

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009836.D
 Acq On : 04 Aug 2022 16:45
 Operator : KP/MD
 Sample : N3961-18
 Misc : 3.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-184

Quant Time: Aug 05 01:44:17 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)

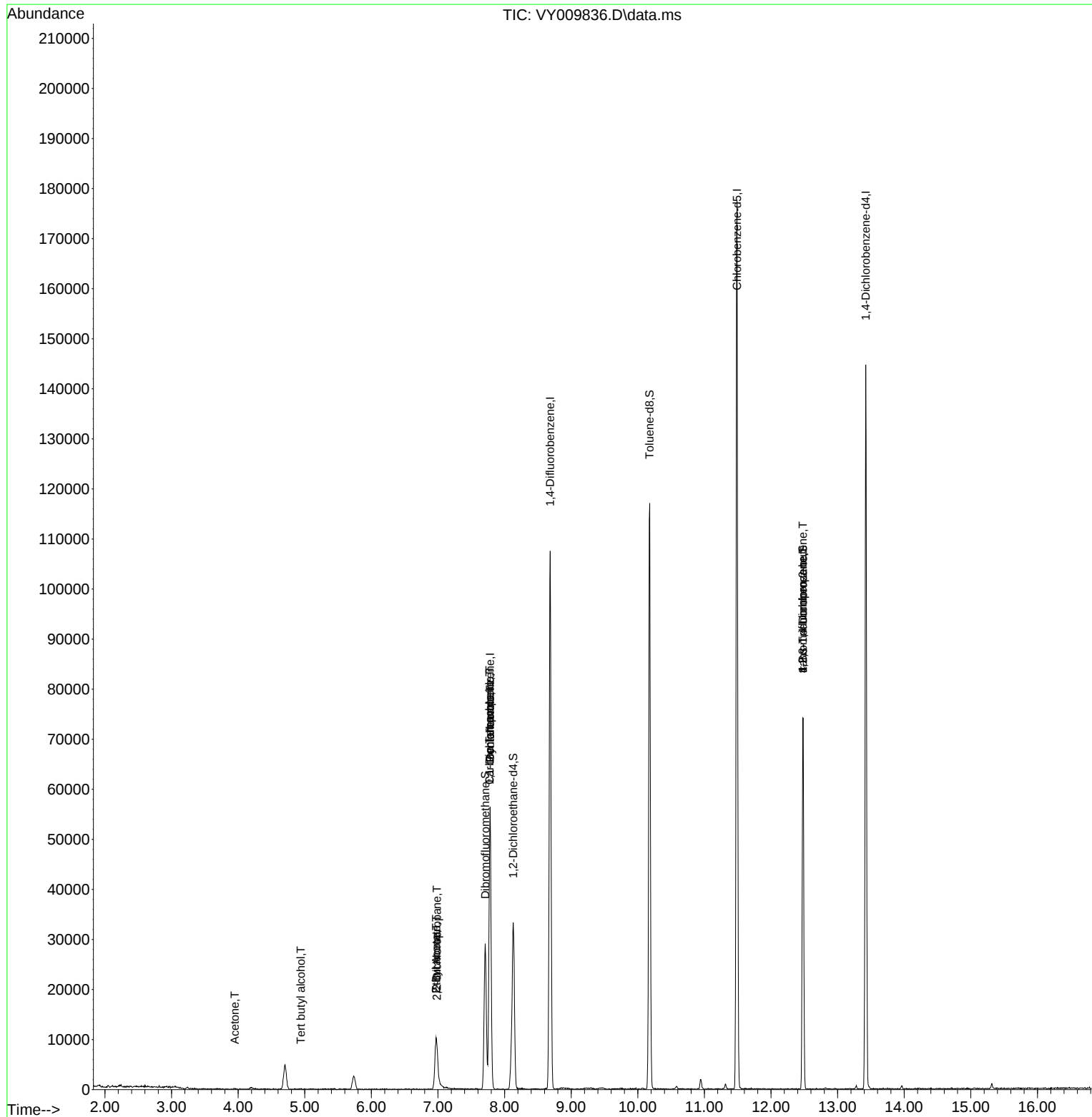
Internal Standards						
1) Pentafluorobenzene	7.783	168	42264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	88347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	92390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21464	63.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.820%	
35) Dibromofluoromethane	7.710	113	19946	37.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.060%	
50) Toluene-d8	10.179	98	74261	46.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 92.940%	
62) 4-Bromofluorobenzene	12.477	95	21694	29.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 59.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	232	Below Cal	#	42
11) Tert butyl alcohol	4.942	59	144	3.209	ug/l #	78
16) Acetone	3.948	43	184	1.538	ug/l #	45
20) Methylene Chloride	4.704	84	3597	Below Cal	#	85
25) 2-Butanone	6.972	43	671	3.429	ug/l #	53
26) 2,2-Dichloropropane	6.984	77	838	1.050	ug/l #	52
31) Cyclohexane	7.783	56	1127	1.409	ug/l #	19
36) 1,1-Dichloropropene	7.777	75	3480	3.894	ug/l #	49
37) Ethyl Acetate	6.972	43	671	1.153	ug/l #	1
38) Carbon Tetrachloride	7.777	117	4293	4.568	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	11738	29.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11738	62.793	ug/l #	12

