

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009829.D
 Acq On : 04 Aug 2022 14:00
 Operator : KP/MD
 Sample : N3760-04RE
 Misc : 3.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-152

Quant Time: Aug 05 01:43:17 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)

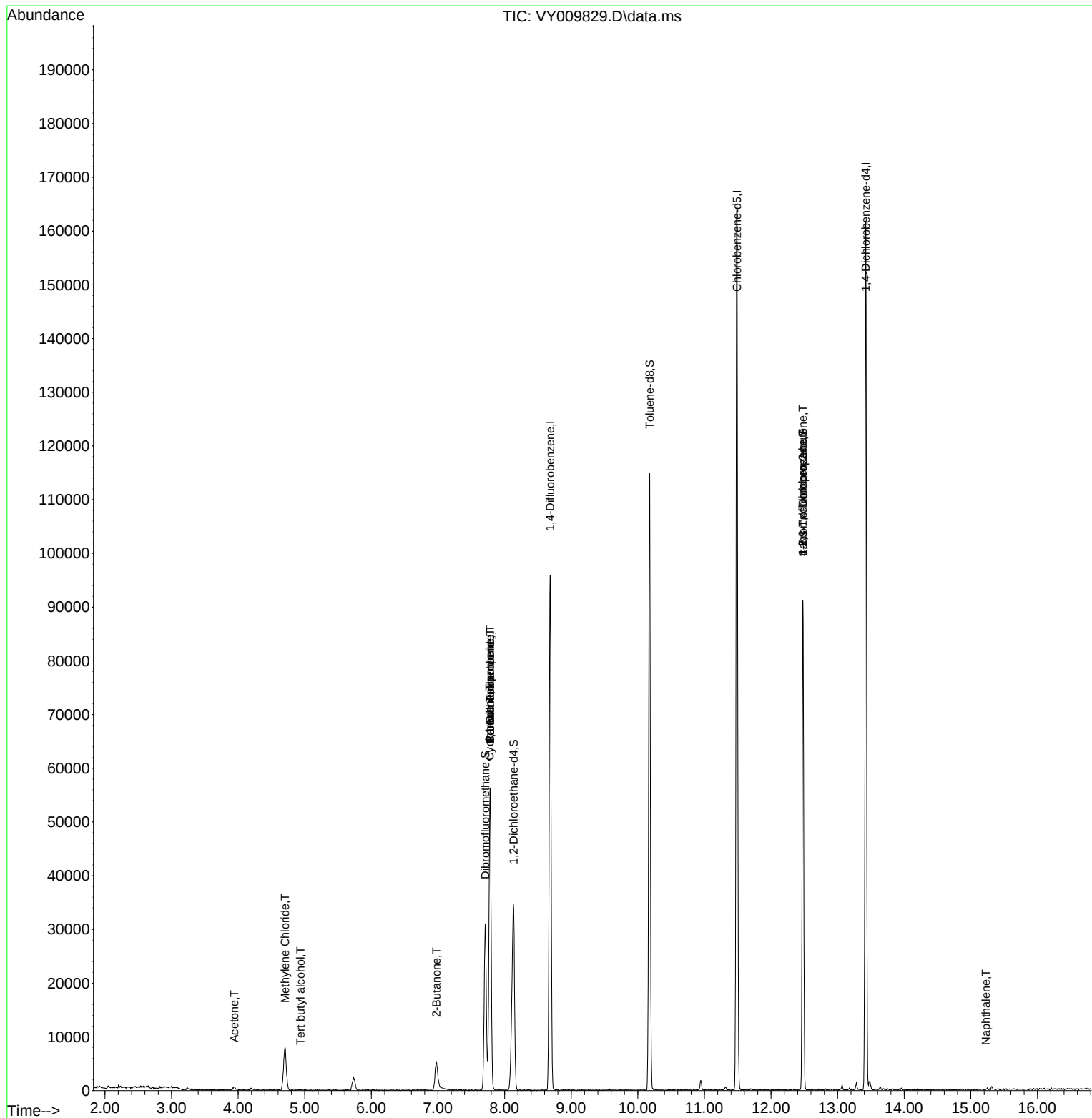
Internal Standards						
1) Pentafluorobenzene	7.783	168	43428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	81320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	89591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22462	64.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.400%
35) Dibromofluoromethane	7.710	113	20761	41.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.740%
50) Toluene-d8	10.179	98	73302	50.415	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.477	95	26068	38.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.660%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	241	Below Cal	#	42
5) Bromomethane	2.650	94	93	Below Cal		88
11) Tert butyl alcohol	4.936	59	62	1.345	ug/l #	78
16) Acetone	3.942	43	1072	8.720	ug/l #	87
20) Methylene Chloride	4.704	84	5628	2.350	ug/l	92
25) 2-Butanone	6.978	43	436	2.168	ug/l #	53
31) Cyclohexane	7.777	56	986	1.200	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	3384	4.114	ug/l #	48
38) Carbon Tetrachloride	7.783	117	4024	4.651	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14323	30.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14323	66.390	ug/l #	12
95) Naphthalene	15.227	128	115	5.484	ug/l #	69

