

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009761.D
 Acq On : 28 Jul 2022 19:10
 Operator : KP/MD
 Sample : N3930-03
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-96

Quant Time: Jul 29 02:58:18 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)

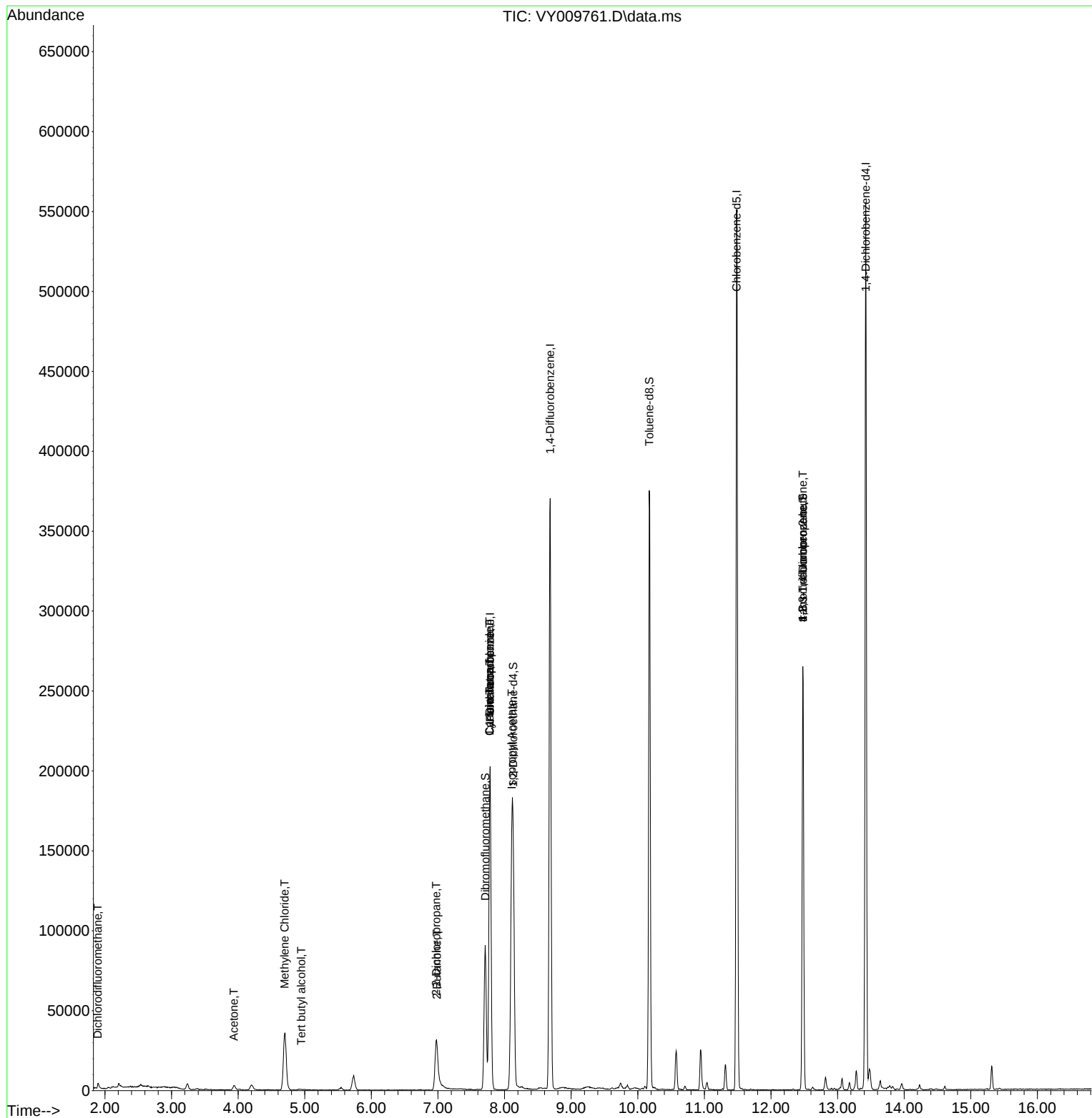
Internal Standards						
1) Pentafluorobenzene	7.783	168	166484	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	332868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	313342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	72347	67.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.100%
35) Dibromofluoromethane	7.710	113	62476	34.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.020%
50) Toluene-d8	10.173	98	250503	47.281	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.477	95	71877	29.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	59.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	2609	1.760	ug/l	93
11) Tert butyl alcohol	4.948	59	792	4.034	ug/l	# 77
16) Acetone	3.936	43	5160	12.963	ug/l	# 87
18) Methyl Acetate	4.448	43	222	Below Cal	#	56
20) Methylene Chloride	4.698	84	27481	5.826	ug/l	# 83
25) 2-Butanone	6.984	43	2099	3.574	ug/l	99
26) 2,2-Dichloropropane	6.972	77	2809	1.071	ug/l	# 55
31) Cyclohexane	7.777	56	3074	1.160	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	11539	3.917	ug/l	# 51
38) Carbon Tetrachloride	7.777	117	15155	4.801	ug/l	# 18
43) Isopropyl Acetate	8.106	43	3150	1.033	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	36794	27.317	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	36794	54.450	ug/l	# 7

