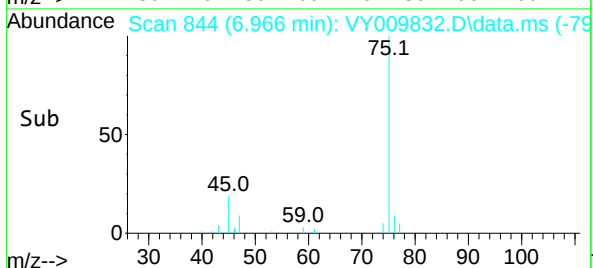
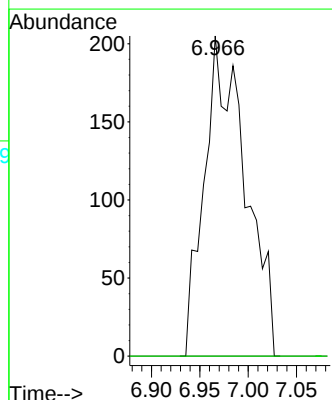
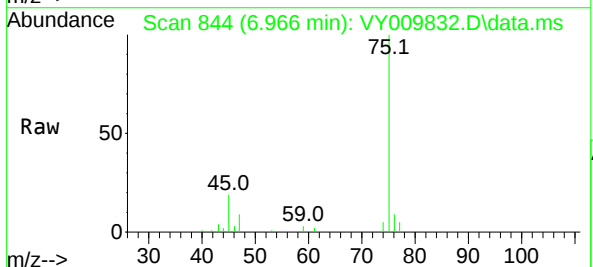
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

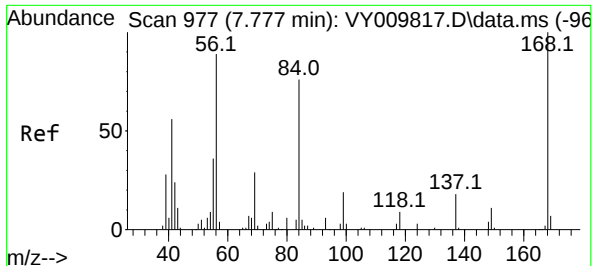
Tgt Ion: 43 Resp: 507
Ion Ratio Lower Upper
43 100
58 27.3 24.1 36.1



#25
2-Butanone
Concen: 2.494 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

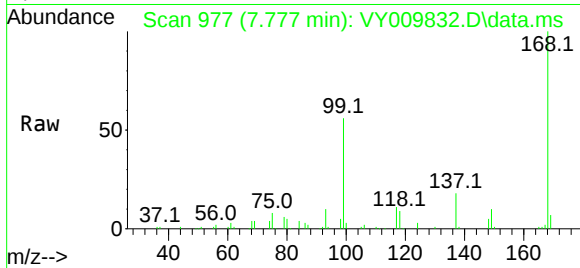
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



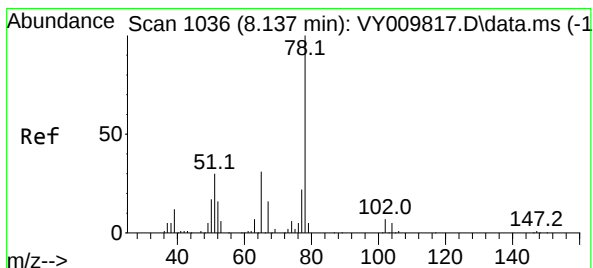
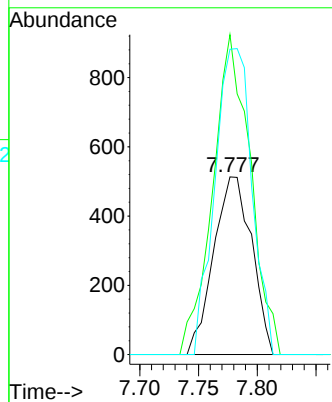
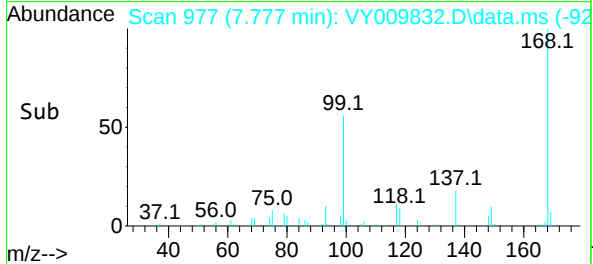


