

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009831.D
 Acq On : 04 Aug 2022 14:47
 Operator : KP/MD
 Sample : N3960-17RE
 Misc : 3.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-164

Quant Time: Aug 05 01:43:27 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)

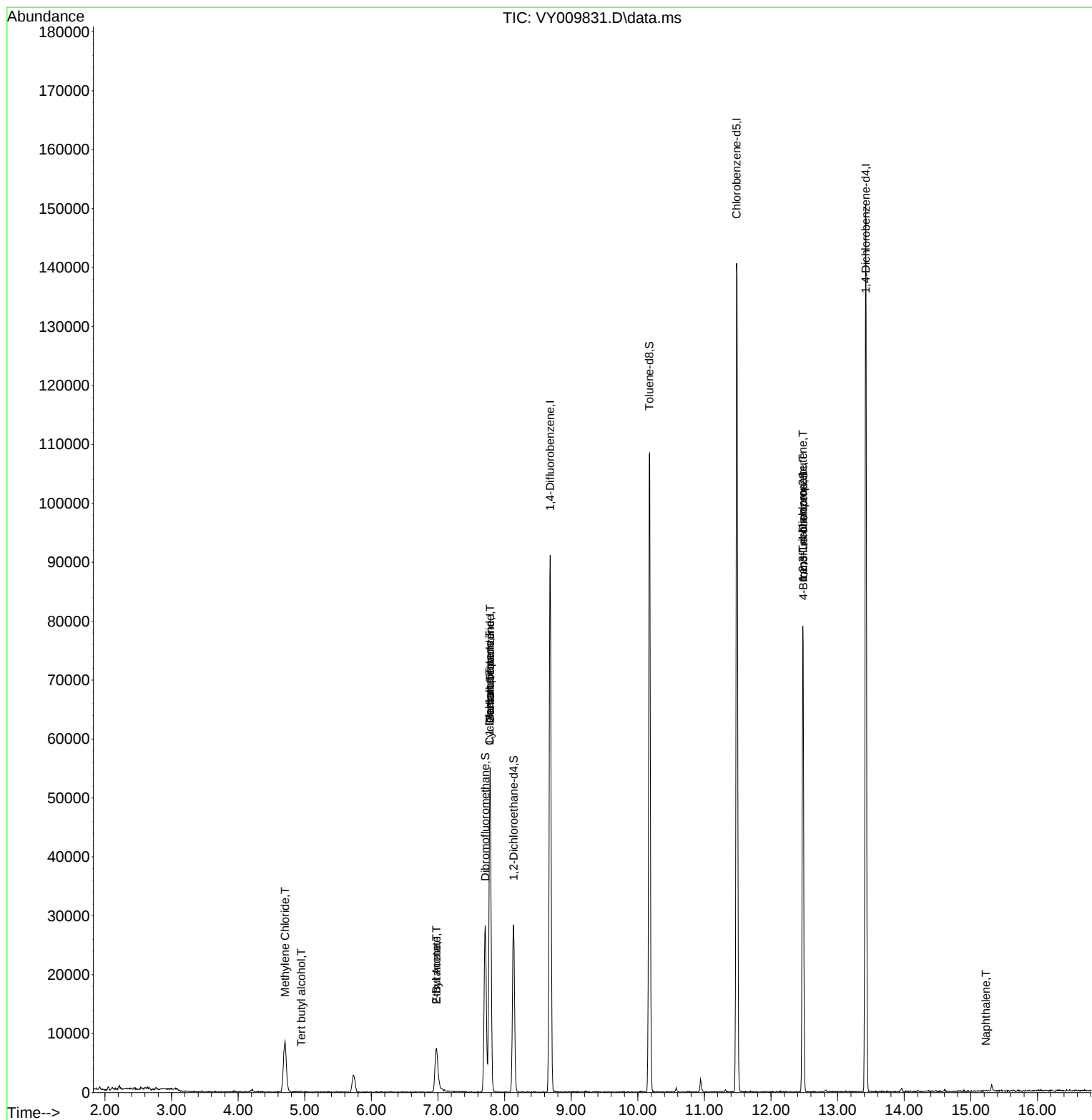
Internal Standards						
1) Pentafluorobenzene	7.783	168	41884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	75922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21906	65.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.000%
35) Dibromofluoromethane	7.710	113	19686	41.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.900%
50) Toluene-d8	10.173	98	69457	49.788	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.483	95	22293	34.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	69.340%
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	136	3.058	ug/l #	78
20) Methylene Chloride	4.704	84	6472	4.626	ug/l	90
25) 2-Butanone	6.978	43	552	2.846	ug/l #	53
31) Cyclohexane	7.777	56	986	1.244	ug/l #	3
36) 1,1-Dichloropropene	7.777	75	3499	4.441	ug/l #	50
37) Ethyl Acetate	6.978	43	552	1.076	ug/l #	1
38) Carbon Tetrachloride	7.783	117	4112	4.962	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	12106	28.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	12106	62.183	ug/l #	12
95) Naphthalene	15.226	128	119	5.493	ug/l #	69