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

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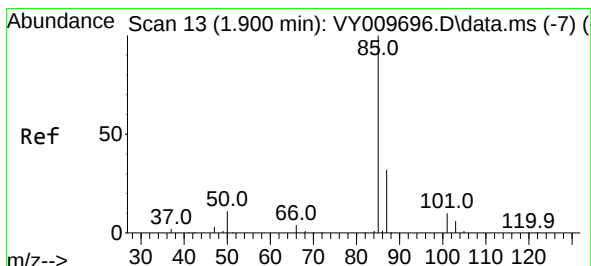
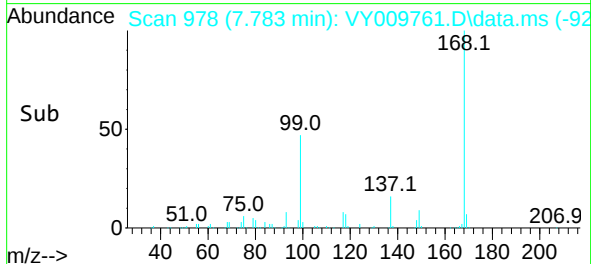
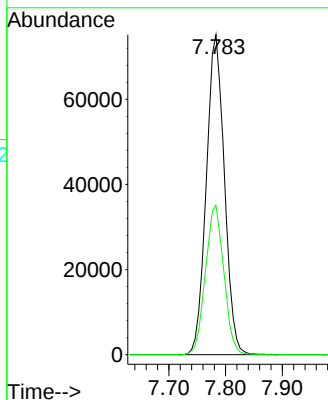
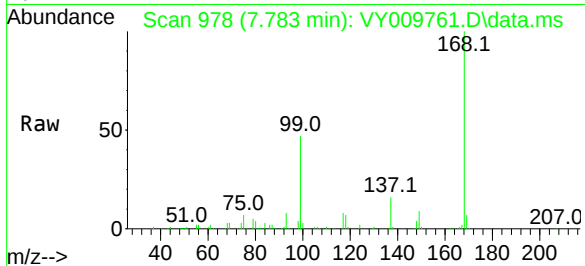




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

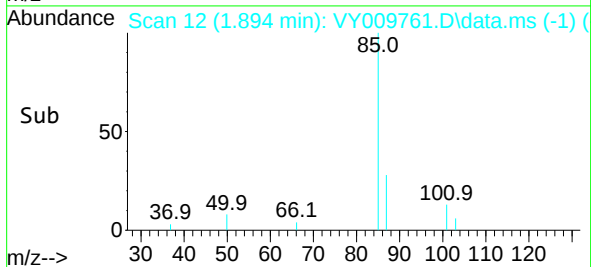
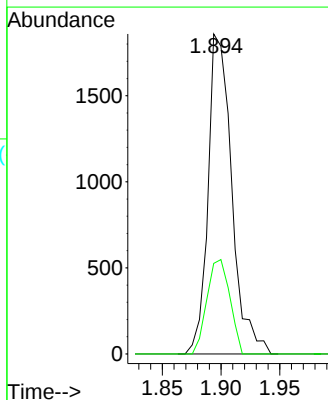
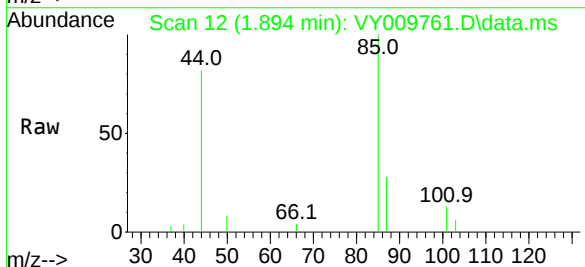
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

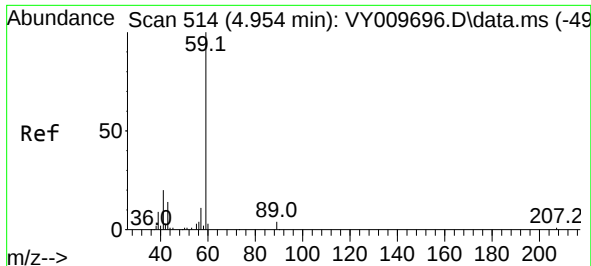
Tgt Ion:168 Resp: 166484
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 1.760 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 85 Resp: 2609
Ion Ratio Lower Upper
85 100
87 28.3 16.1 48.2

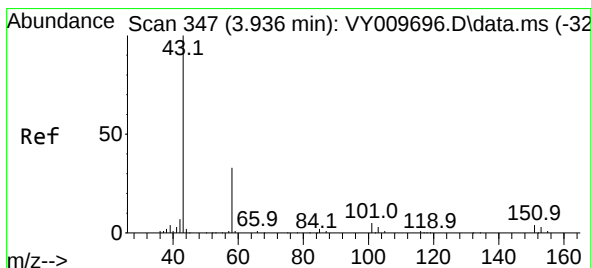
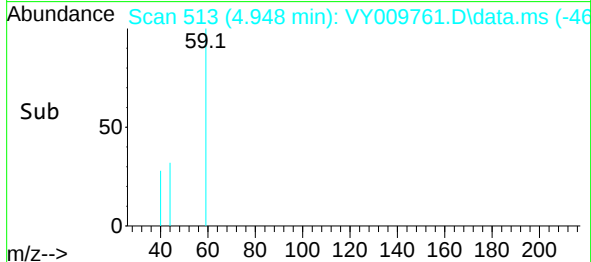
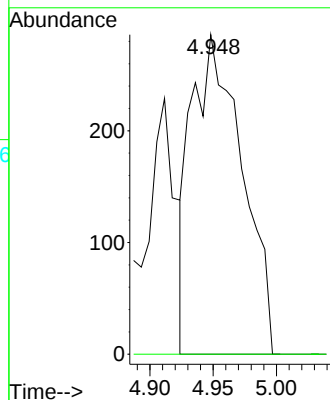
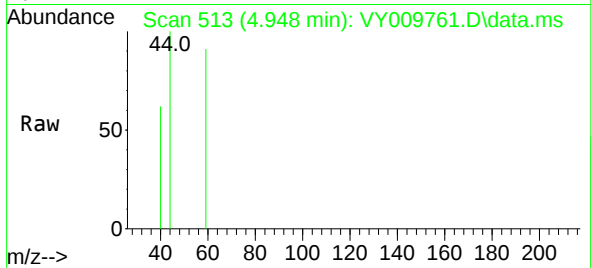