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

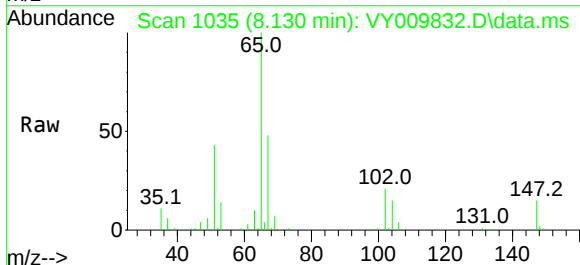
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168



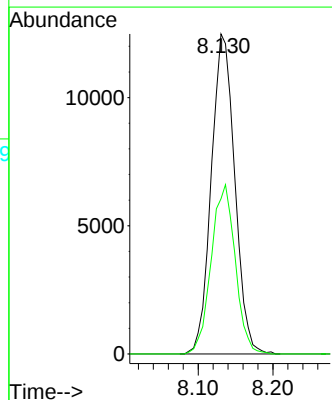
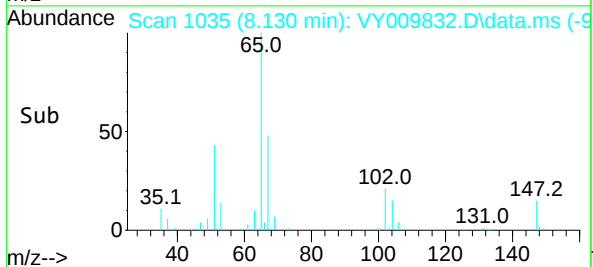
Tgt Ion: 56 Resp: 1158
Ion Ratio Lower Upper
56 100
69 180.1 25.8 38.8#
84 171.9 67.9 101.9#

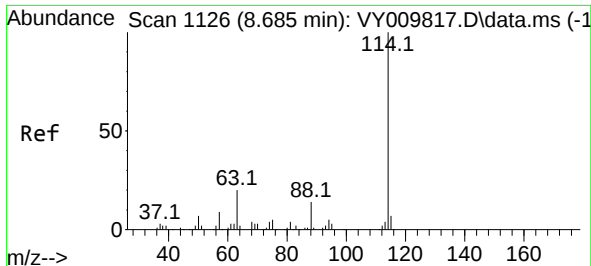


#33
1,2-Dichloroethane-d4
Concen: 65.202 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11



Tgt Ion: 65 Resp: 27238
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009832.D

Acq: 04 Aug 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

RVE-168

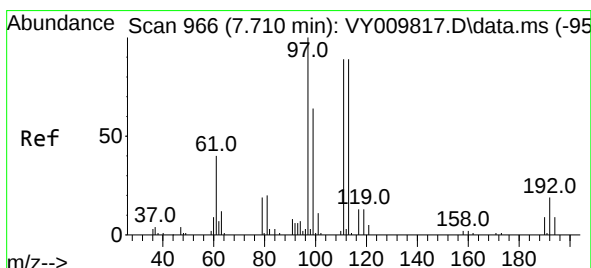
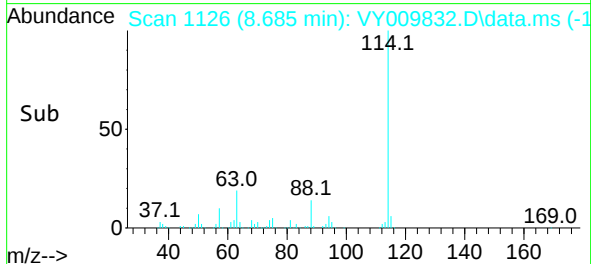
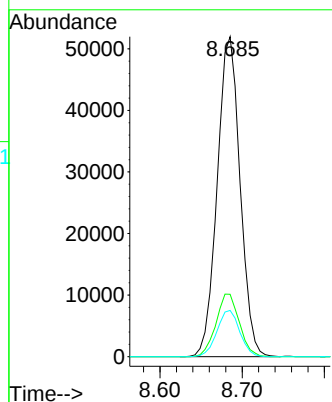
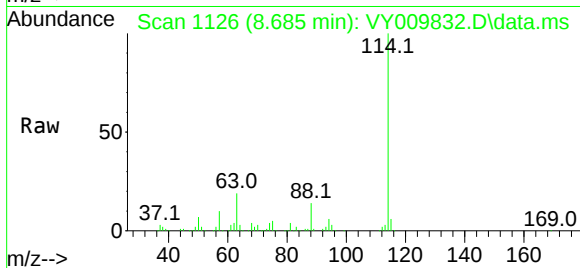
Tgt Ion:114 Resp: 100490