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

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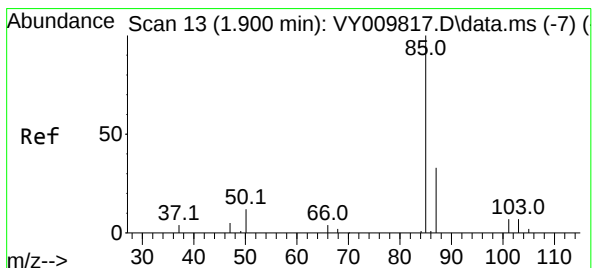
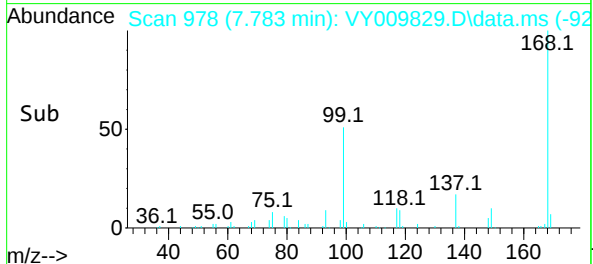
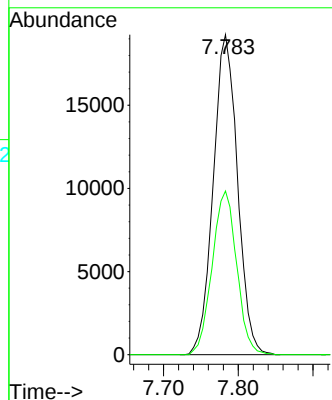
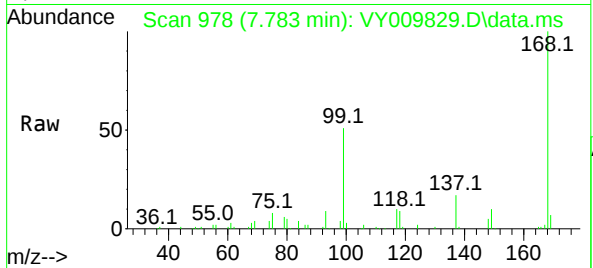




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

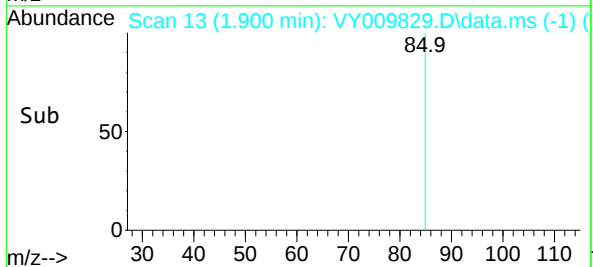
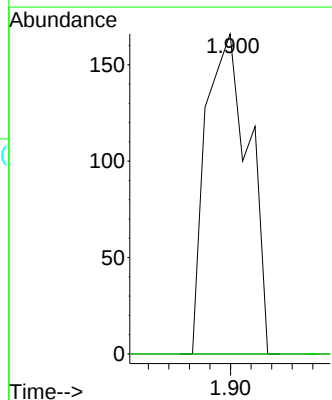
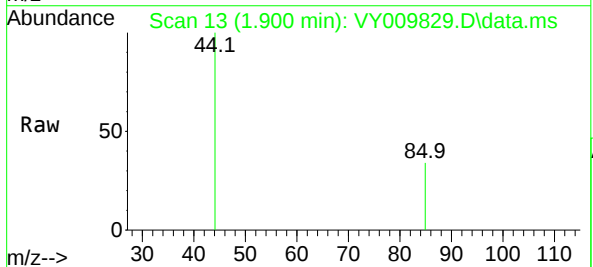
Instrument :
MSVOA_Y
ClientSampleId :
RVE-152

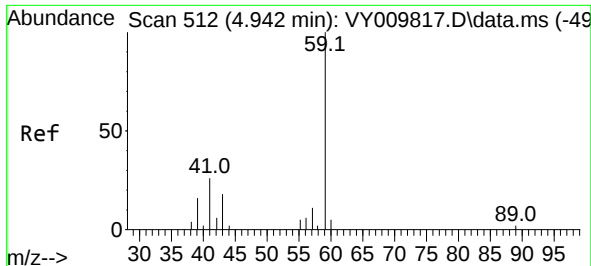
Tgt Ion:168 Resp: 43428
Ion Ratio Lower Upper
168 100
99 51.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 85 Resp: 241
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#





#11

Tert butyl alcohol

Concen: 1.345 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009829.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

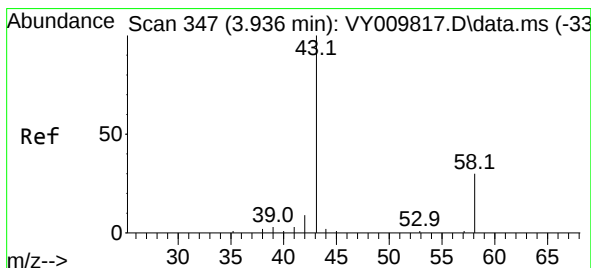
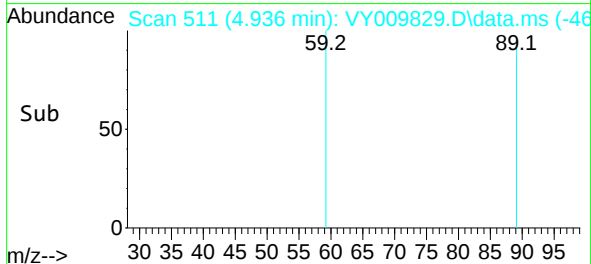
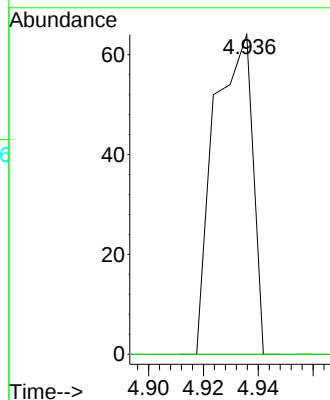
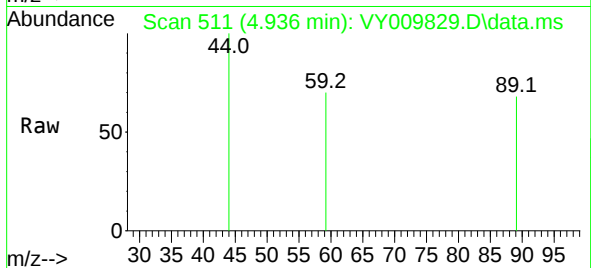
RVE-152