#11
Tert butyl alcohol
Concen: 4.034 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

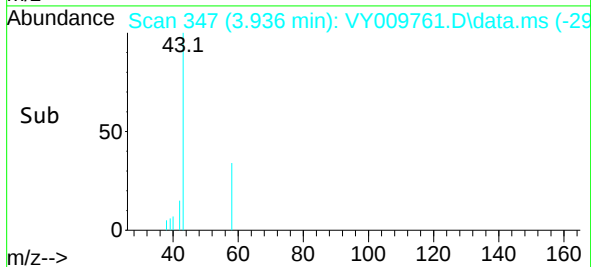
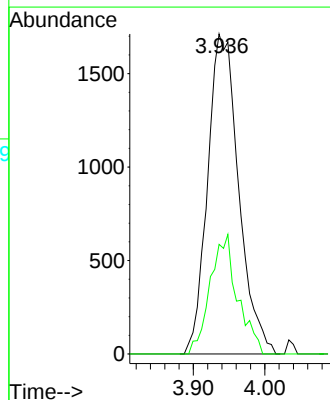
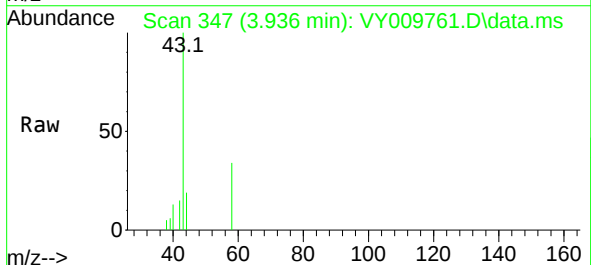
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

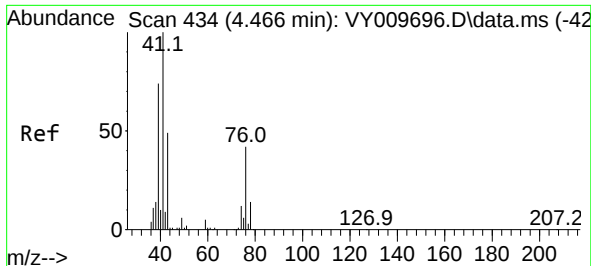
Tgt Ion: 59 Resp: 792
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 12.963 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 43 Resp: 5160
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#

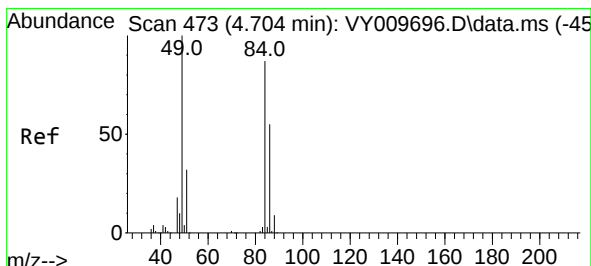
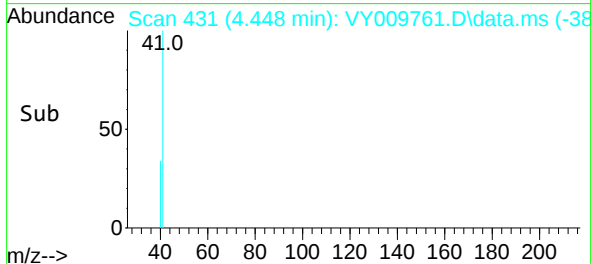
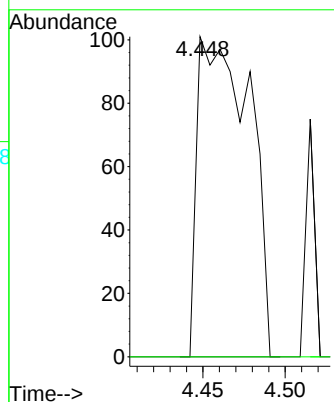
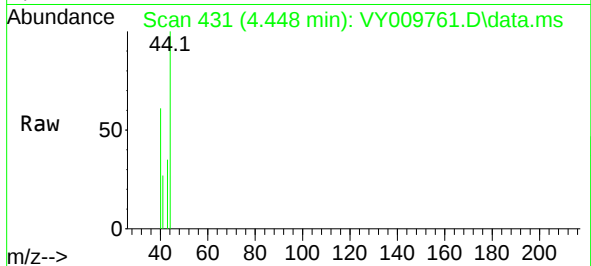




#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

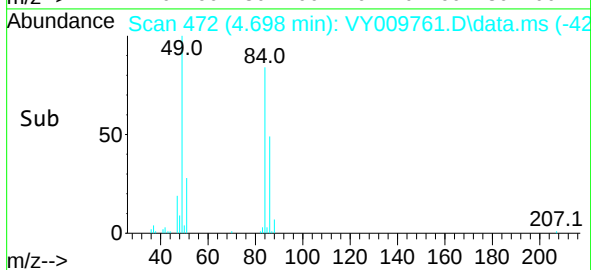
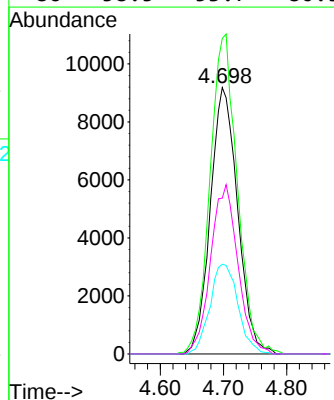
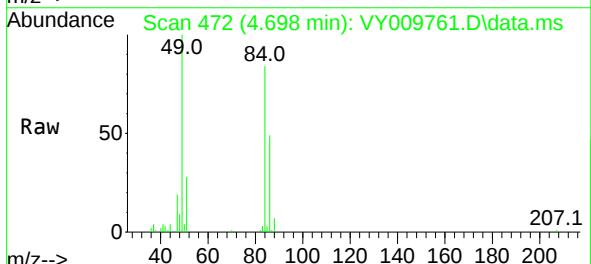
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