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 14.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 41.544 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009832.D

Acq: 04 Aug 2022 15:11

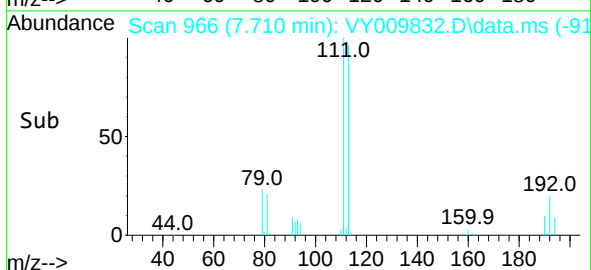
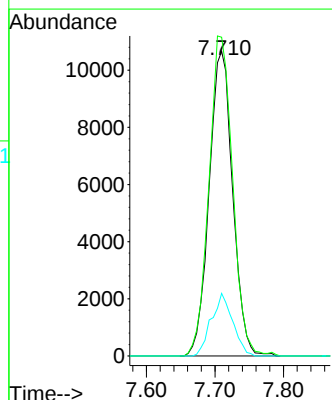
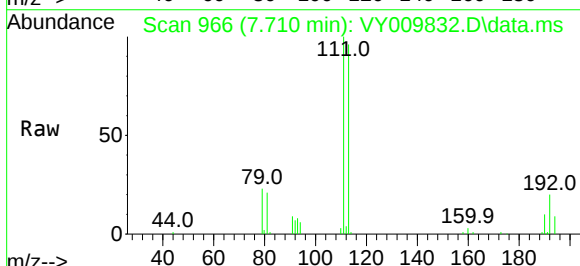
Tgt Ion:113 Resp: 25454