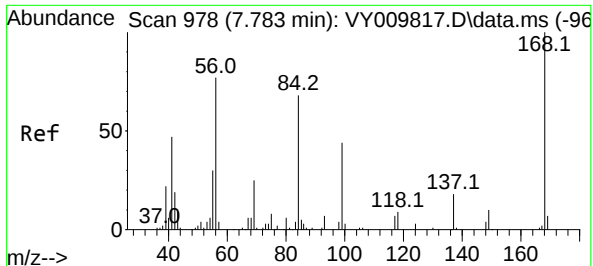
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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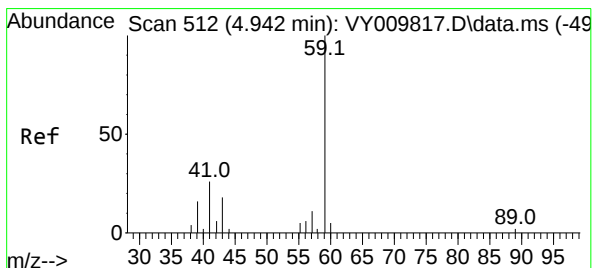
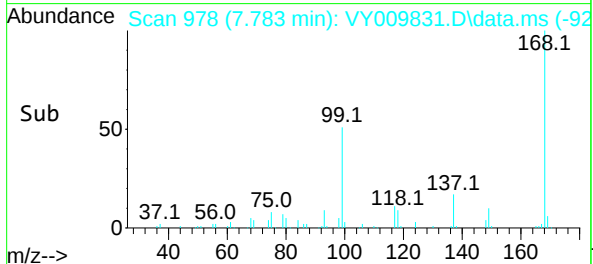
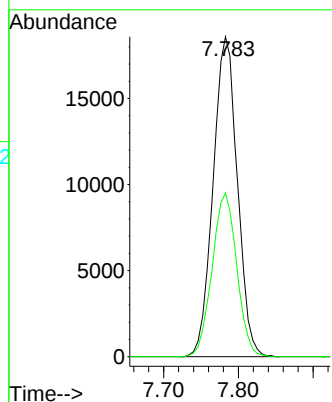
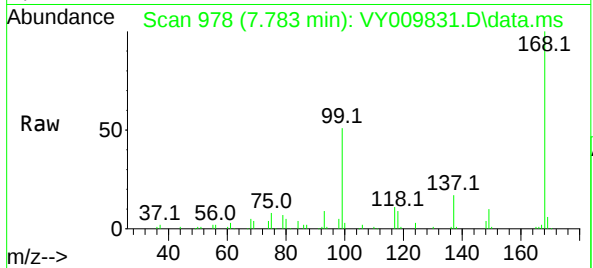




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

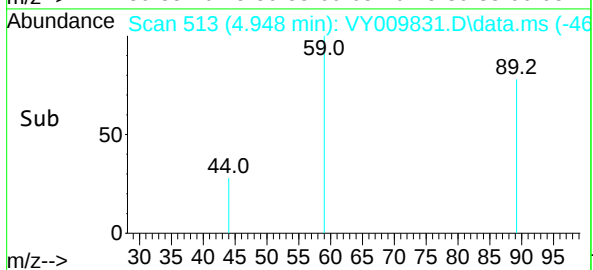
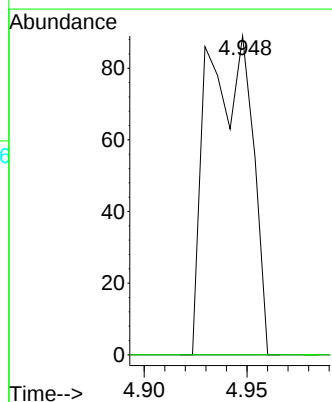
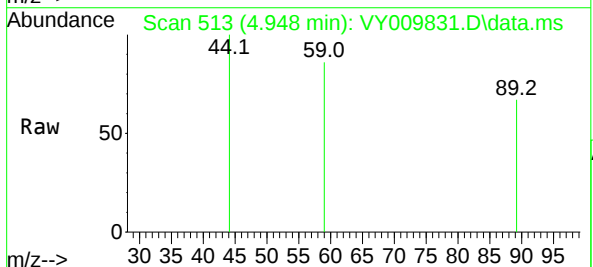
Instrument :
MSVOA_Y
ClientSampleId :
RVE-164

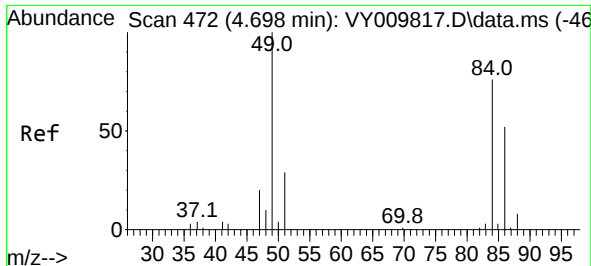
Tgt Ion:168 Resp: 41884
Ion Ratio Lower Upper
168 100
99 51.1 44.7 67.1



#11
Tert butyl alcohol
Concen: 3.058 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#