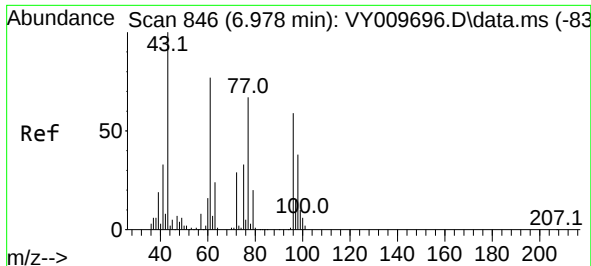
Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 5.826 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 84 Resp: 27481
Ion Ratio Lower Upper
84 100
49 117.9 114.4 171.6
51 33.7 35.3 52.9#
86 58.5 53.7 80.5

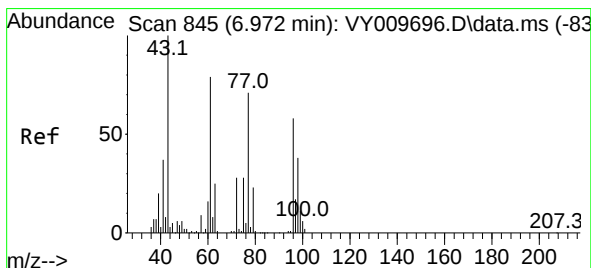
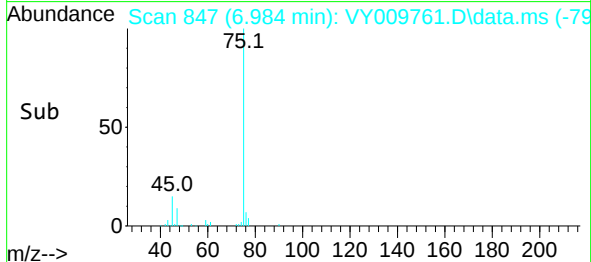
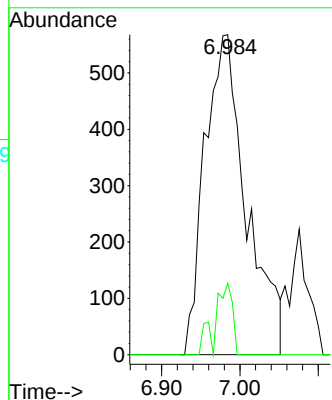
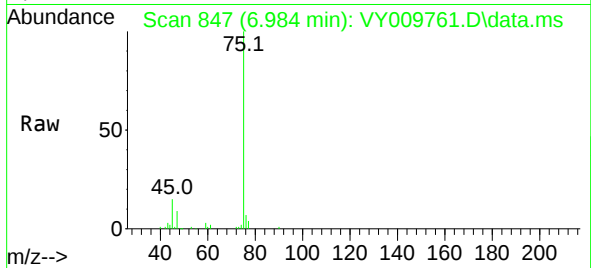




#25
2-Butanone
Concen: 3.574 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

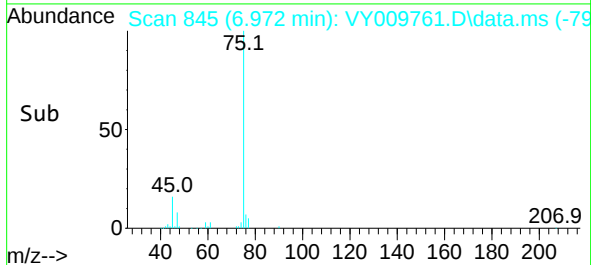
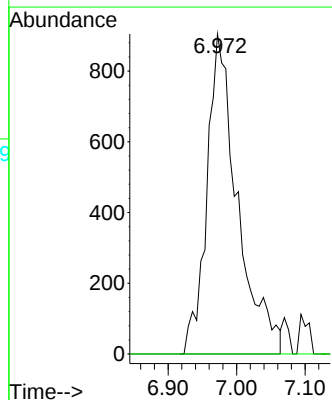
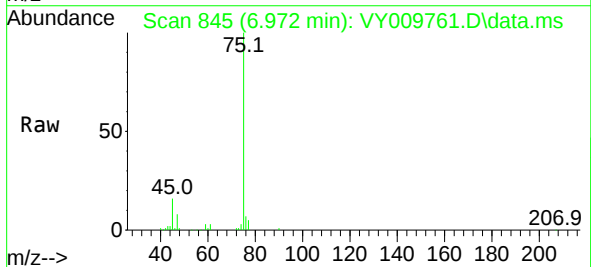
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

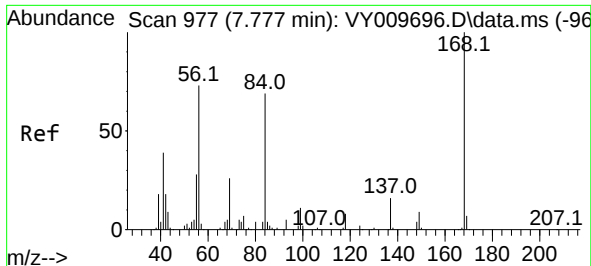
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
72 22.4 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.071 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 77 Resp: 2809
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