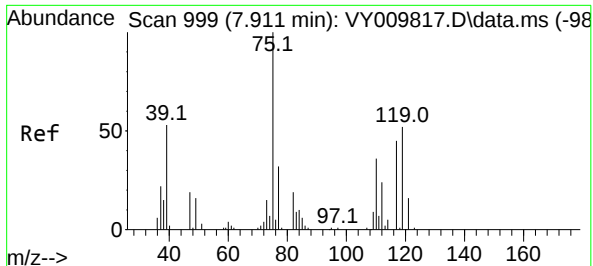
Ion Ratio Lower Upper

113 100

111 105.8 82.4 123.6

192 18.7 16.5 24.7





#36

1,1-Dichloropropene

Concen: 4.304 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009832.D

Acq: 04 Aug 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

RVE-168

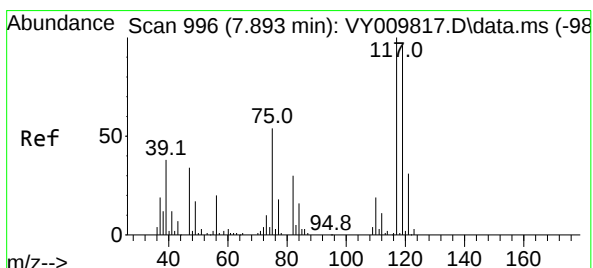
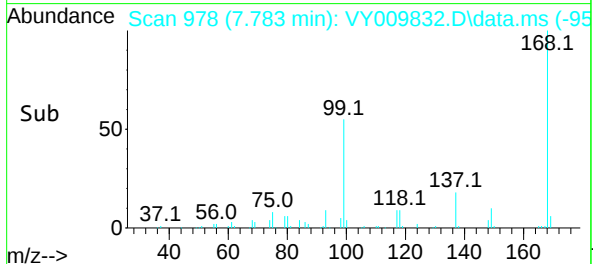
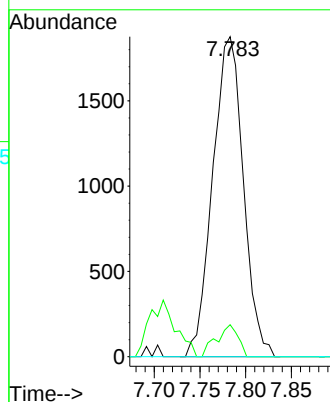
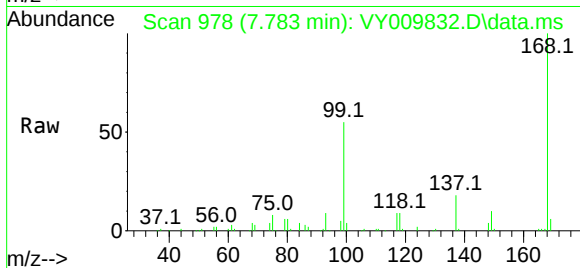
Tgt Ion: 75 Resp: 4375

Ion Ratio Lower Upper

75 100

110 7.1 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.858 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009832.D

Acq: 04 Aug 2022 15:11

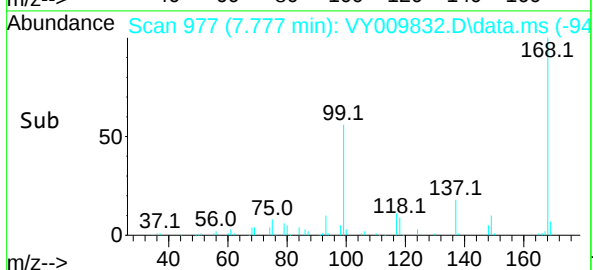
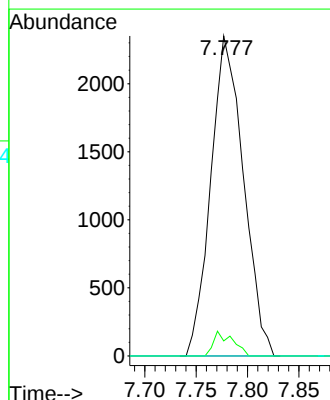
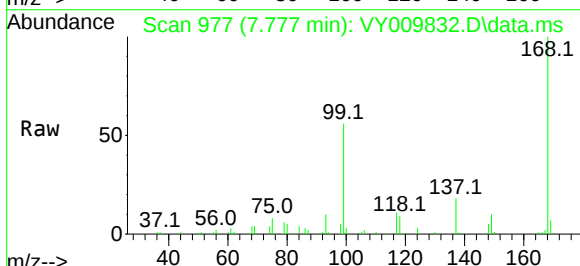
Tgt Ion: 117 Resp: 5193