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

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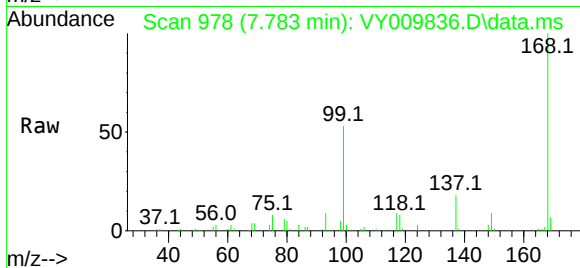
Quant Time: Aug 05 01:44:17 2022
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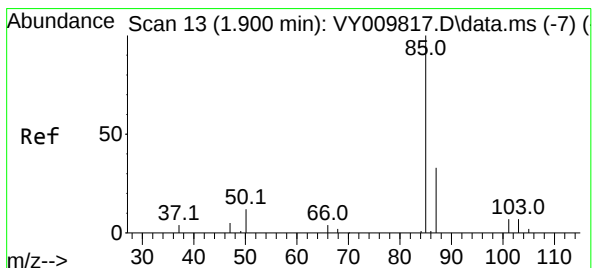
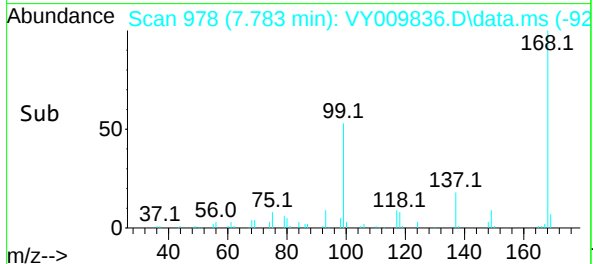
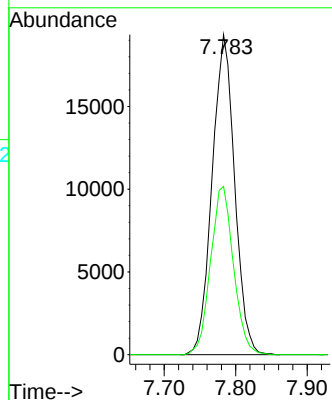


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Instrument :
MSVOA_Y
ClientSampleId :
RVE-184

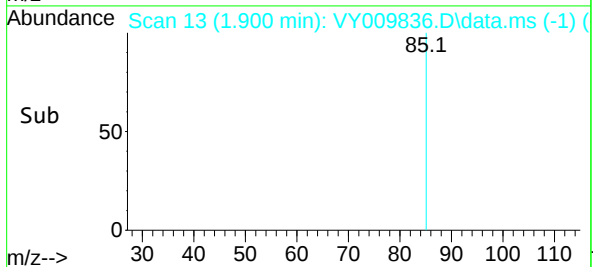
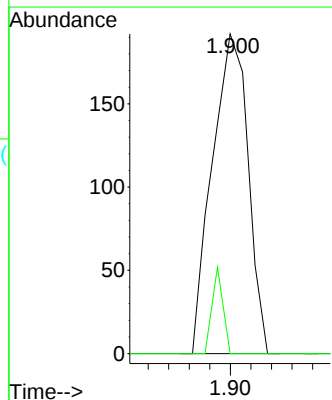
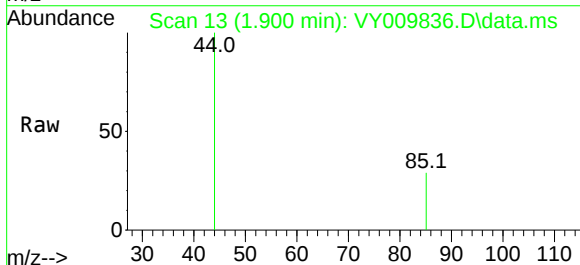


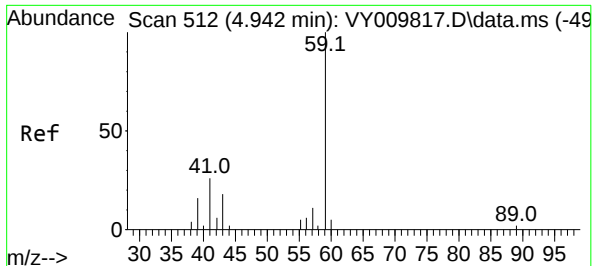
Tgt Ion:168 Resp: 42264
Ion Ratio Lower Upper
168 100
99 52.6 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Tgt Ion: 85 Resp: 232
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

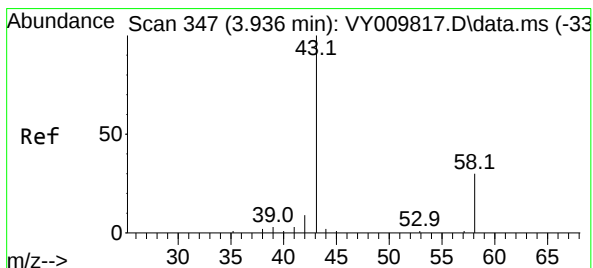
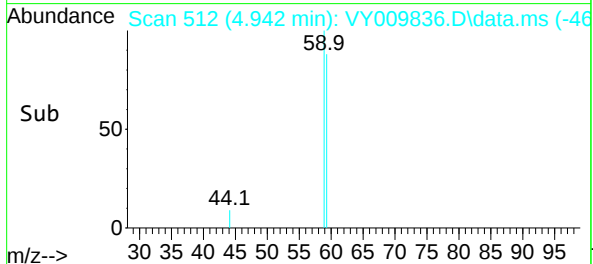
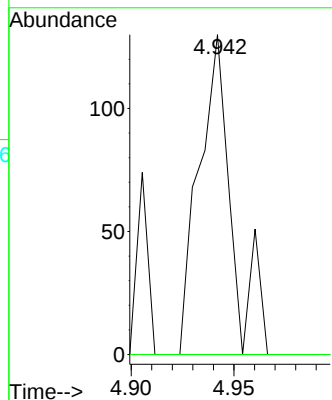
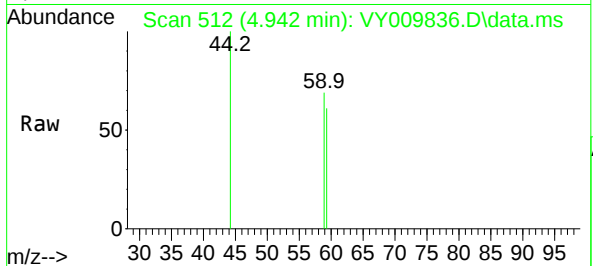




#11
Tert butyl alcohol
Concen: 3.209 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