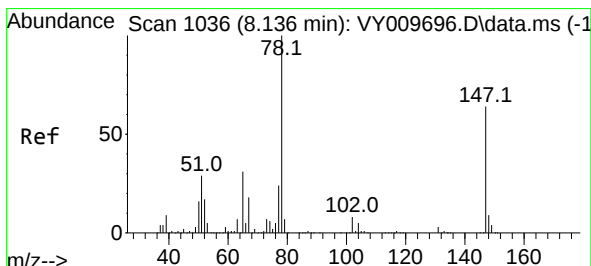
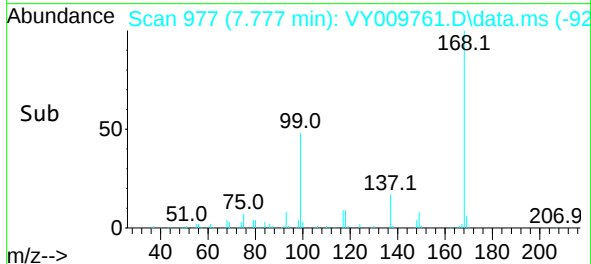
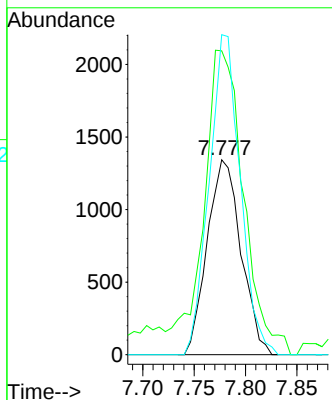
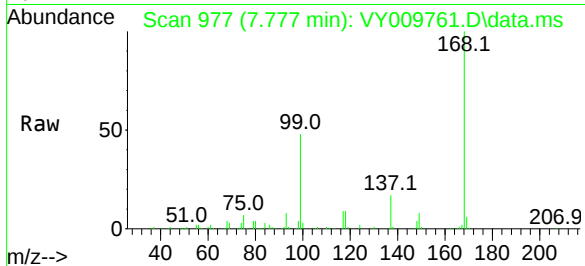




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

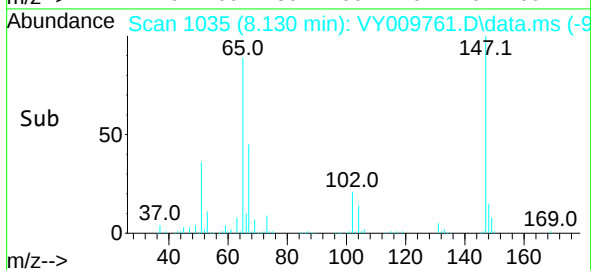
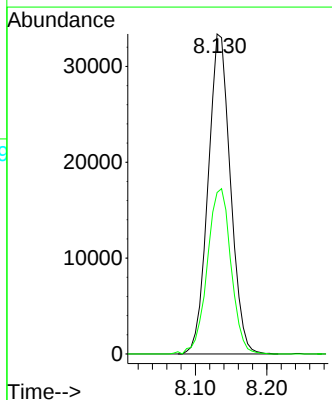
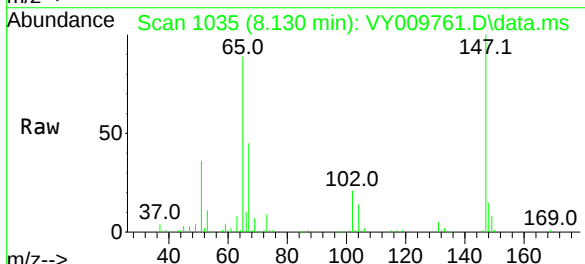
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MSVOA_Y
ClientSampleId :
RVE-96

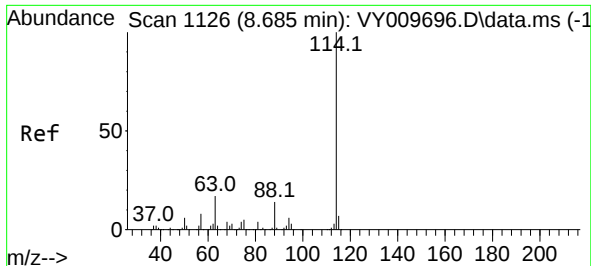
Tgt Ion: 56 Resp: 3074
Ion Ratio Lower Upper
56 100
69 145.8 26.7 40.1#
84 164.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 67.048 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 65 Resp: 72347
Ion Ratio Lower Upper
65 100
67 55.0 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: VY009761.D