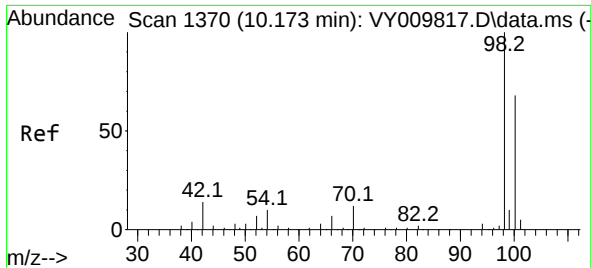
Ion Ratio Lower Upper

117 100

119 4.7 76.8 115.2#

121 0.0 24.9 37.3#

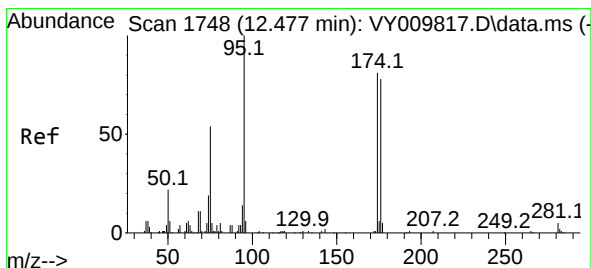
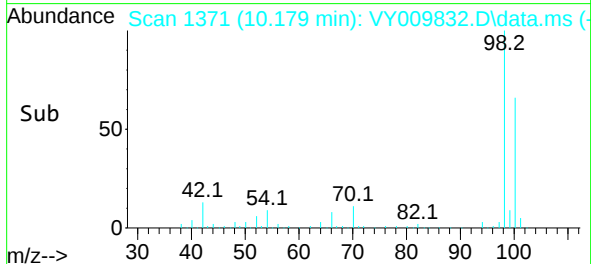
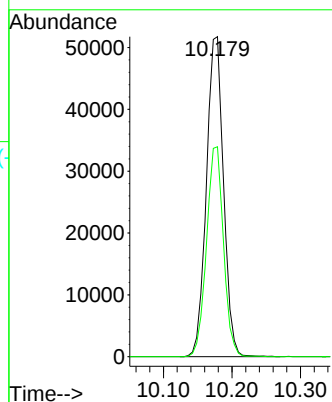
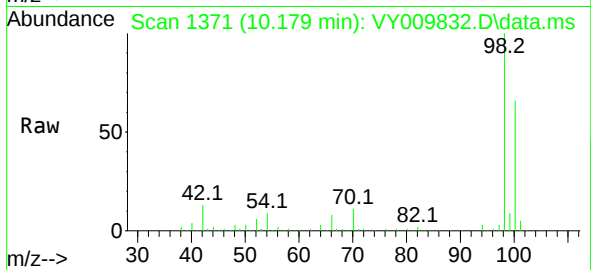




#50
Toluene-d8
Concen: 50.067 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

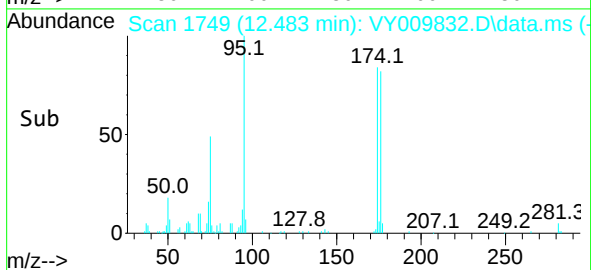
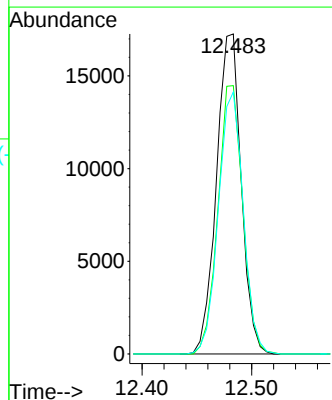
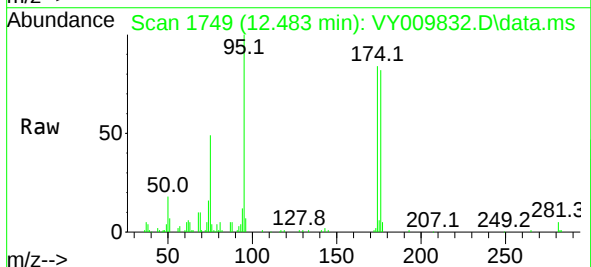
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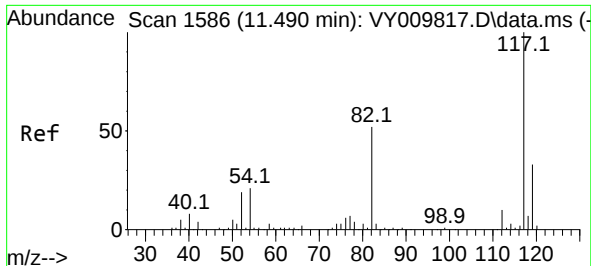
Tgt Ion: 98 Resp: 90042
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 32.667 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion: 95 Resp: 27103
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.6
176 82.0 0.0 163.6