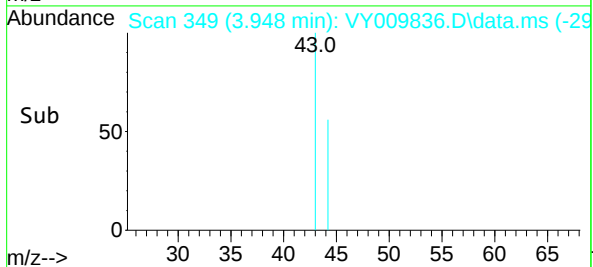
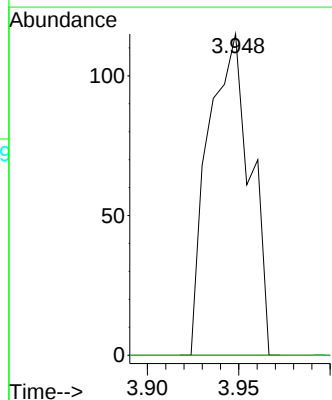
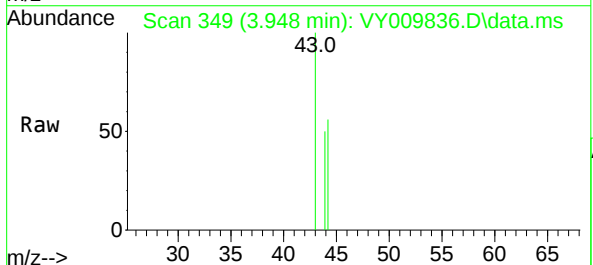
Instrument :
MSVOA_Y
ClientSampleId :
RVE-184

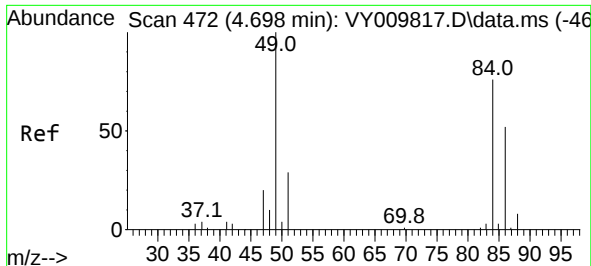
Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#



#16
Acetone
Concen: 1.538 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#

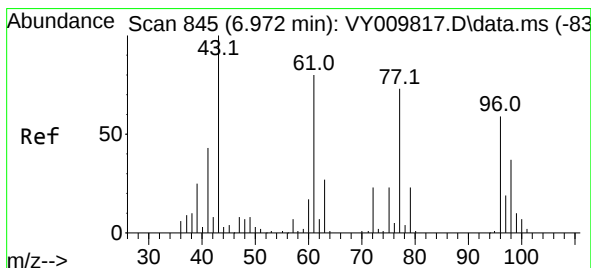
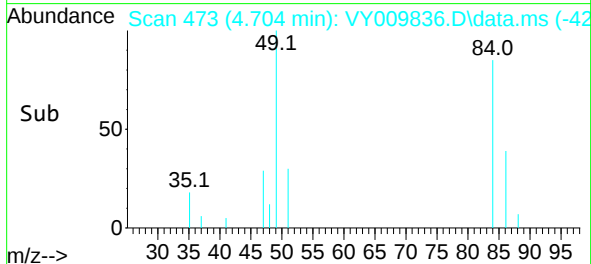
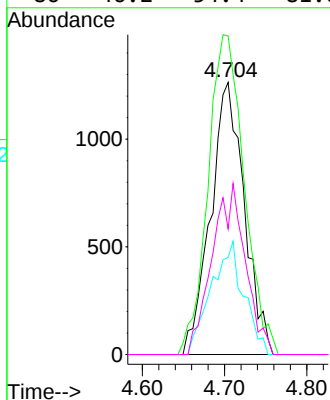
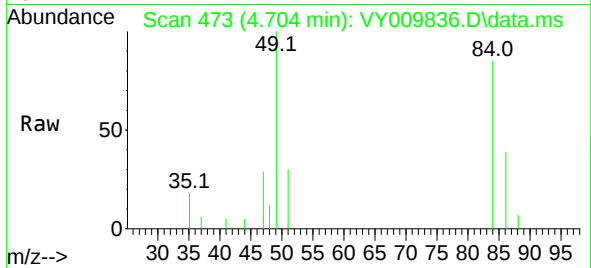




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

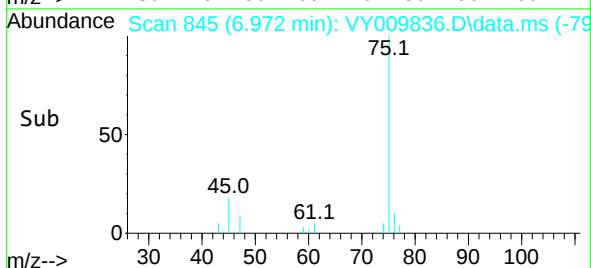
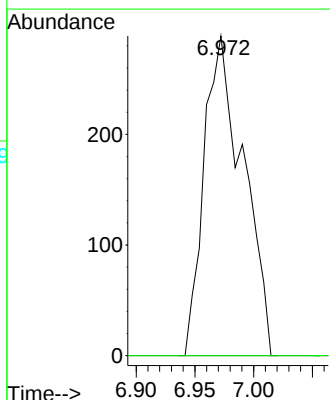
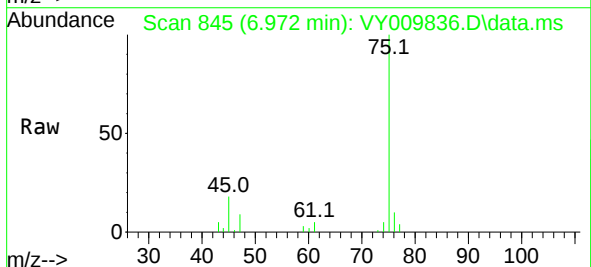
Instrument :
MSVOA_Y
ClientSampleId :
RVE-184