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.2#



#16

Acetone

Concen: 8.720 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009829.D

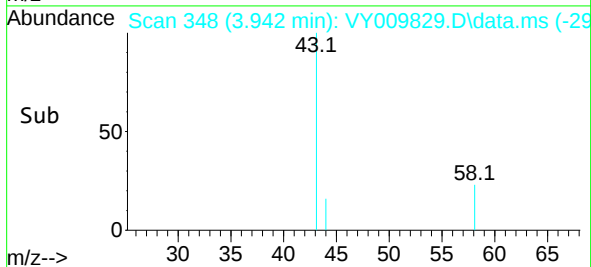
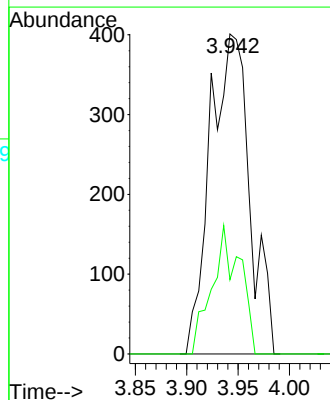
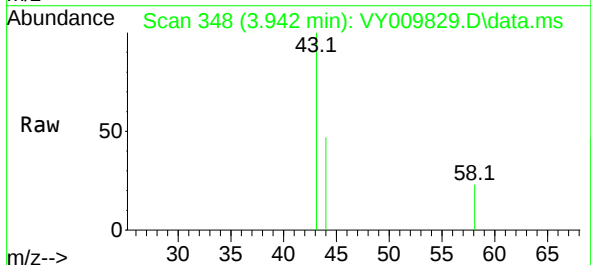
Acq: 04 Aug 2022 14:00

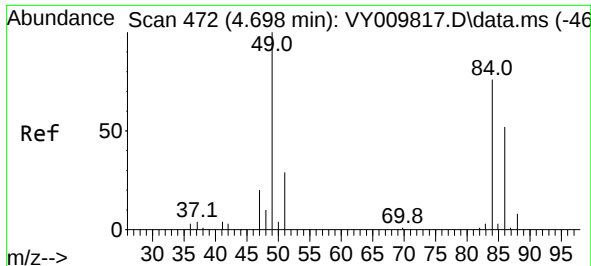
Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

58 23.2 24.1 36.1#

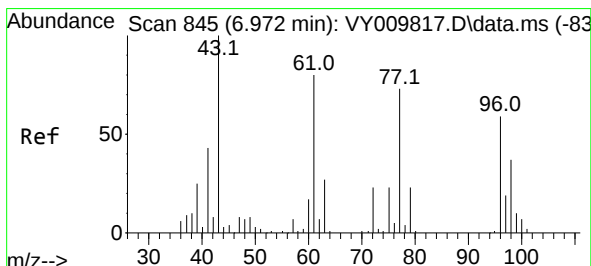
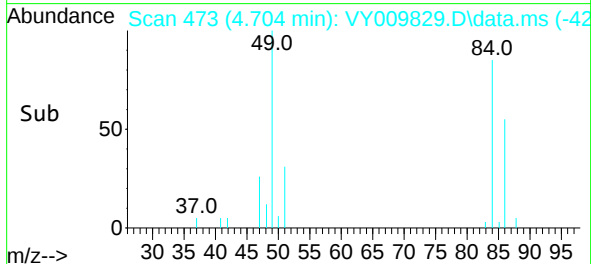
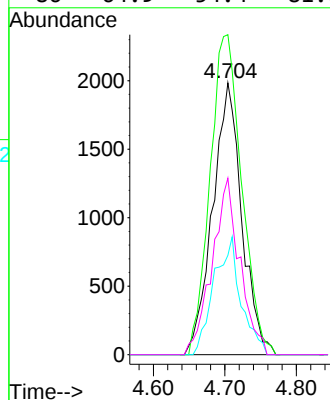
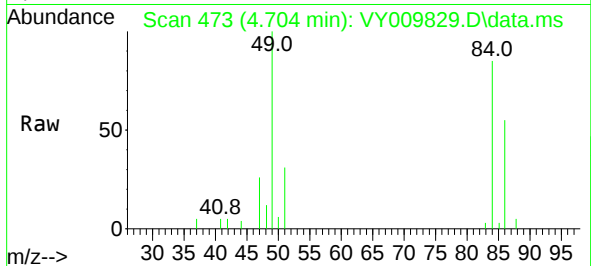




#20
Methylene Chloride
Concen: 2.350 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

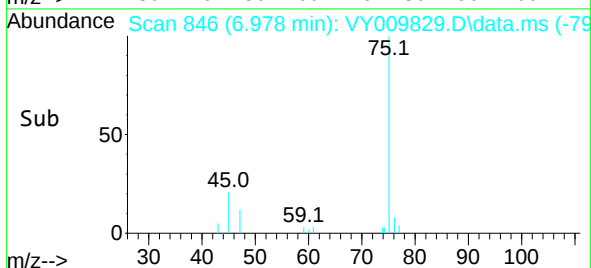
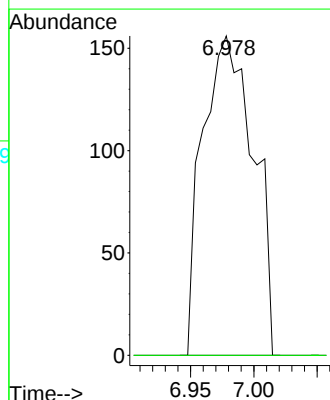
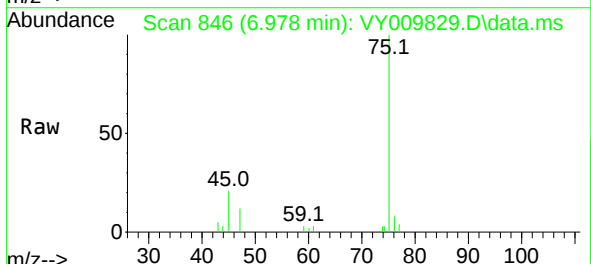
Instrument :
MSVOA_Y
ClientSampleId :
RVE-152