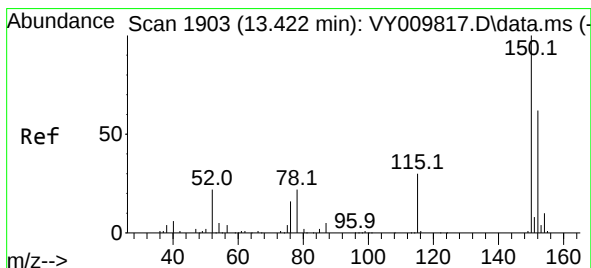
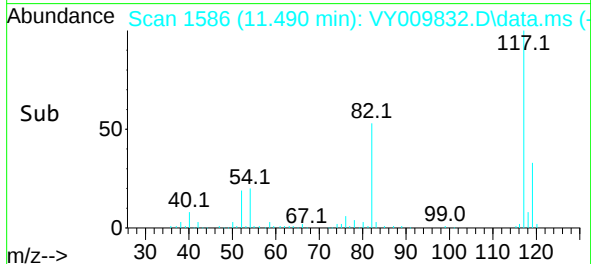
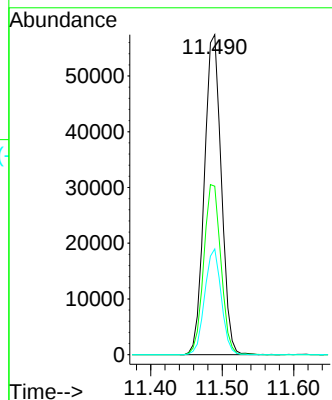
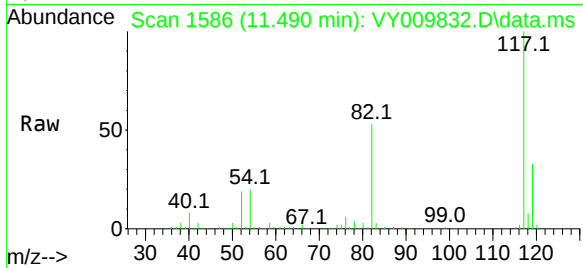




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

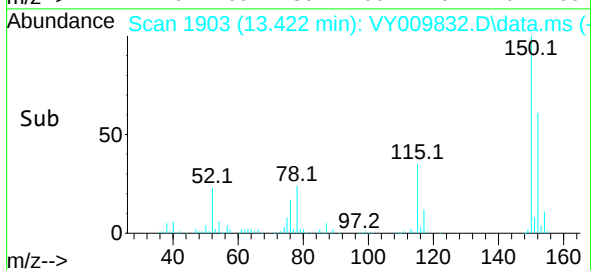
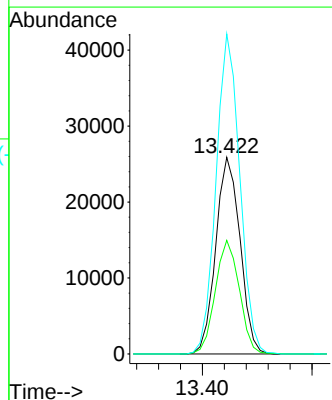
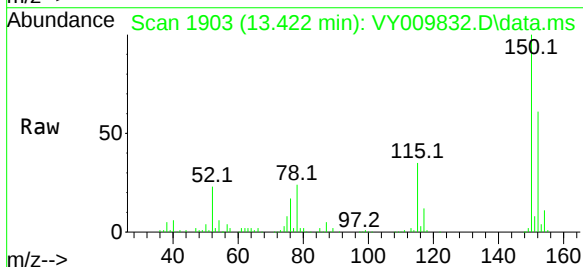
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