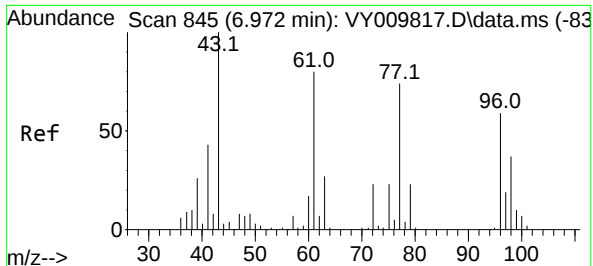
Tgt Ion:	84	Resp:	3597
Ion	Ratio	Lower	Upper
84	100		
49	117.0	104.6	156.8
51	35.7	30.9	46.3
86	46.2	54.4	81.6



#25
2-Butanone
Concen: 3.429 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Tgt Ion:	43	Resp:	671
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4





#26

2,2-Dichloropropane

Concen: 1.050 ug/l

RT: 6.984 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY009836.D

Acq: 04 Aug 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

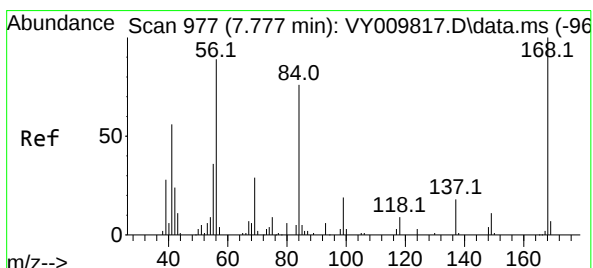
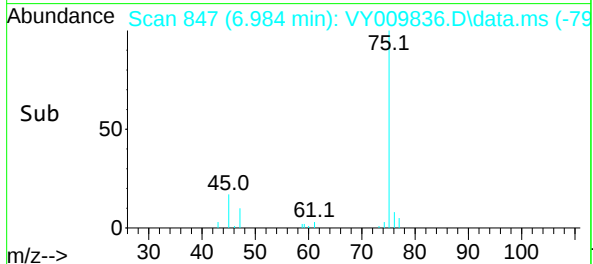
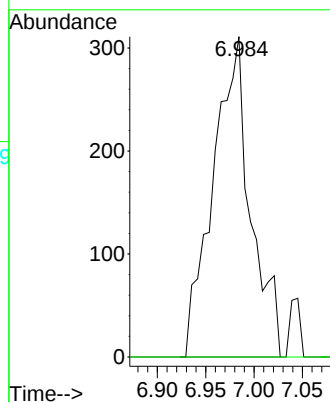
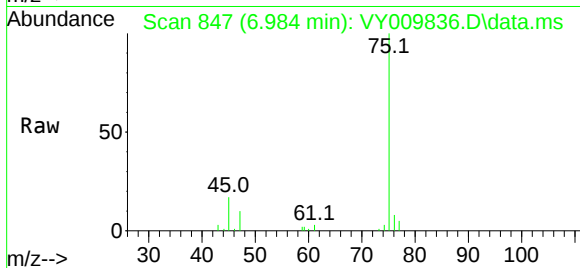
RVE-184

Tgt Ion: 77 Resp: 838

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#31

Cyclohexane

Concen: 1.409 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY009836.D

Acq: 04 Aug 2022 16:45

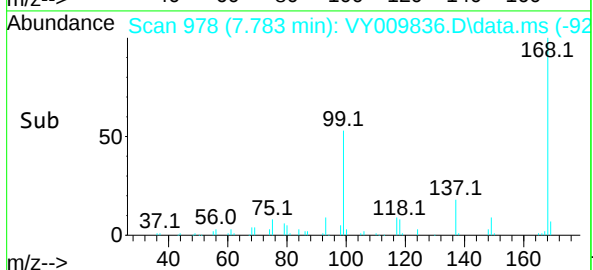
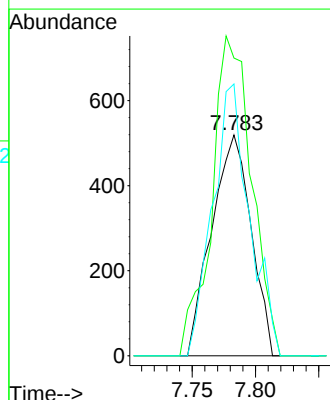
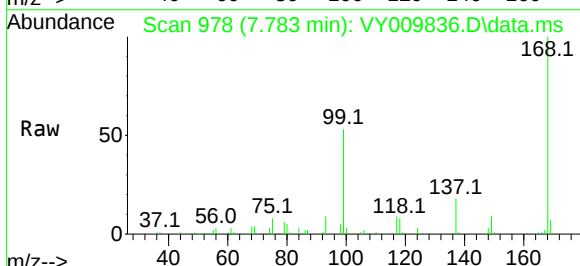
Tgt Ion: 56 Resp: 1127

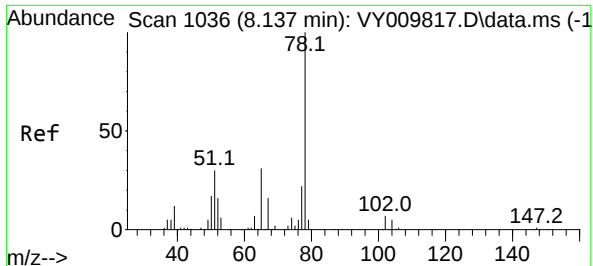
Ion Ratio Lower Upper

56 100

69 134.9 25.8 38.8#

84 123.1 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 63.406 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009836.D