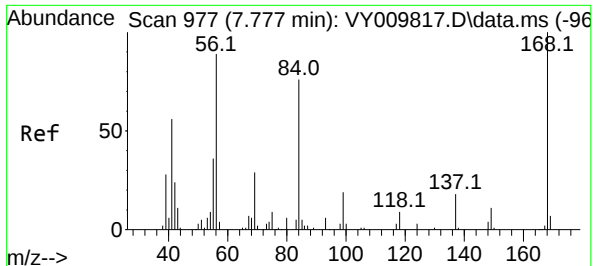
Tgt Ion: 84	Resp: 5628
Ion Ratio	Lower Upper
84	100
49	117.7 104.6 156.8
51	36.5 30.9 46.3
86	64.9 54.4 81.6



#25
2-Butanone
Concen: 2.168 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 43	Resp: 436
Ion Ratio	Lower Upper
43	100
72	0.0 18.2 27.4#

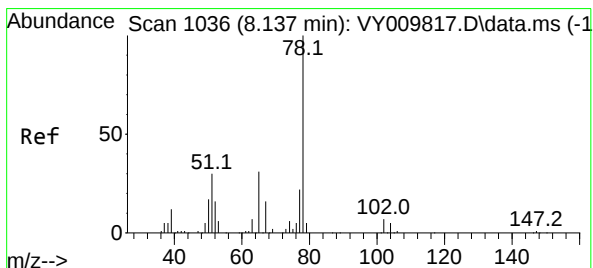
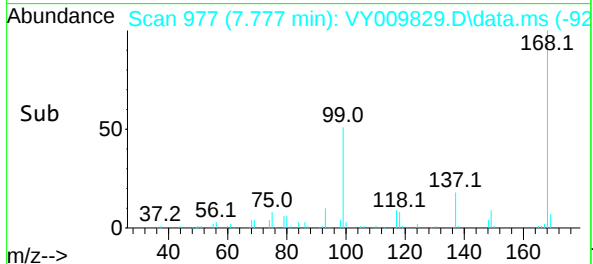
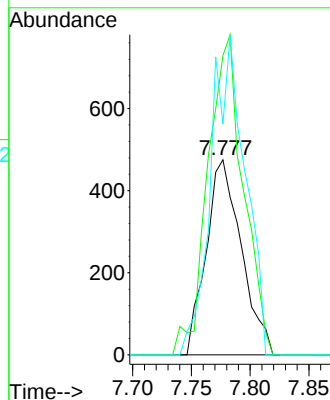
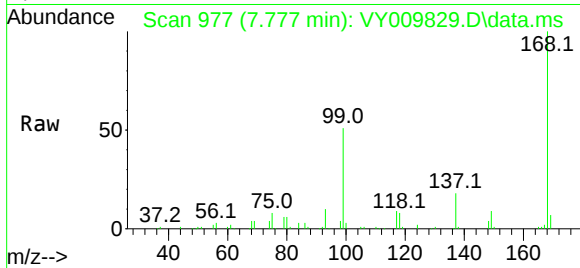




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

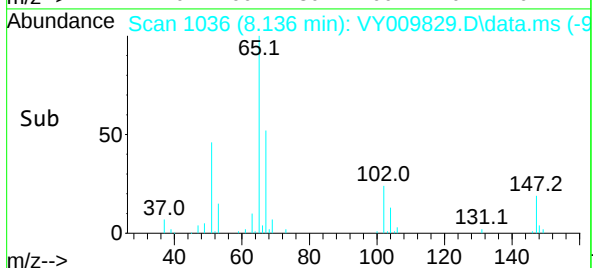
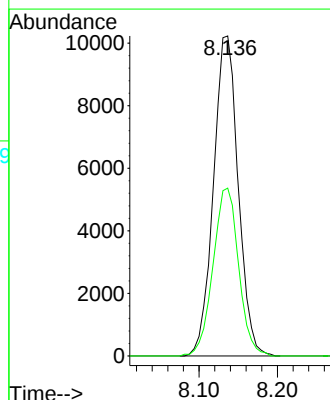
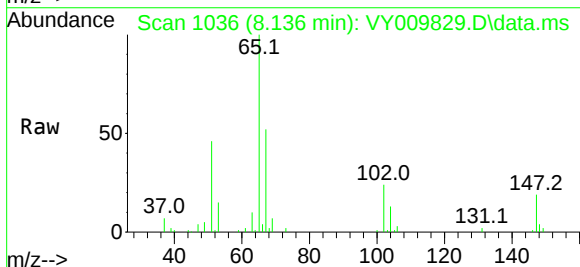
Instrument :
MSVOA_Y
ClientSampleId :
RVE-152

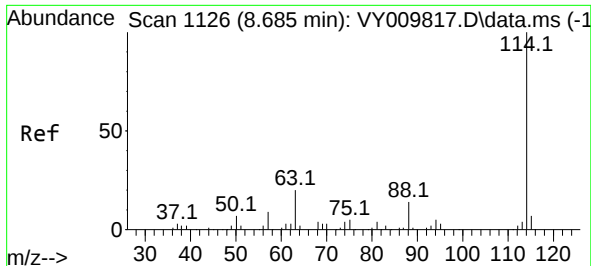
Tgt Ion: 56 Resp: 986
Ion Ratio Lower Upper
56 100
69 153.5 25.8 38.8#
84 118.5 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 64.703 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 65 Resp: 22462
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.4