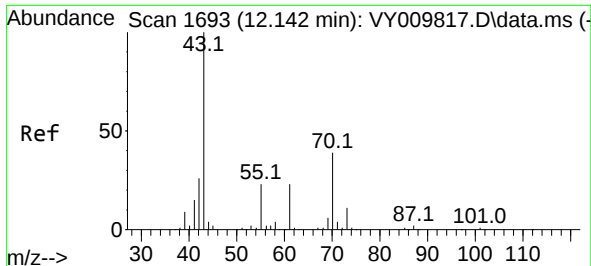
Tgt Ion:117 Resp: 94348
Ion Ratio Lower Upper
117 100
82 52.7 41.7 62.5
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion:152 Resp: 39851
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 159.0 0.0 354.2

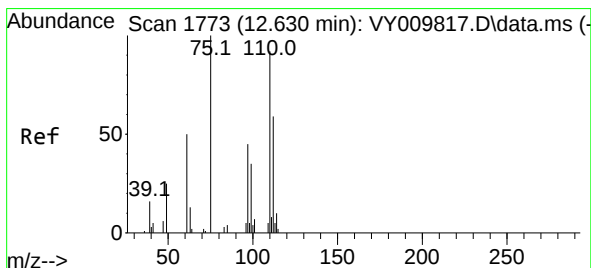
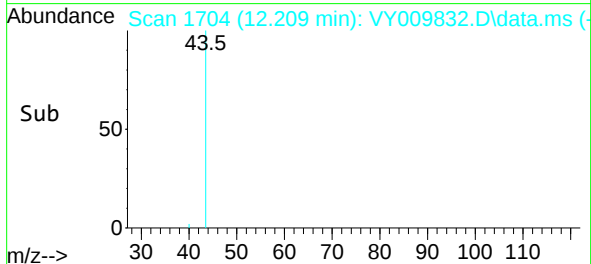
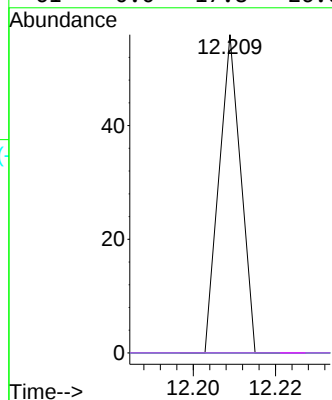
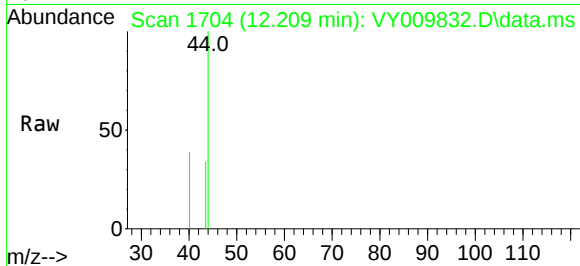




#74
N-amy1 acetate
Concen: 3.461 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.067 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

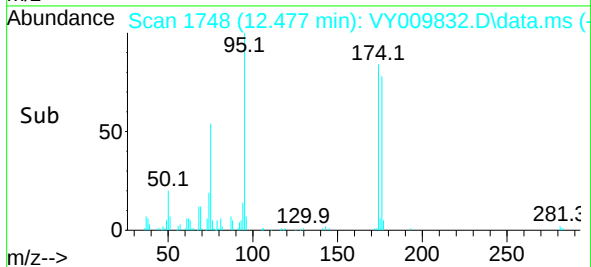
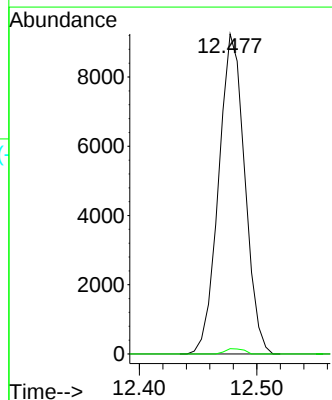
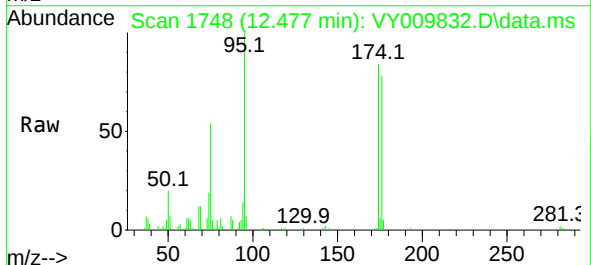
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