#20

Methylene Chloride

Concen: 4.626 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009831.D

Acq: 04 Aug 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

RVE-164

Tgt Ion: 84 Resp: 6472

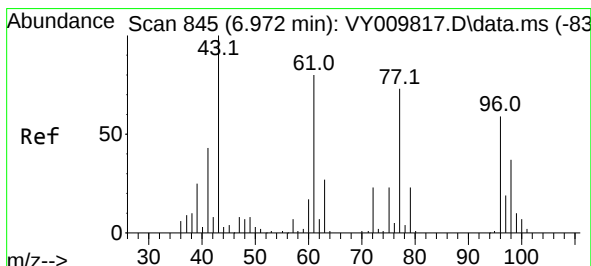
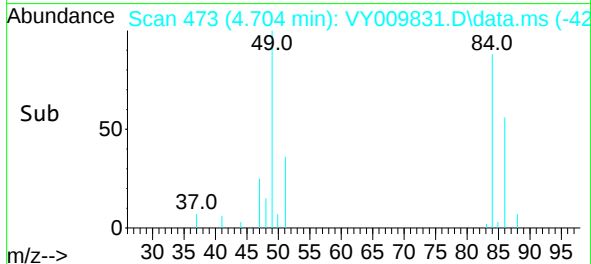
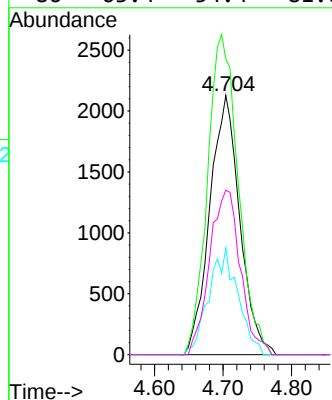
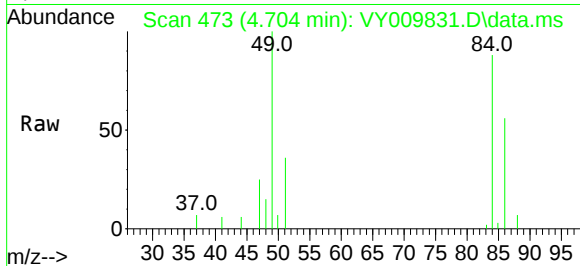
Ion Ratio Lower Upper

84 100

49 114.1 104.6 156.8

51 41.2 30.9 46.3

86 63.4 54.4 81.6



#25

2-Butanone

Concen: 2.846 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009831.D

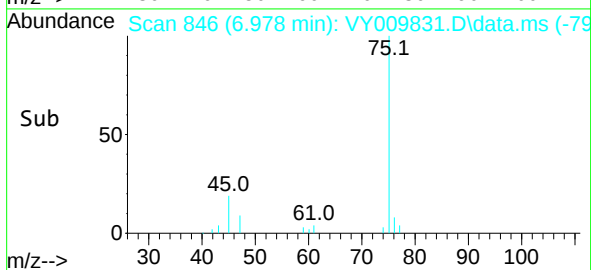
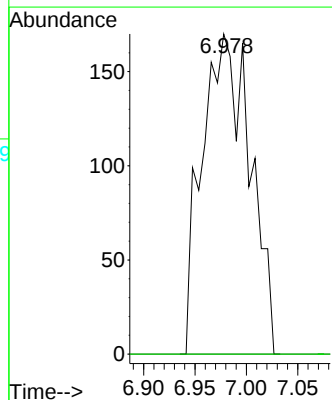
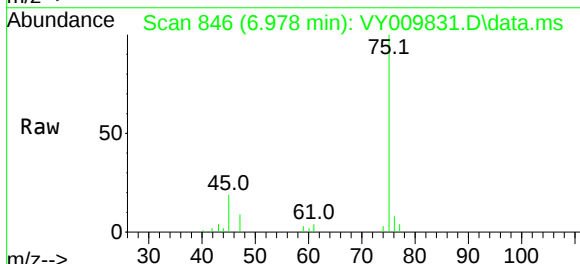
Acq: 04 Aug 2022 14:47

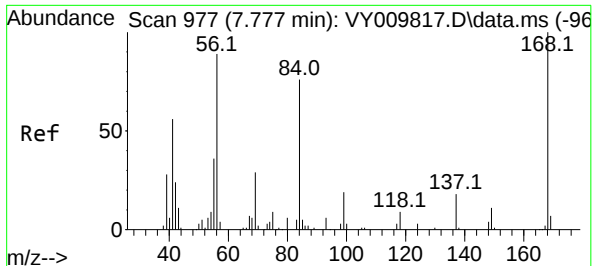
Tgt Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

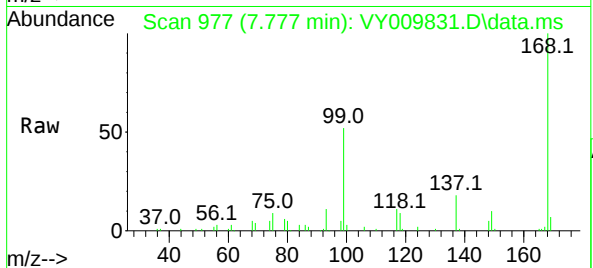
72 0.0 18.2 27.4#



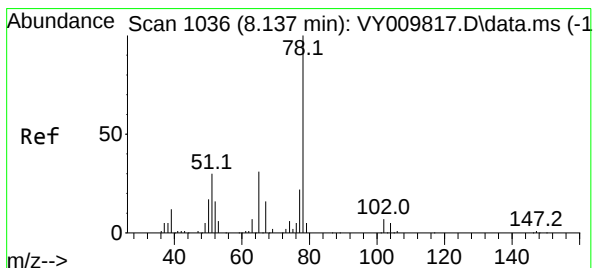
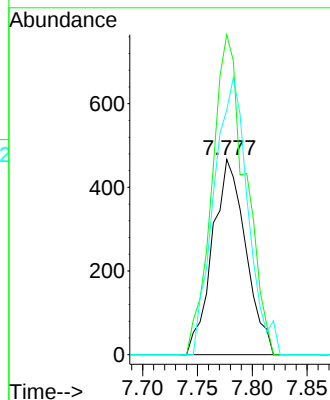
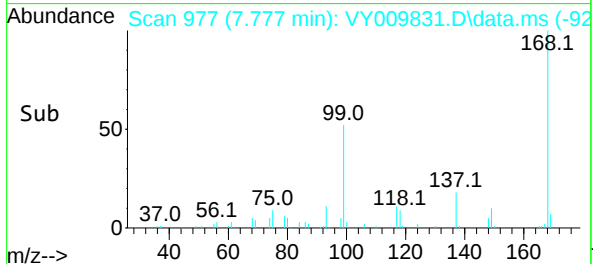