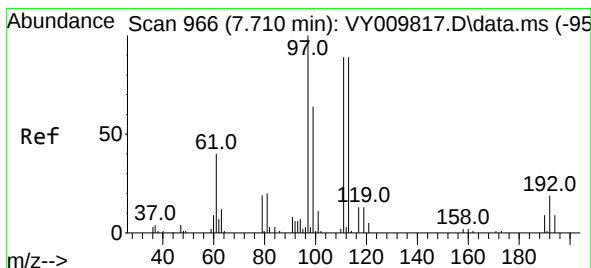
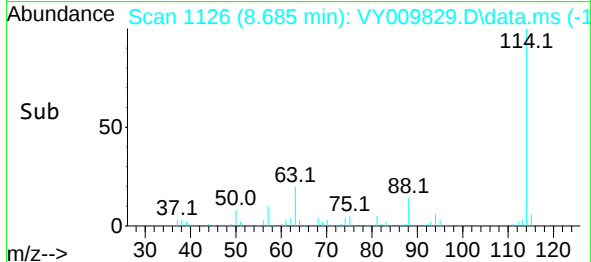
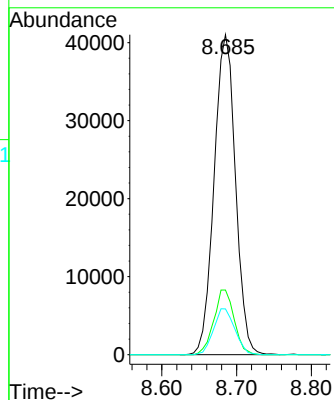
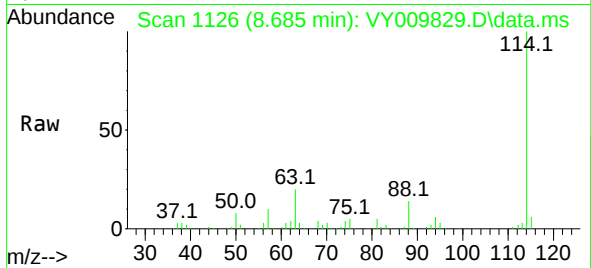




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

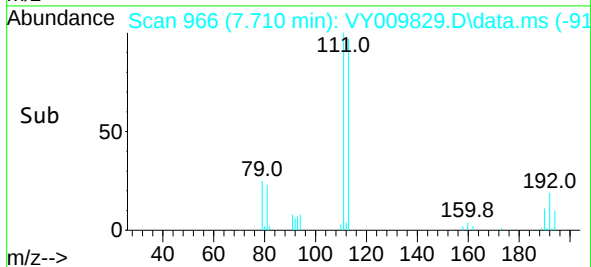
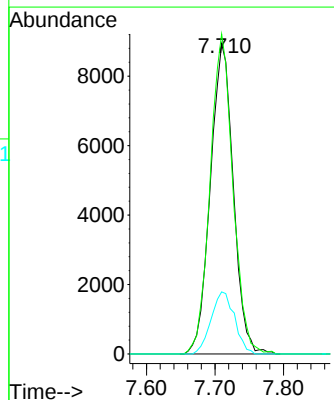
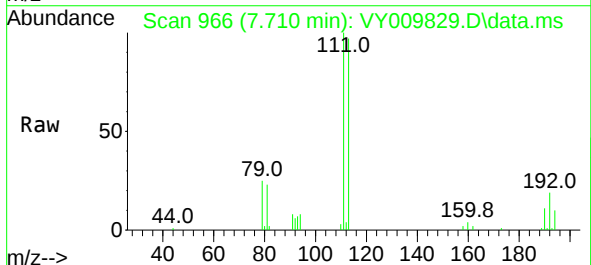
Instrument :
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RVE-152

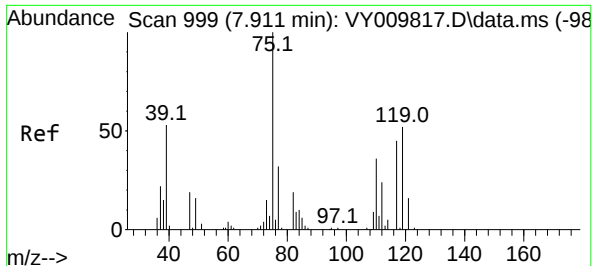
Tgt Ion:114 Resp: 81320
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 14.3 0.0 27.6



#35
Dibromofluoromethane
Concen: 41.872 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Tgt Ion:113 Resp: 20761
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 20.4 16.5 24.7





#36

1,1-Dichloropropene

Concen: 4.114 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009829.D

Acq: 04 Aug 2022 14:00

Instrument :

MSVOA_Y

ClientSampleId :

RVE-152

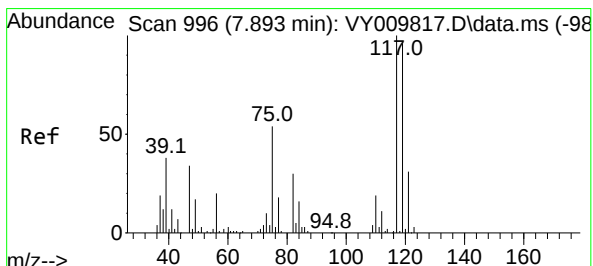
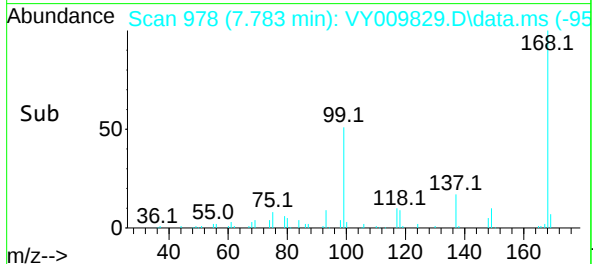
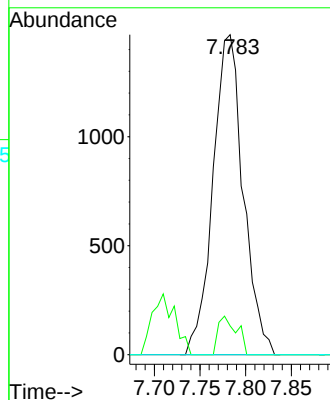
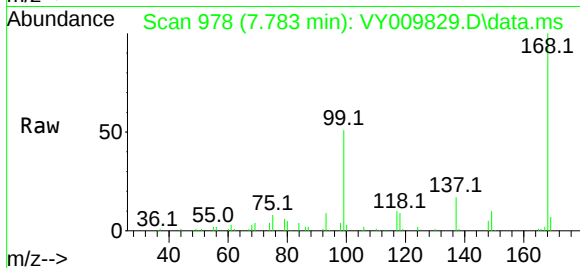
Tgt Ion: 75 Resp: 3384