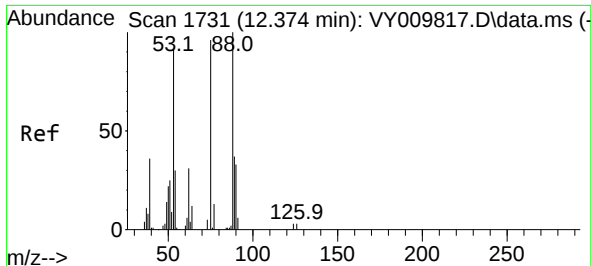
Tgt Ion: 43	Resp:	20
Ion Ratio	Lower	Upper
43	100	
70	0.0	31.4 47.0#
55	0.0	19.0 28.4#
61	0.0	17.8 26.6#



#76
1,2,3-Trichloropropane
Concen: 31.380 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion: 75	Resp:	14305
Ion Ratio	Lower	Upper
75	100	
77	1.2	0.0 0.0#

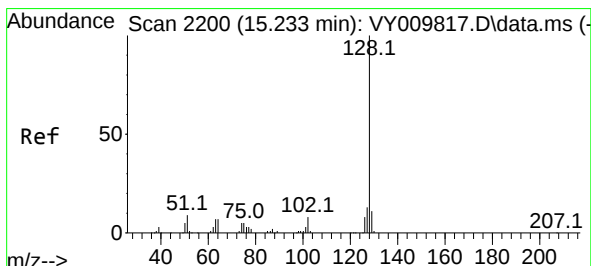
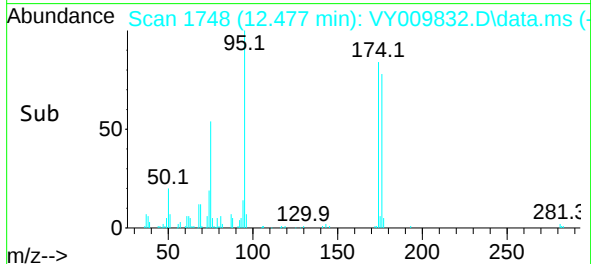
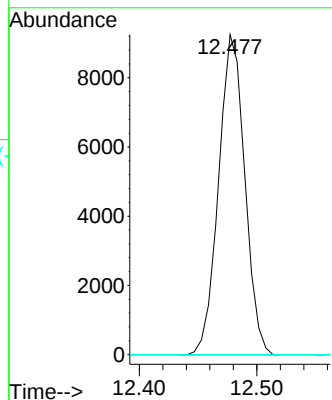
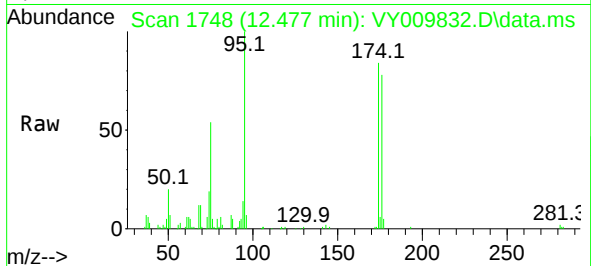




#81
trans-1,4-Dichloro-2-butene
Concen: 67.348 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion: 75 Resp: 14305
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.496 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion: 128 Resp: 135
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