Acq: 04 Aug 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

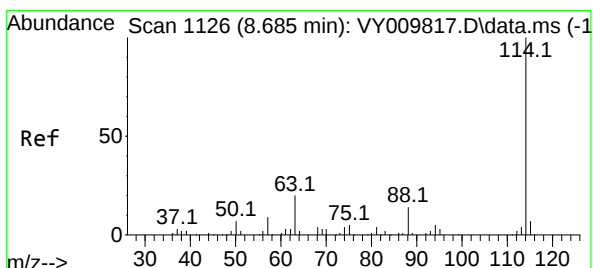
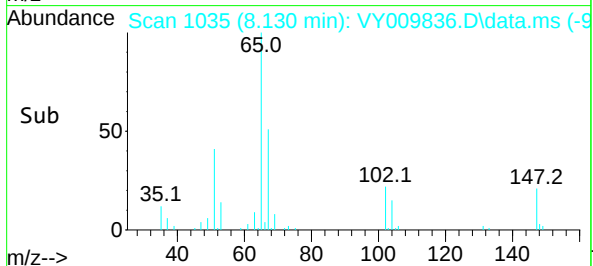
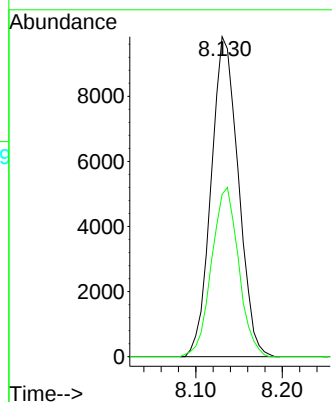
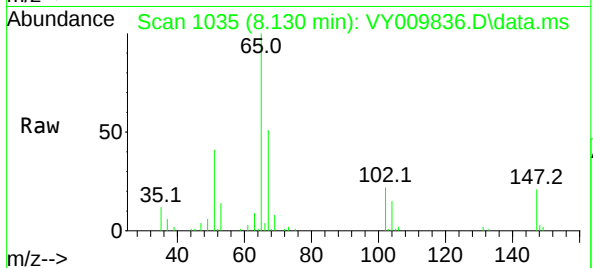
RVE-184

Tgt Ion: 65 Resp: 21464

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009836.D

Acq: 04 Aug 2022 16:45

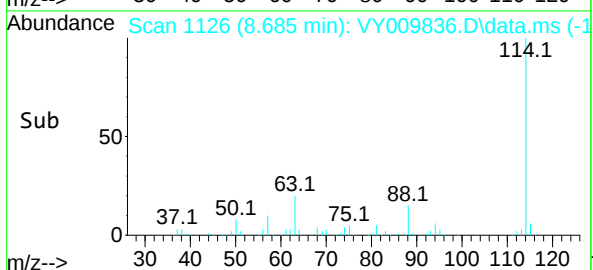
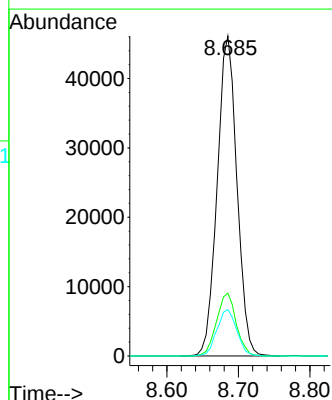
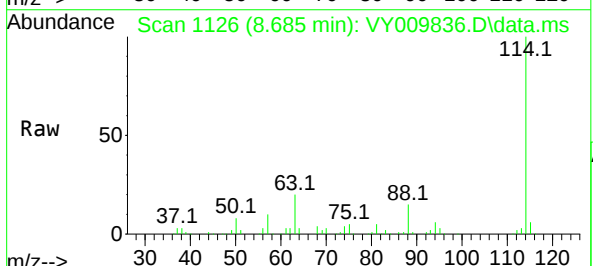
Tgt Ion:114 Resp: 88347

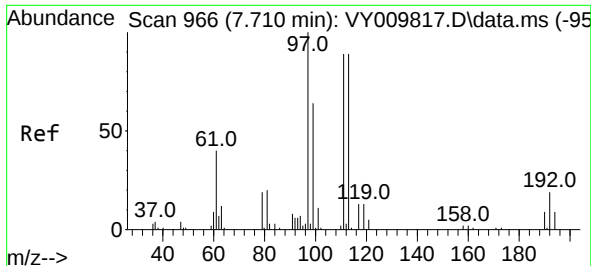
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

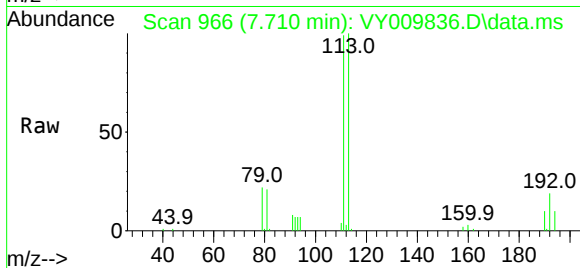
88 14.5 0.0 27.6



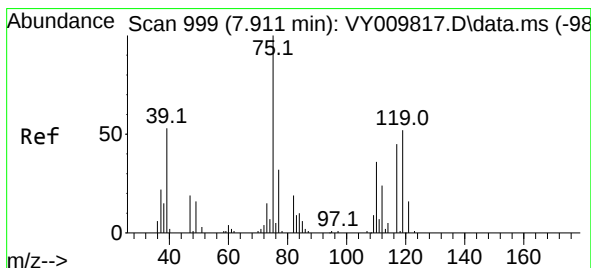
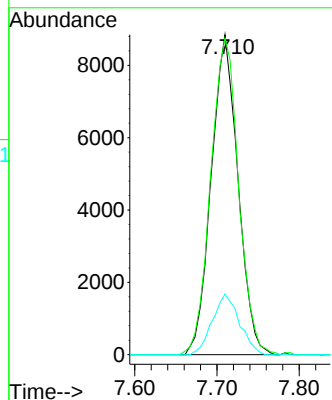
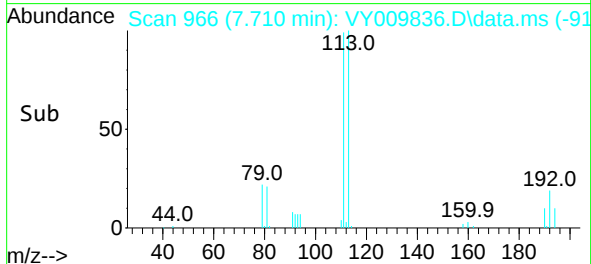


#35
Dibromofluoromethane
Concen: 37.029 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