Acq: 28 Jul 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

RVE-96

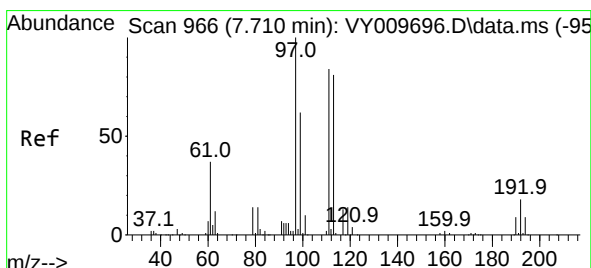
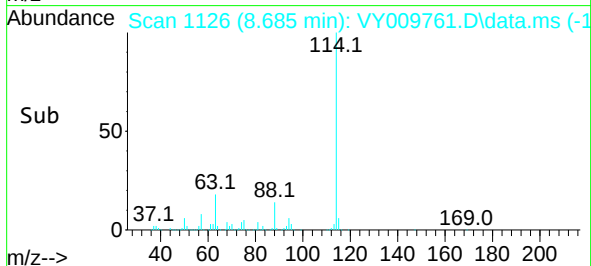
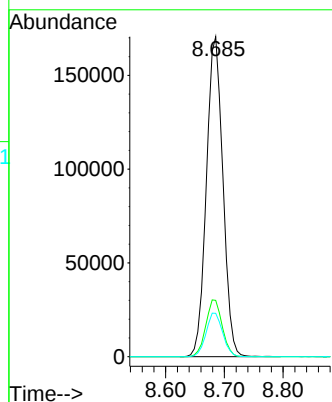
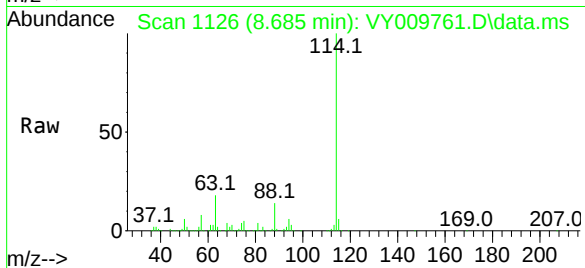
Tgt Ion:114 Resp: 332868

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.510 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009761.D

Acq: 28 Jul 2022 19:10

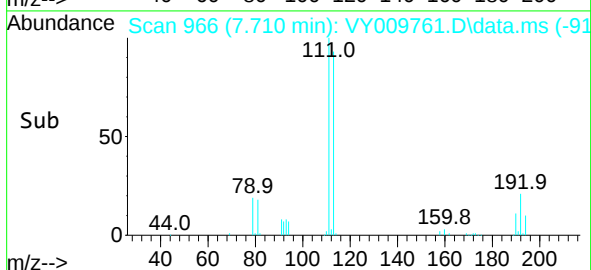
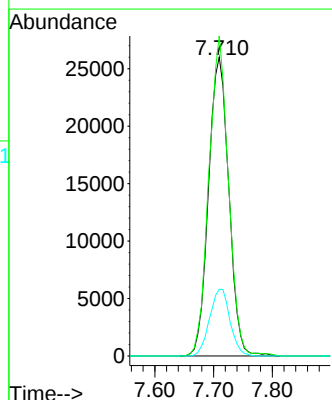
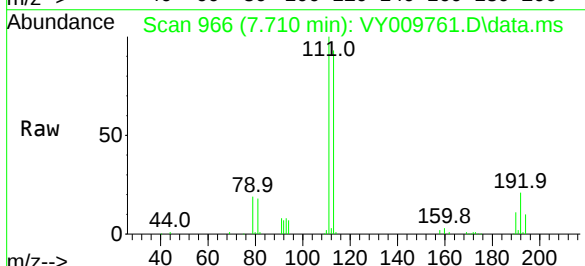
Tgt Ion:113 Resp: 62476

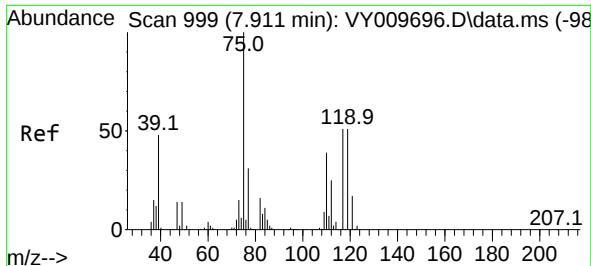
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 22.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.917 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY009761.D

Acq: 28 Jul 2022 19:10

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RVE-96

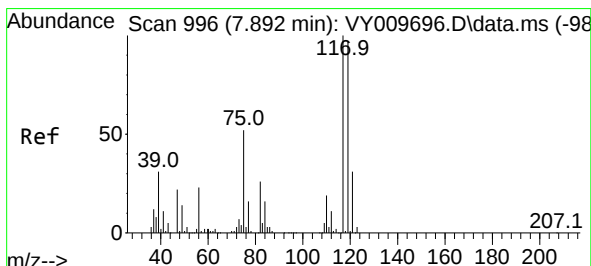
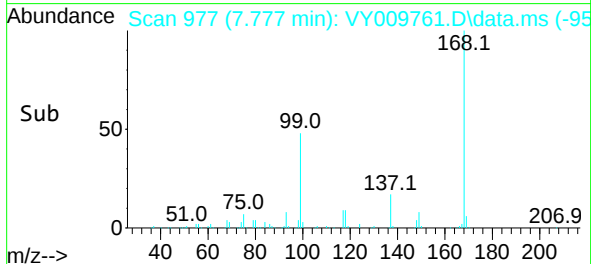
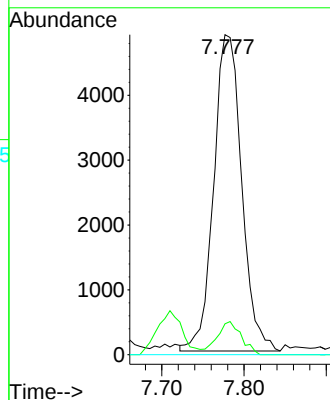
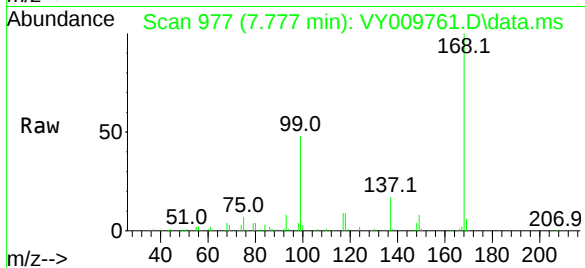
Tgt Ion: 75 Resp: 11539

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.801 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.115 min