Ion Ratio Lower Upper

75 100

110 7.4 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.651 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009829.D

Acq: 04 Aug 2022 14:00

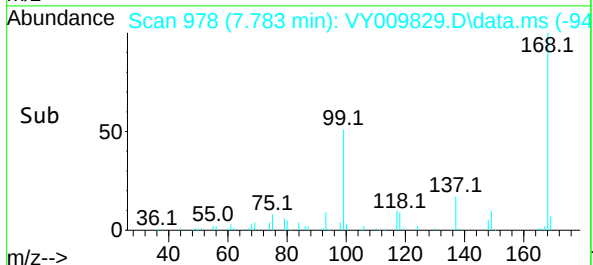
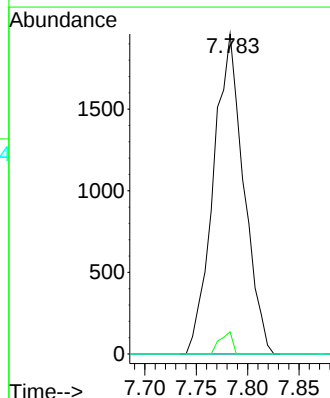
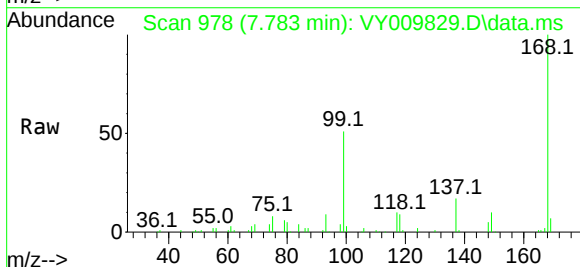
Tgt Ion: 117 Resp: 4024

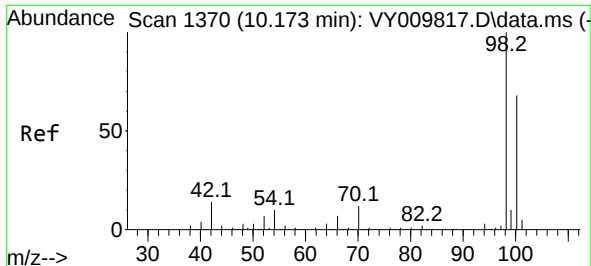
Ion Ratio Lower Upper

117 100

119 6.9 76.8 115.2#

121 0.0 24.9 37.3#

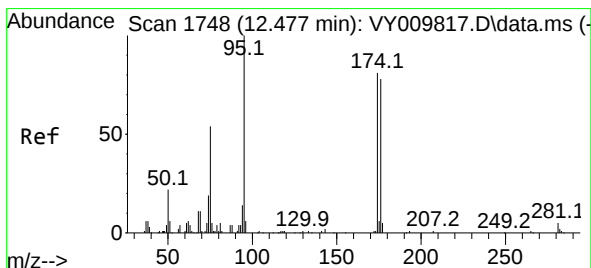
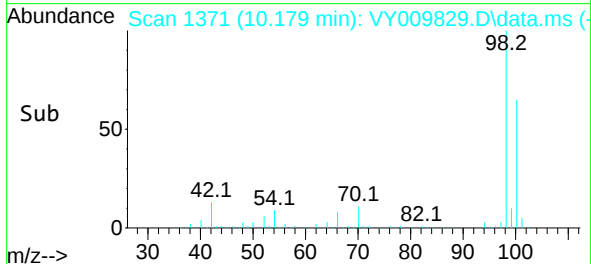
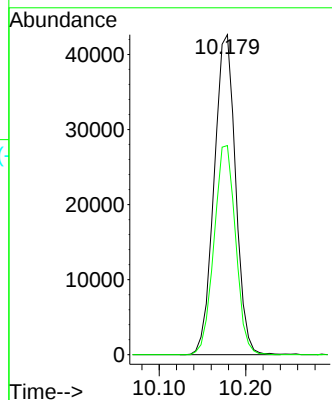
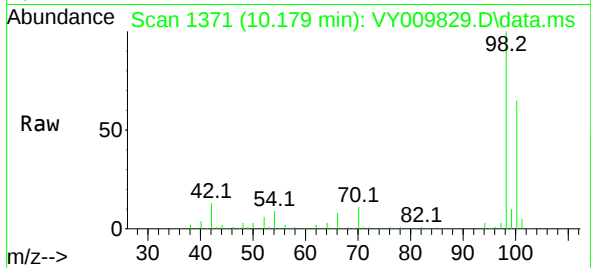