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

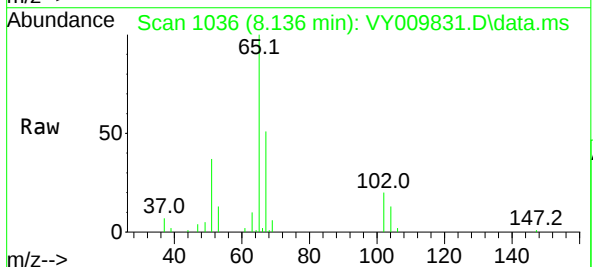
Instrument :
MSVOA_Y
ClientSampleId :
RVE-164



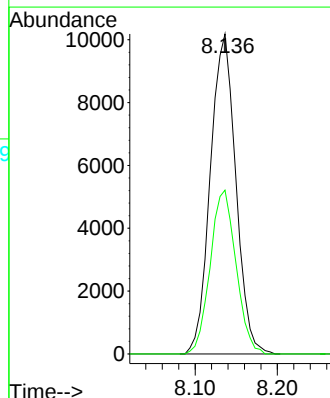
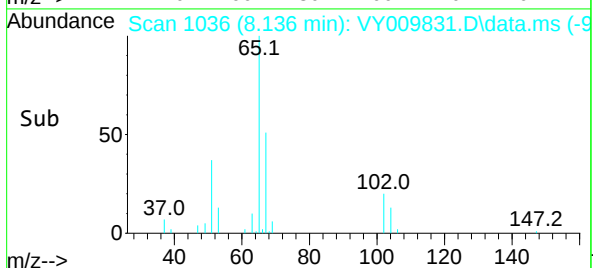
Tgt Ion: 56 Resp: 986
Ion Ratio Lower Upper
56 100
69 163.8 25.8 38.8#
84 125.3 67.9 101.9#

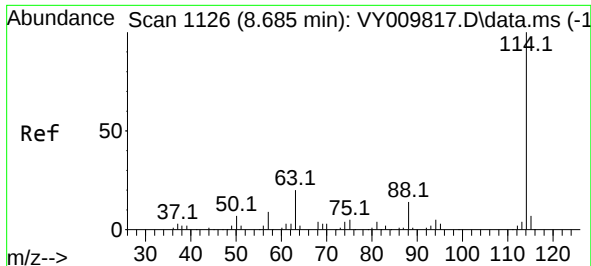


#33
1,2-Dichloroethane-d4
Concen: 65.505 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47



Tgt Ion: 65 Resp: 21906
Ion Ratio Lower Upper
65 100
67 51.9 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: VY009831.D

Acq: 04 Aug 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

RVE-164

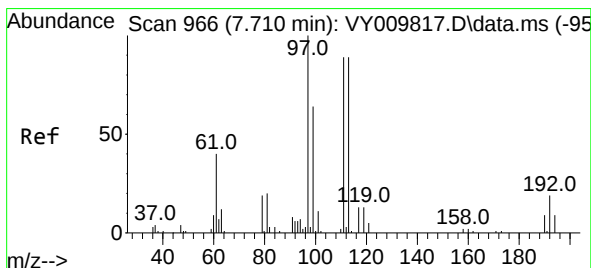
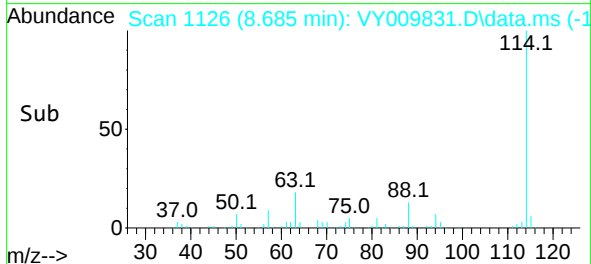
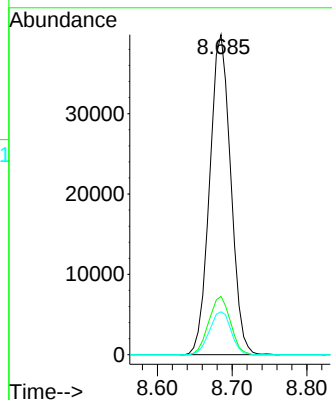
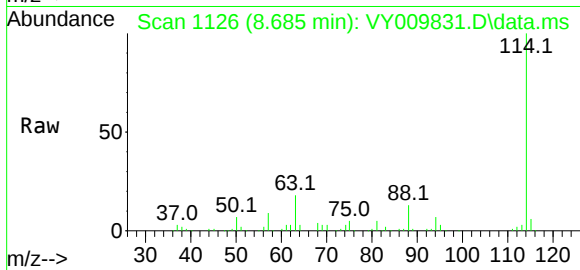
Tgt Ion:114 Resp: 77891

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.2

88 13.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 41.452 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009831.D