Lab File: VY009761.D

Acq: 28 Jul 2022 19:10

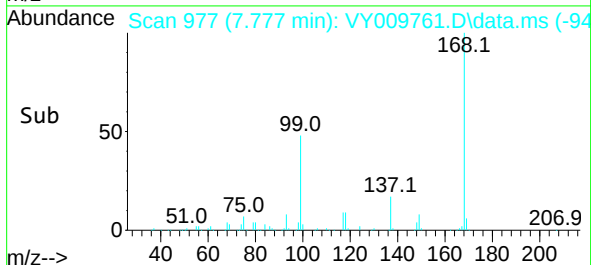
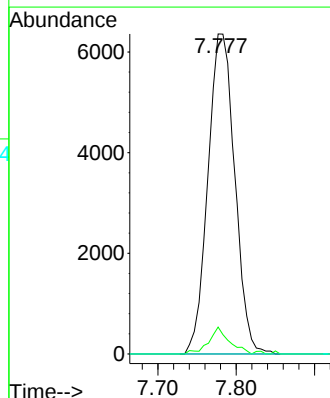
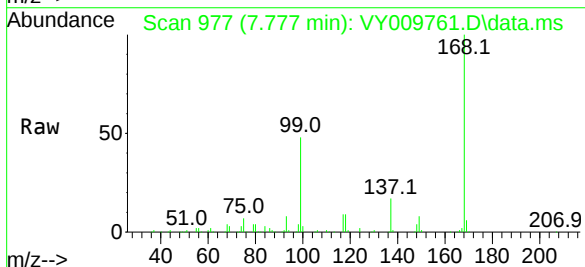
Tgt Ion: 117 Resp: 15155

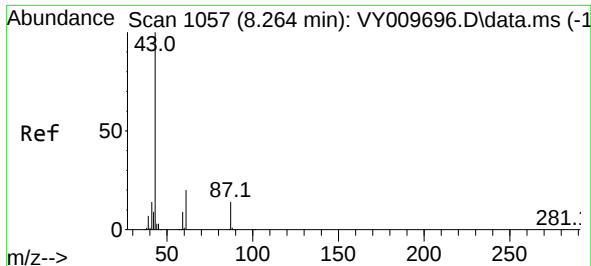
Ion Ratio Lower Upper

117 100

119 8.4 77.9 116.9#

121 0.0 24.8 37.2#

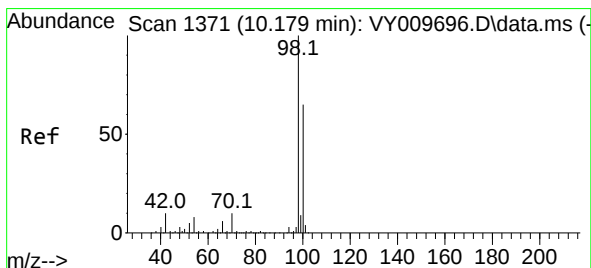
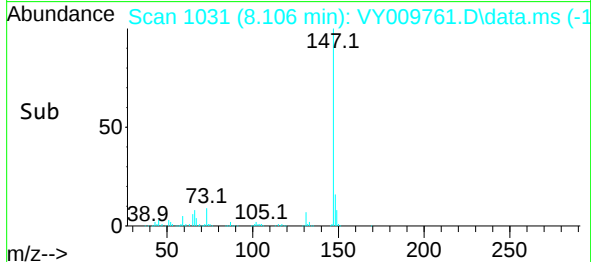
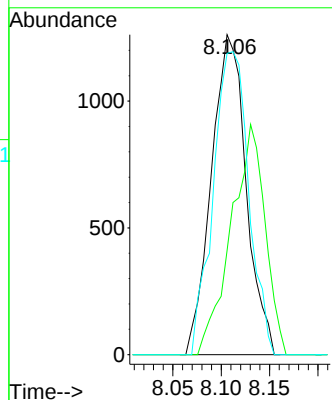
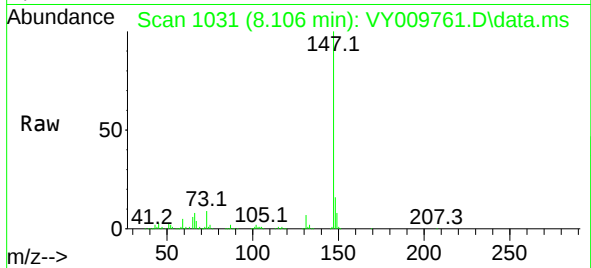




#43
Isopropyl Acetate
Concen: 1.033 ug/l
RT: 8.106 min Scan# 110
Delta R.T. -0.158 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

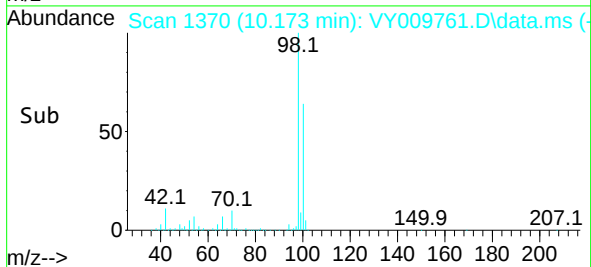
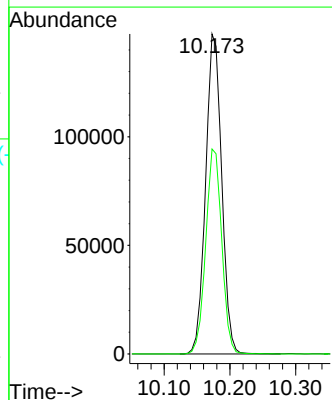
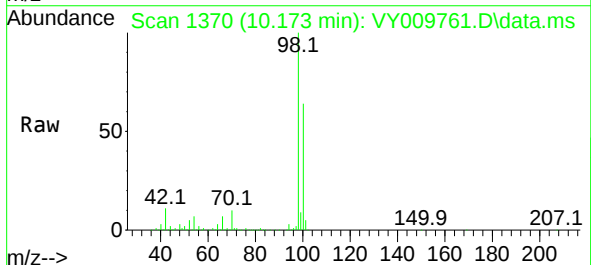
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