#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

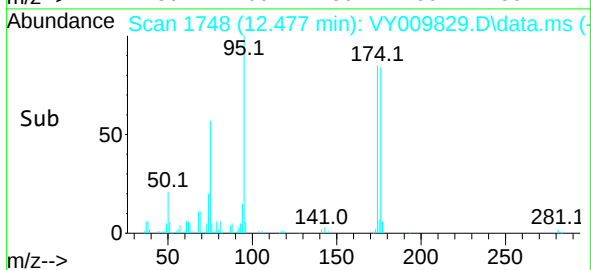
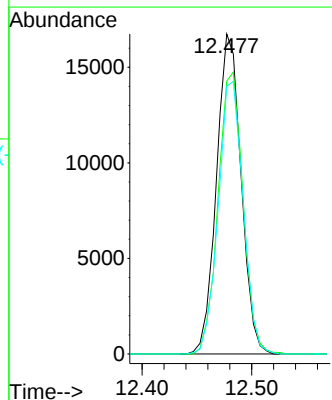
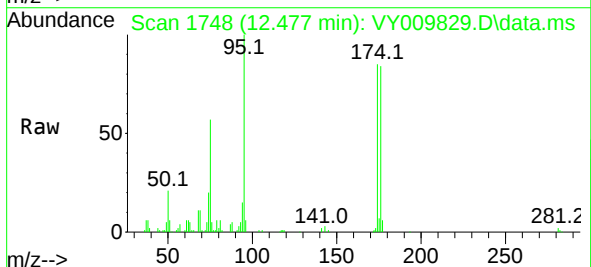
Instrument :
MSVOA_Y
ClientSampleId :
RVE-152

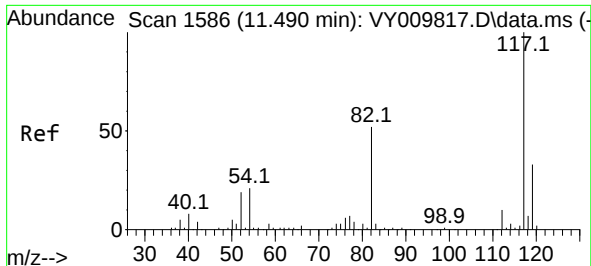
Tgt Ion: 98 Resp: 73302
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 38.826 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Tgt Ion: 95 Resp: 26068
Ion Ratio Lower Upper
95 100
174 89.4 0.0 168.6
176 86.5 0.0 163.6

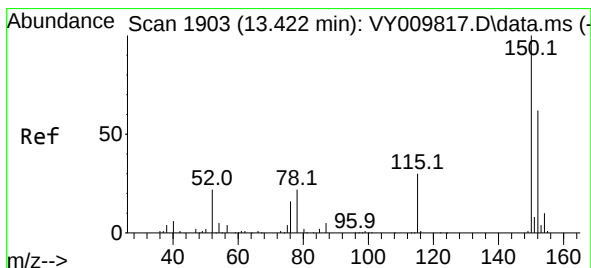
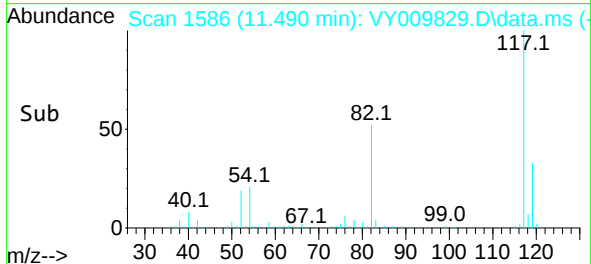
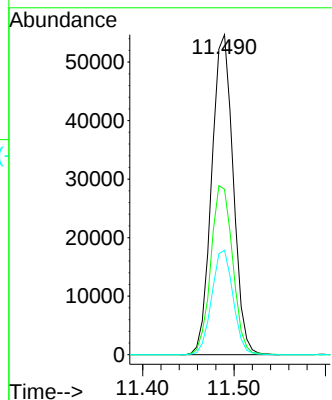
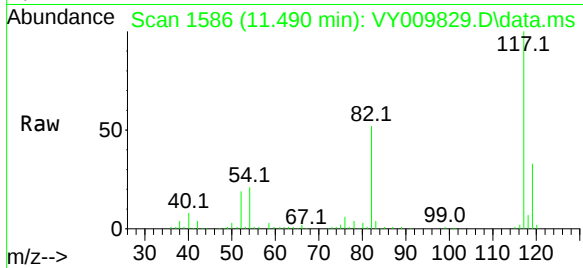




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

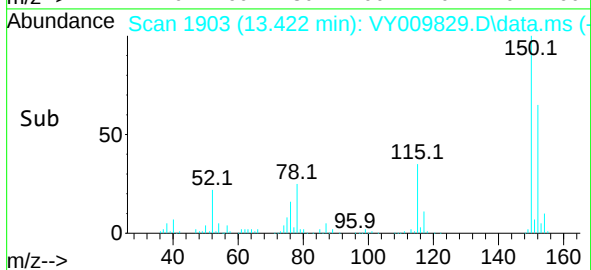
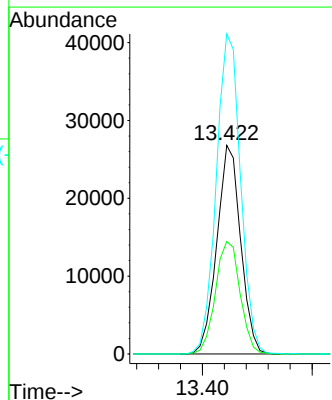
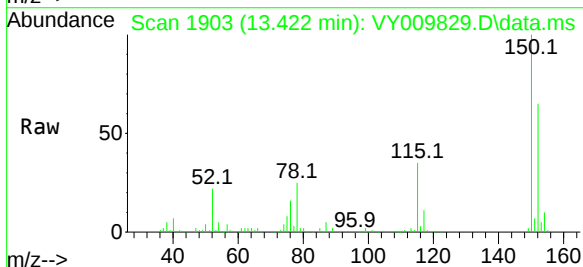
Instrument :
MSVOA_Y
ClientSampleId :
RVE-152