Acq: 04 Aug 2022 14:47

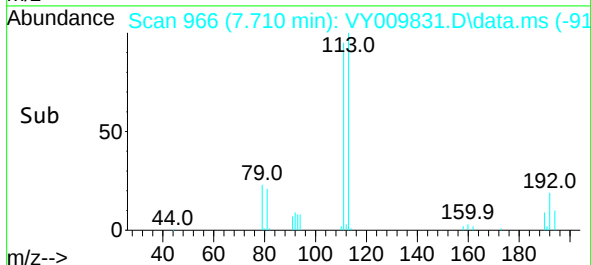
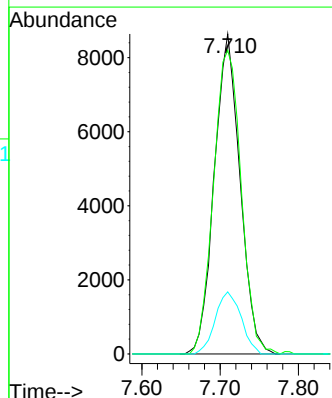
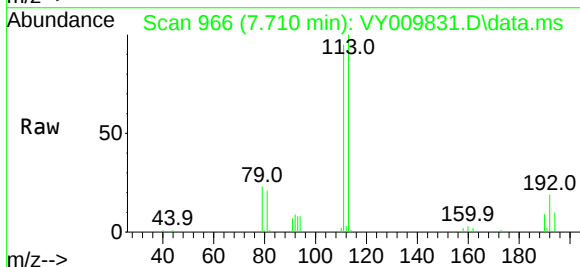
Tgt Ion:113 Resp: 19686

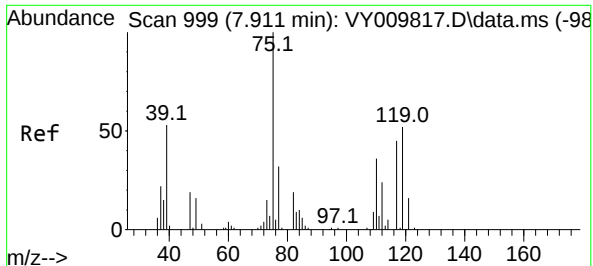
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.5 16.5 24.7

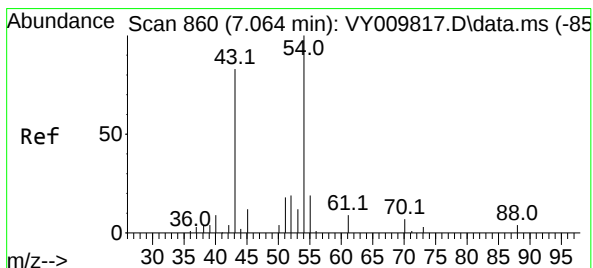
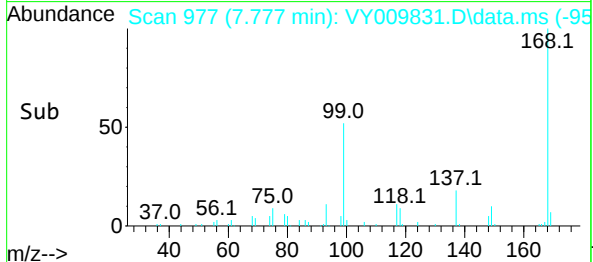
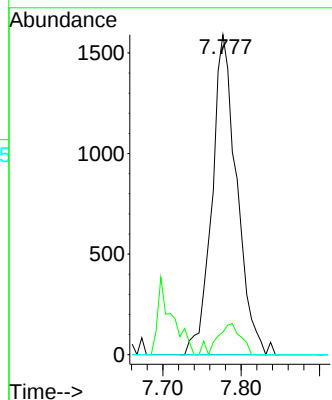
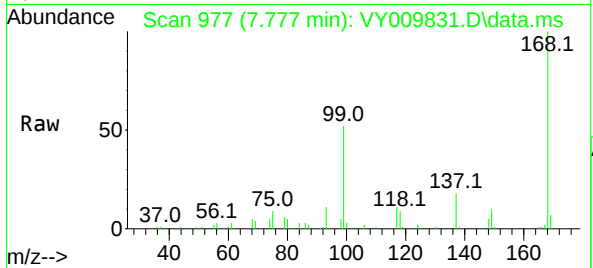




#36
1,1-Dichloropropene
Concen: 4.441 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

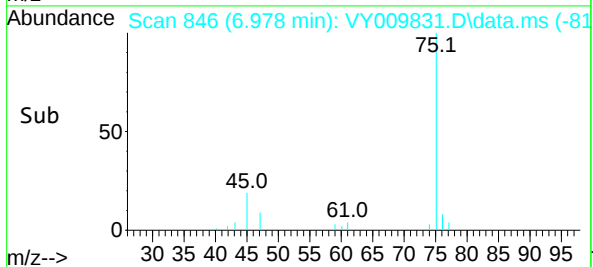
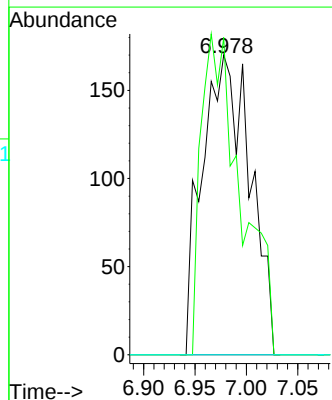
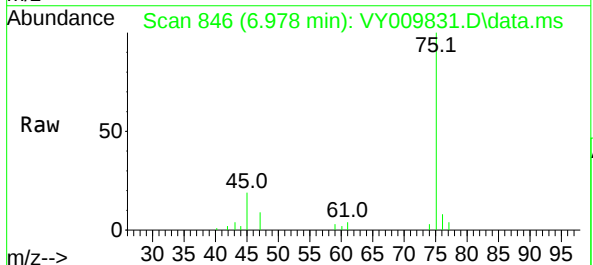
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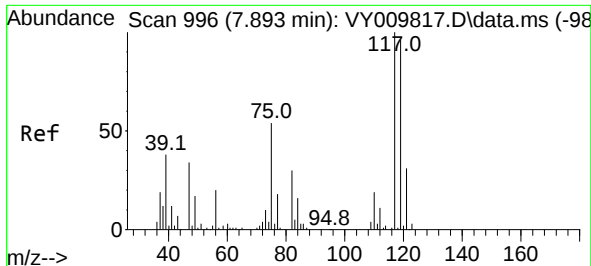
Tgt Ion: 75 Resp: 3499
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.076 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.086 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
61 89.1 11.0 16.6#
70 0.0 7.0 10.6#