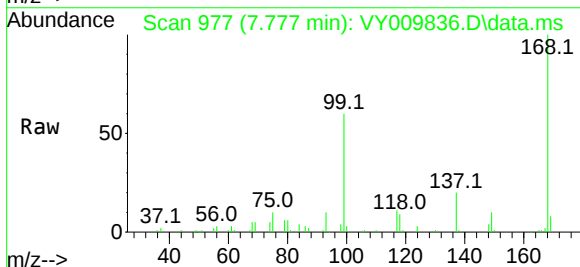
Instrument :
MSVOA_Y
ClientSampleId :
RVE-184



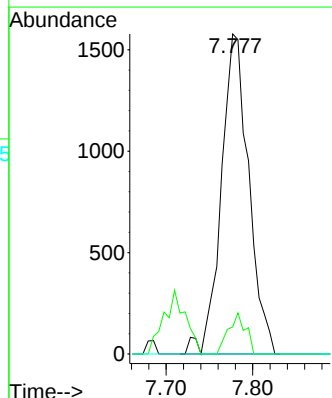
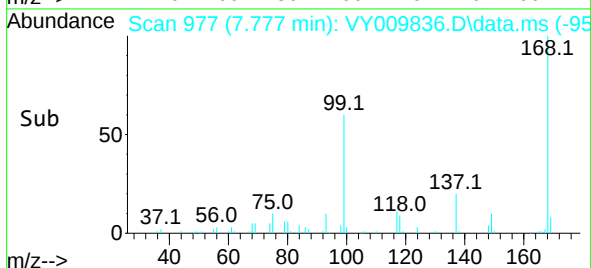
Tgt Ion:113 Resp: 19946
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.2 16.5 24.7

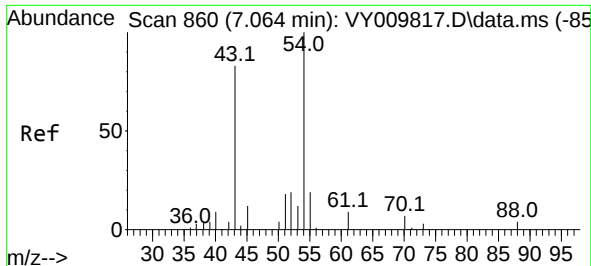


#36
1,1-Dichloropropene
Concen: 3.894 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45



Tgt Ion: 75 Resp: 3480
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.4#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.153 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY009836.D

Acq: 04 Aug 2022 16:45

Instrument :

MSVOA_Y

ClientSampleId :

RVE-184

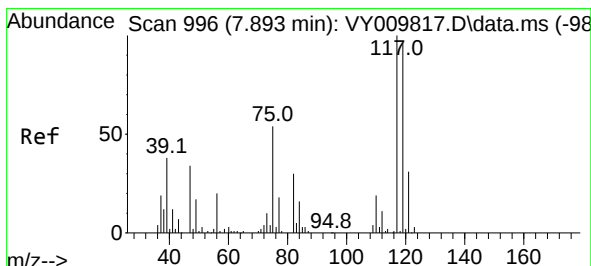
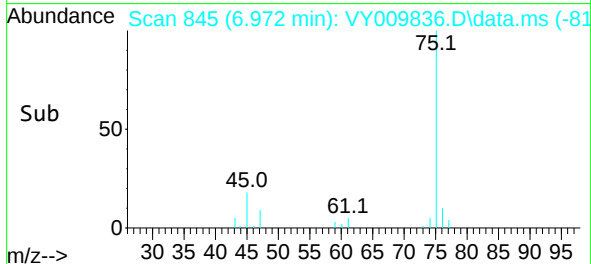
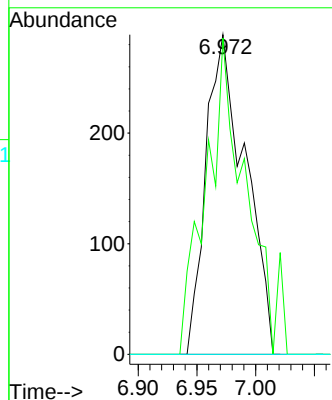
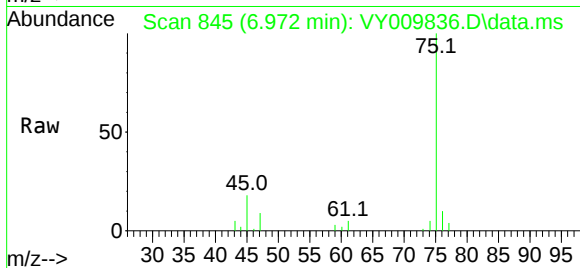
Tgt Ion: 43 Resp: 671

Ion Ratio Lower Upper

43 100

61 102.1 11.0 16.6#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 4.568 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009836.D

Acq: 04 Aug 2022 16:45

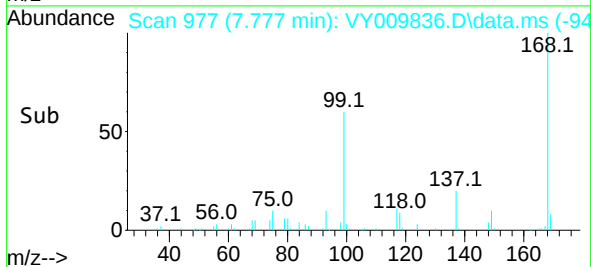
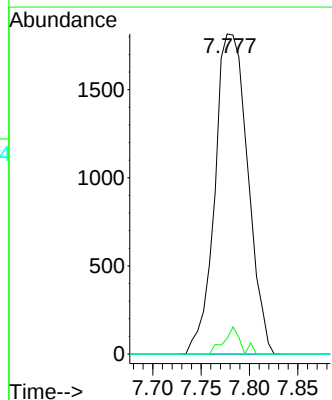
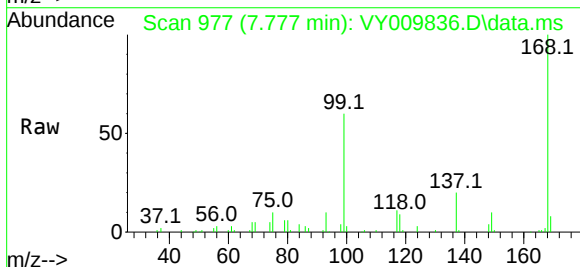
Tgt Ion: 117 Resp: 4293