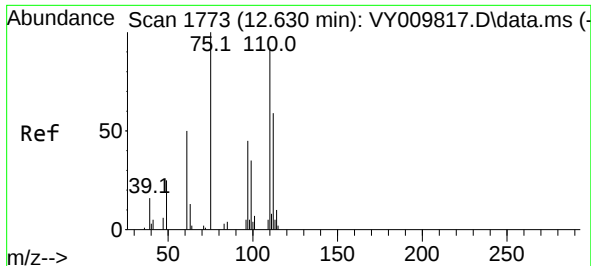
Tgt Ion:117 Resp: 89591
Ion Ratio Lower Upper
117 100
82 51.6 41.7 62.5
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Tgt Ion:152 Resp: 40477
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 156.5 0.0 354.2

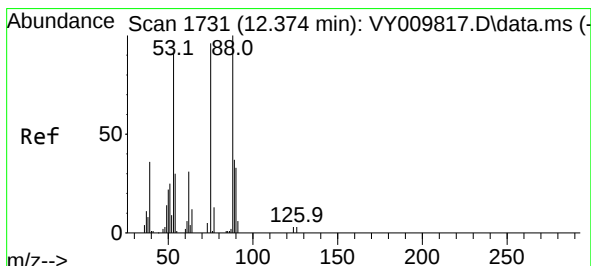
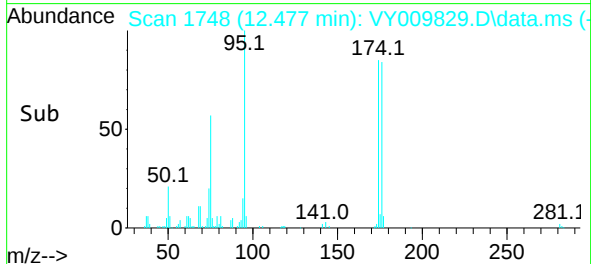
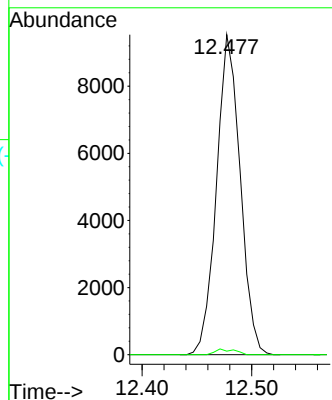
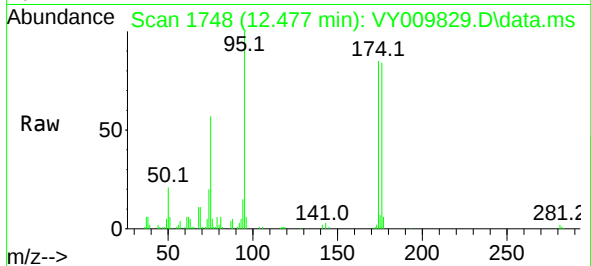




#76
1,2,3-Trichloropropane
Concen: 30.933 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

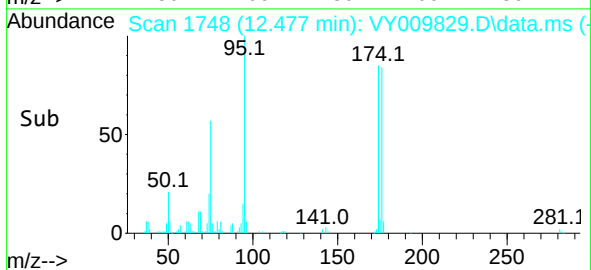
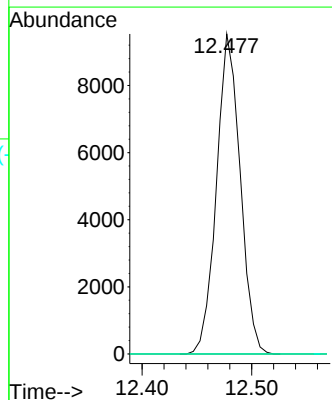
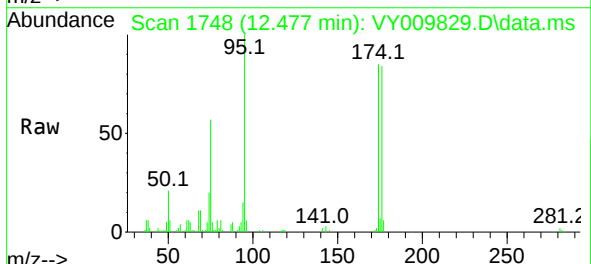
Instrument :
MSVOA_Y
ClientSampleId :
RVE-152

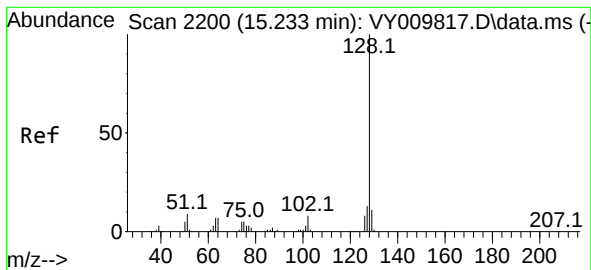
Tgt Ion: 75 Resp: 14323
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.390 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

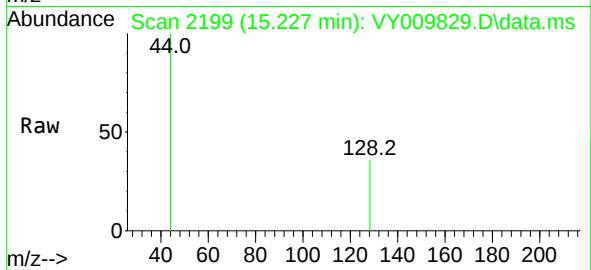
Tgt Ion: 75 Resp: 14323
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 5.484 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY009829.D
Acq: 04 Aug 2022 14:00

Instrument :
MSVOA_Y
ClientSampleId :
RVE-152



Tgt Ion:128 Resp: 115
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