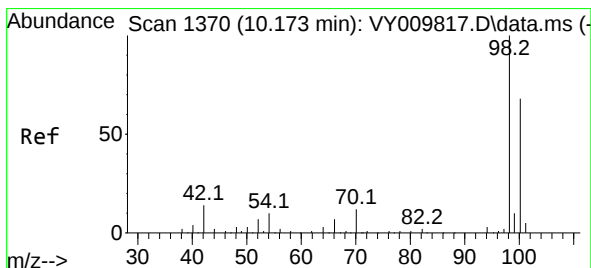
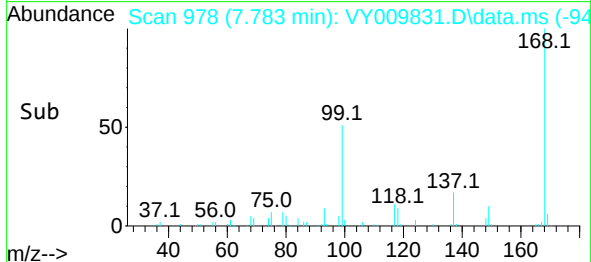
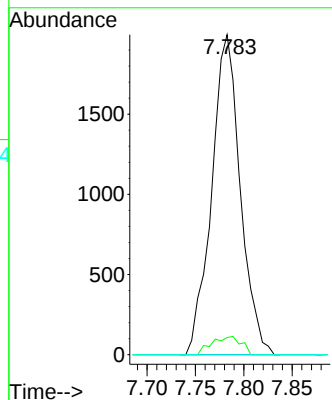
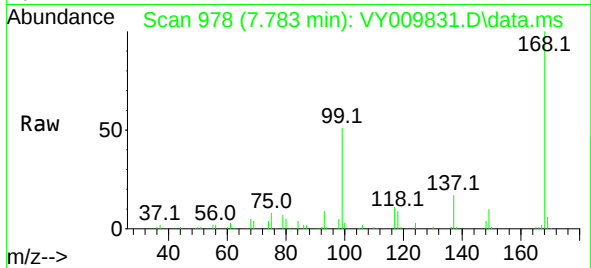




#38
Carbon Tetrachloride
Concen: 4.962 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

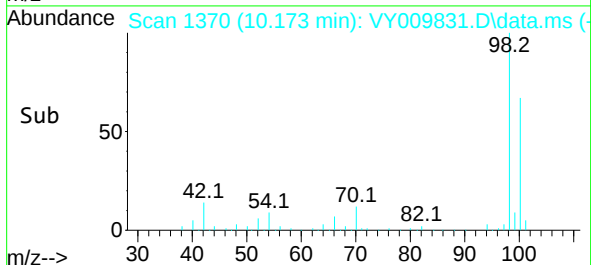
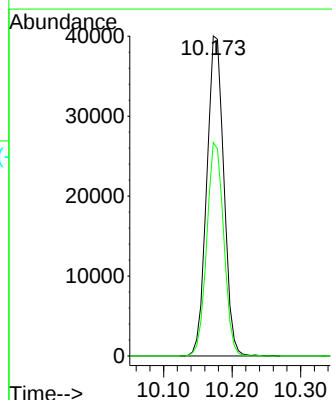
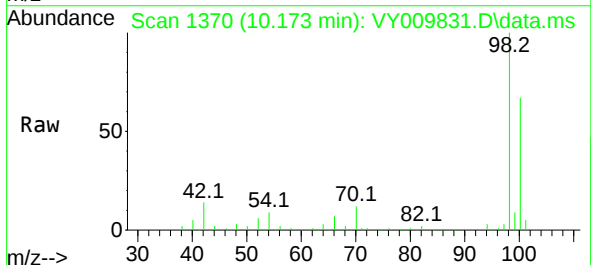
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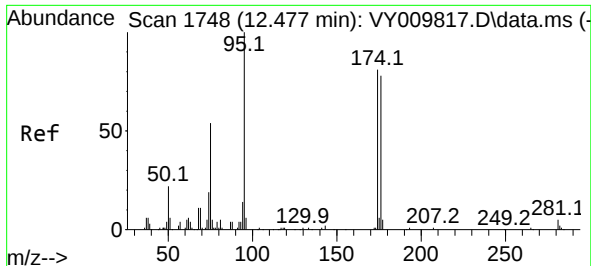
Tgt Ion:117 Resp: 4112
Ion Ratio Lower Upper
117 100
119 5.4 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 49.788 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Tgt Ion: 98 Resp: 69457
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2