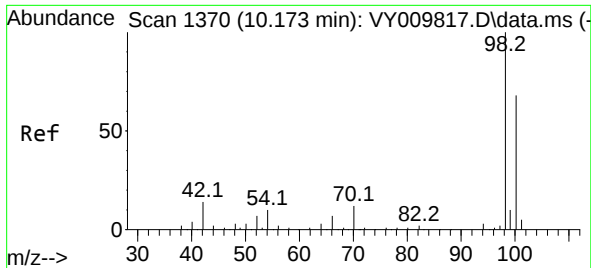
Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

121 0.0 24.9 37.3#

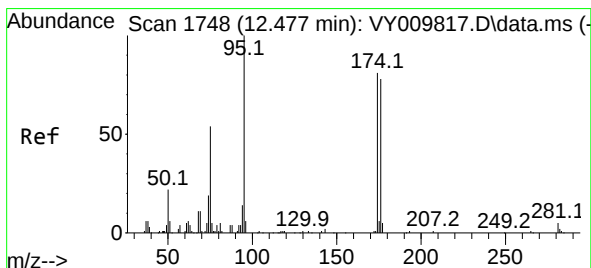
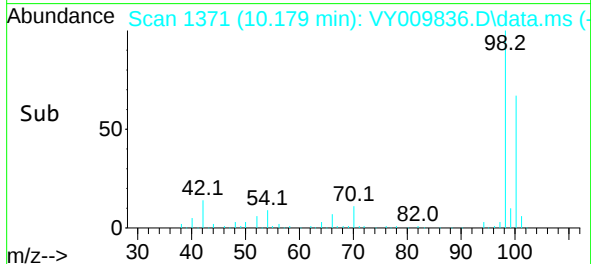
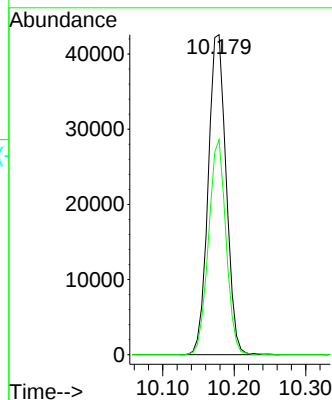
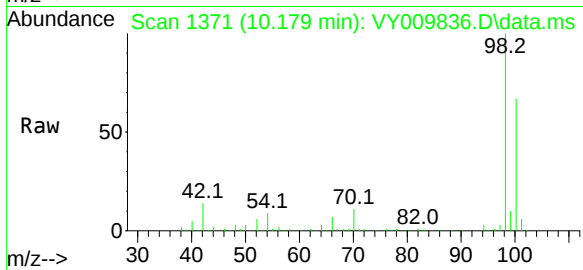




#50
Toluene-d8
Concen: 46.471 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

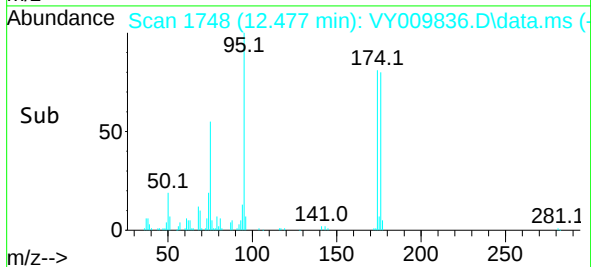
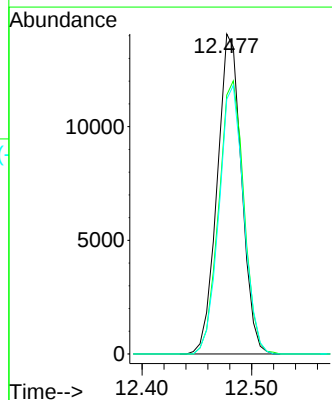
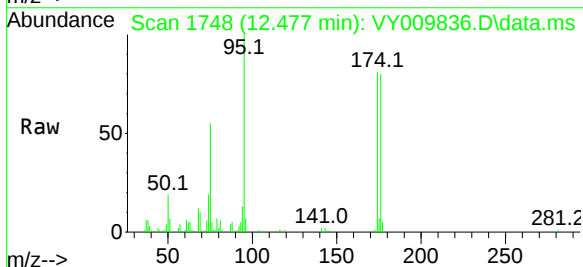
Instrument :
MSVOA_Y
ClientSampleId :
RVE-184

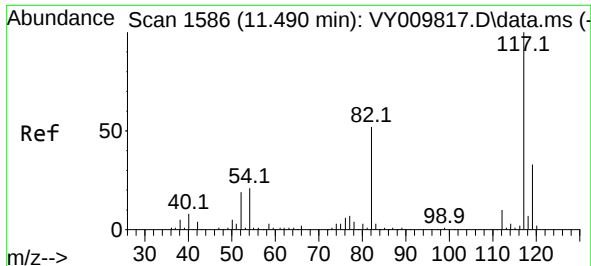
Tgt Ion: 98 Resp: 74261
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 29.742 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Tgt Ion: 95 Resp: 21694
Ion Ratio Lower Upper
95 100
174 88.1 0.0 168.6
176 85.0 0.0 163.6

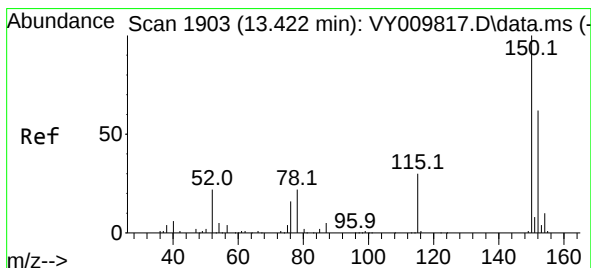
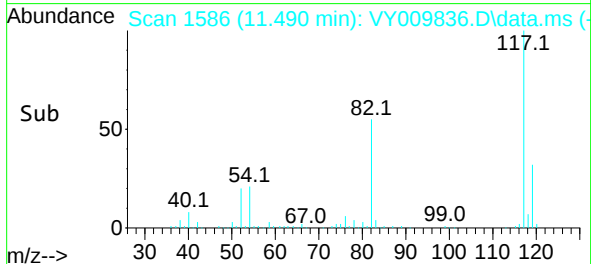
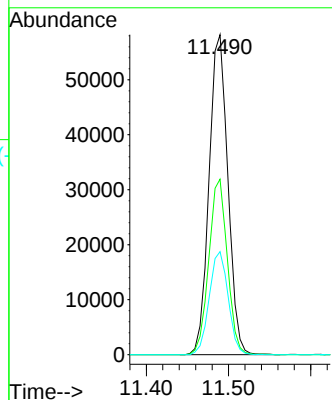
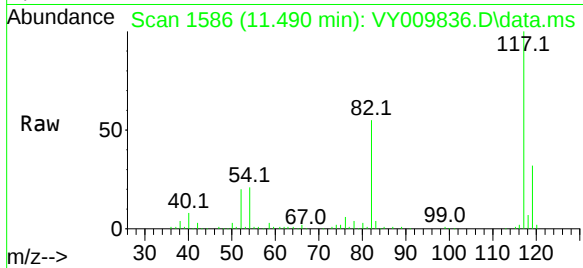




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

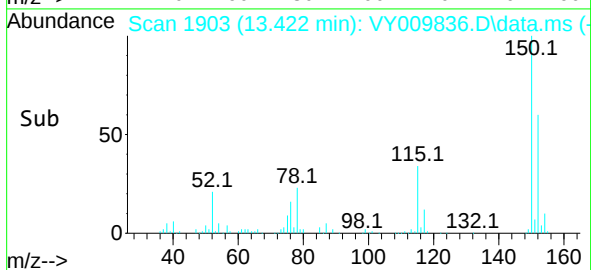
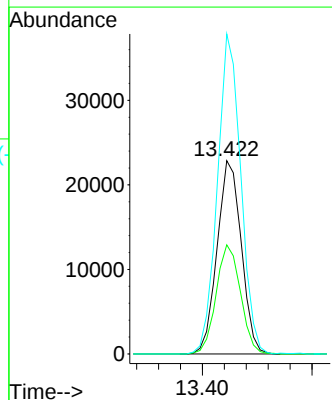
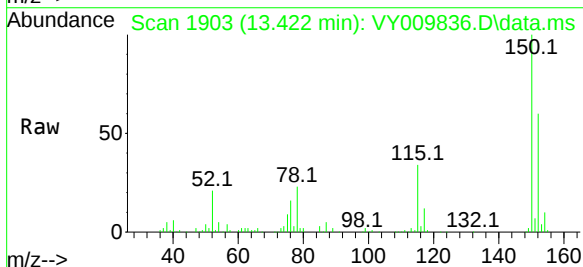
Instrument :
MSVOA_Y
ClientSampleId :
RVE-184

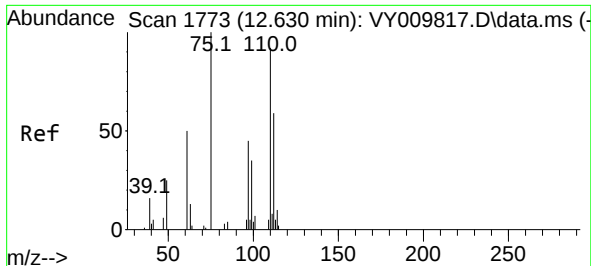
Tgt Ion:117 Resp: 92390
Ion Ratio Lower Upper
117 100
82 54.9 41.7 62.5
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Tgt Ion:152 Resp: 35072
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.7
150 160.1 0.0 354.2

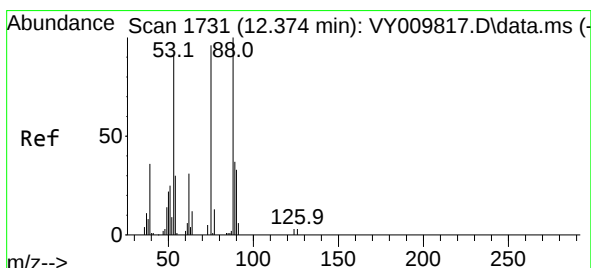
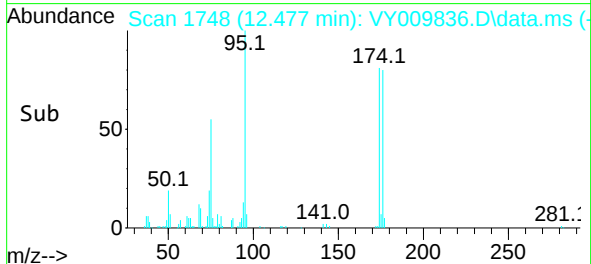
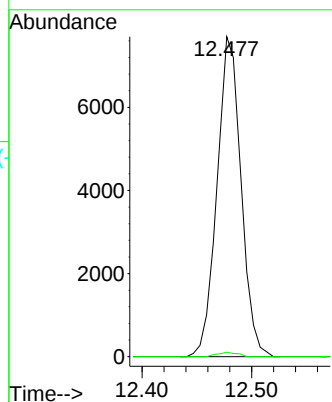
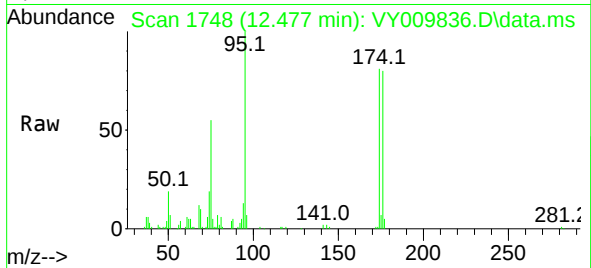




#76
1,2,3-Trichloropropane
Concen: 29.257 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Instrument :
MSVOA_Y
ClientSampleId :
RVE-184

Tgt Ion: 75 Resp: 11738
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.793 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009836.D
Acq: 04 Aug 2022 16:45

Tgt Ion: 75 Resp: 11738
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#