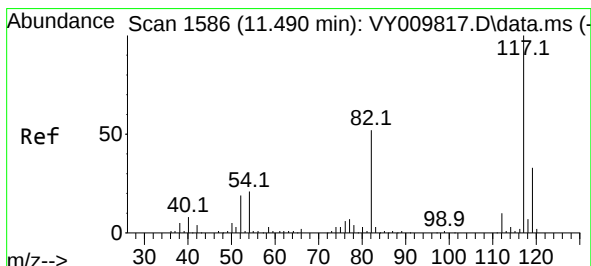
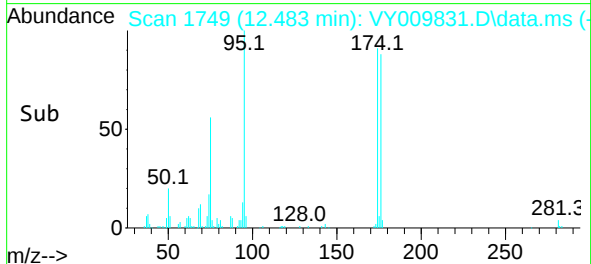
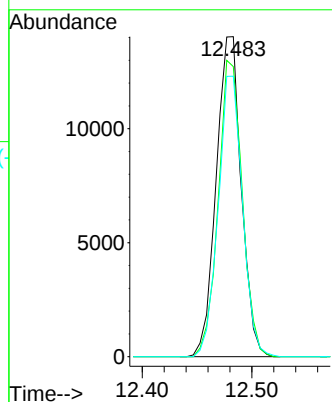
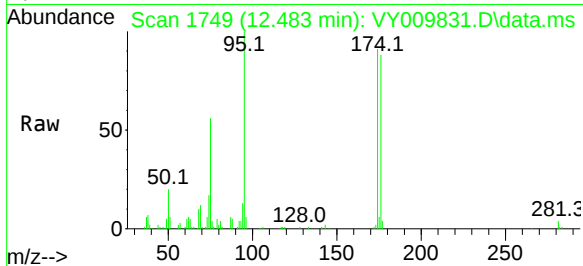




#62
4-Bromofluorobenzene
Concen: 34.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

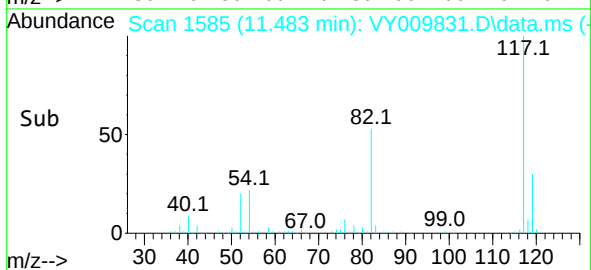
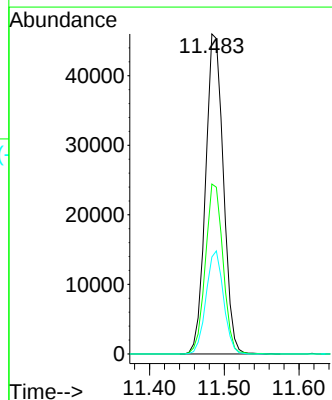
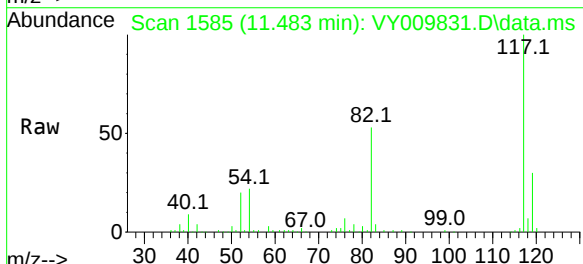
Instrument :
MSVOA_Y
ClientSampleId :
RVE-164

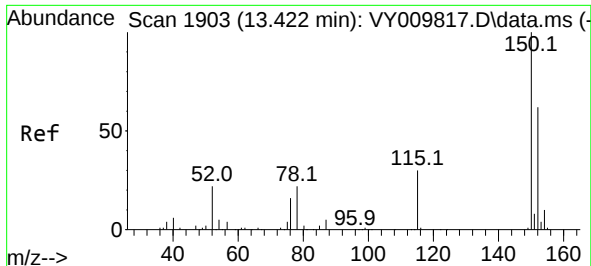
Tgt Ion: 95	Resp: 22293
Ion Ratio	Lower Upper
95 100	
174 88.7	0.0 168.6
176 85.0	0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Tgt Ion: 117	Resp: 75922
Ion Ratio	Lower Upper
117 100	
82 53.1	41.7 62.5
119 30.3	26.6 40.0

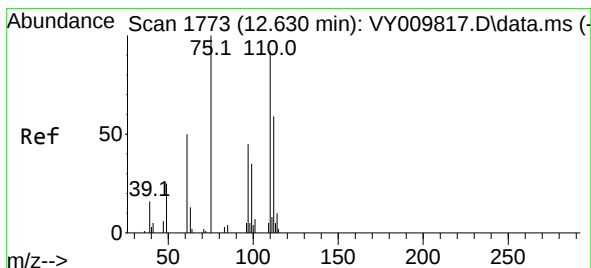
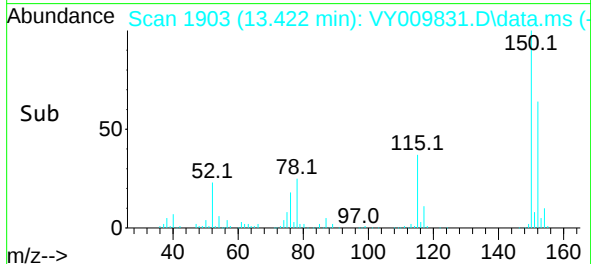
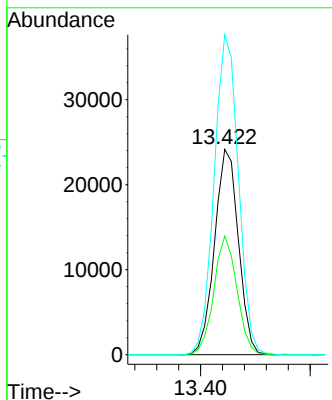
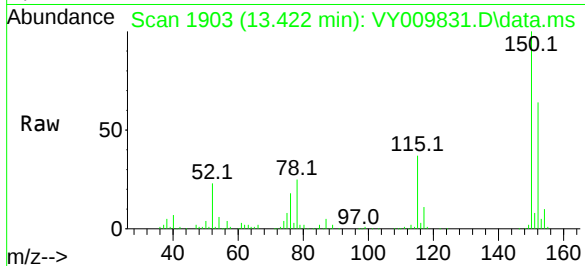




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

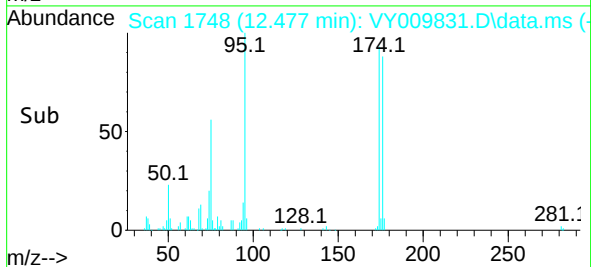
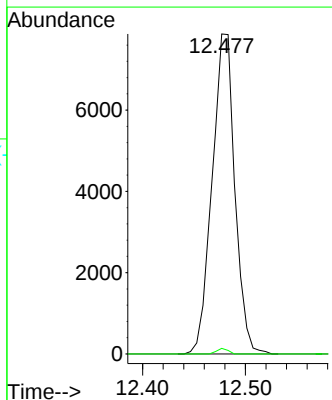
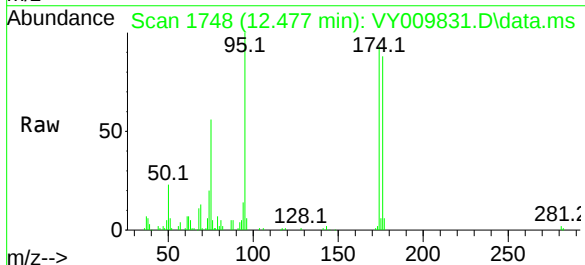
Instrument :
MSVOA_Y
ClientSampleId :
RVE-164

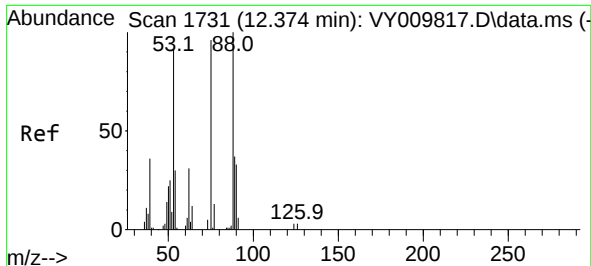
Tgt Ion:152 Resp: 36526
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 158.5 0.0 354.2



#76
1,2,3-Trichloropropane
Concen: 28.974 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Tgt Ion: 75 Resp: 12106
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#

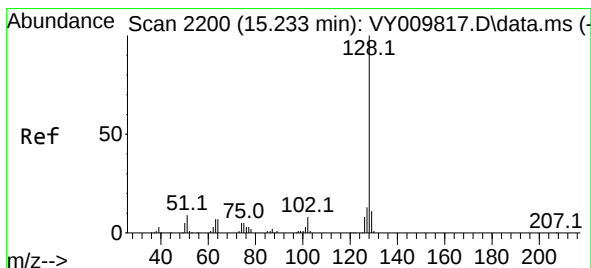
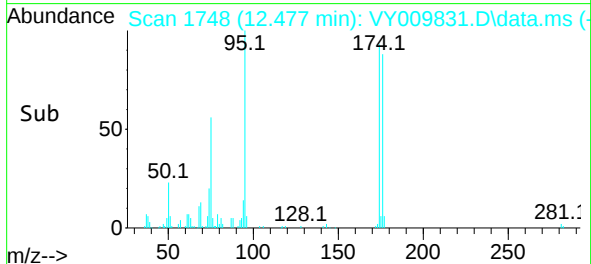
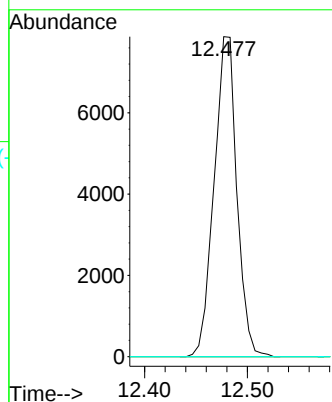
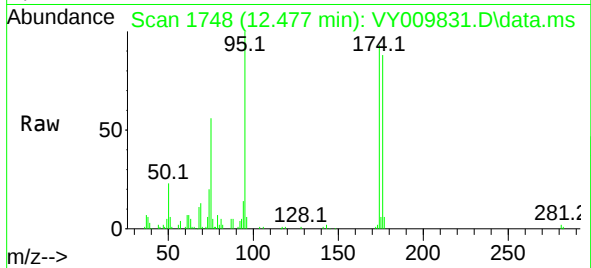




#81
trans-1,4-Dichloro-2-butene
Concen: 62.183 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Instrument :
MSVOA_Y
ClientSampleId :
RVE-164

Tgt Ion: 75 Resp: 12106
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.493 ug/l
RT: 15.226 min Scan# 2199
Delta R.T. -0.007 min
Lab File: VY009831.D
Acq: 04 Aug 2022 14:47

Tgt Ion: 128 Resp: 119
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