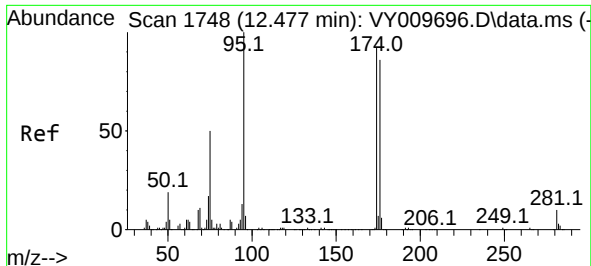
Tgt Ion: 43 Resp: 3150
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 97.0 8.9 13.3#



#50
Toluene-d8
Concen: 47.281 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 98 Resp: 250503
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

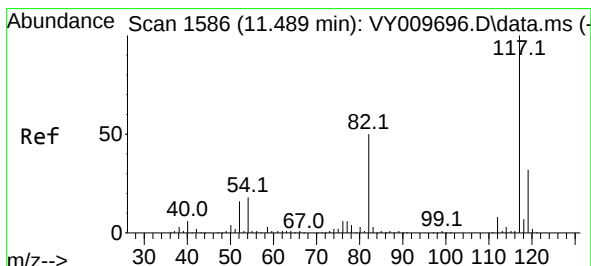
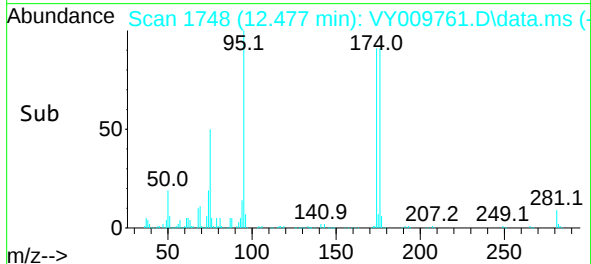
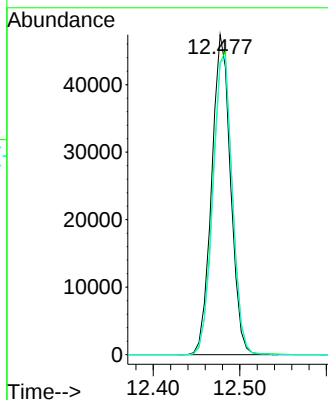
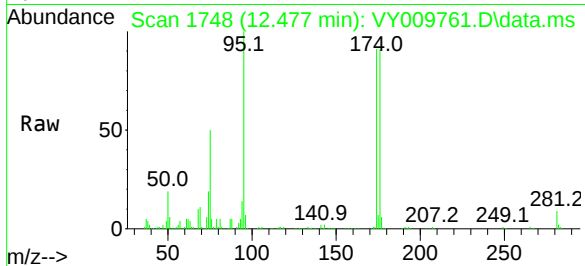




#62
4-Bromofluorobenzene
Concen: 29.942 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

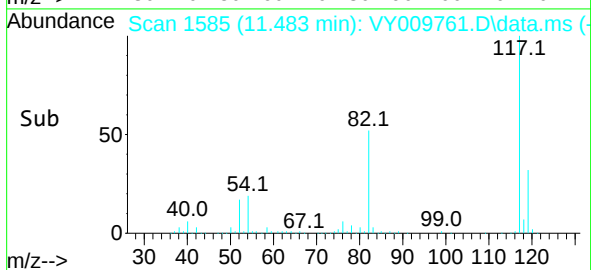
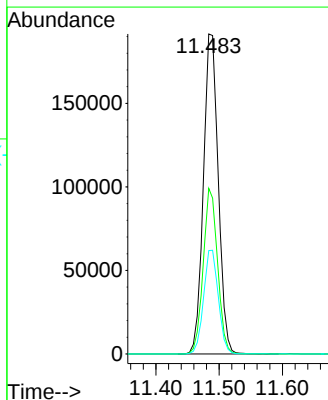
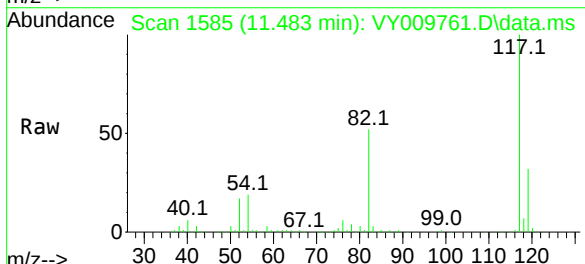
Instrument :
MSVOA_Y
ClientSampleId :
RVE-96

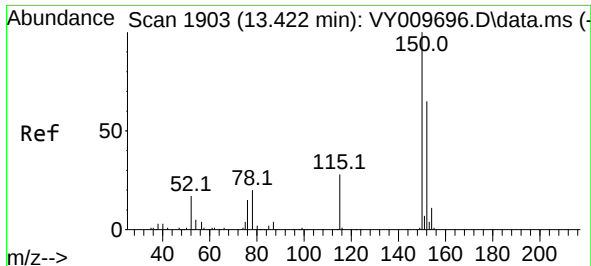
Tgt Ion: 95 Resp: 71877
Ion Ratio Lower Upper
95 100
174 97.6 0.0 177.0
176 95.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009761.D
Acq: 28 Jul 2022 19:10

Tgt Ion: 117 Resp: 313342
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 32.3 25.4 38.0

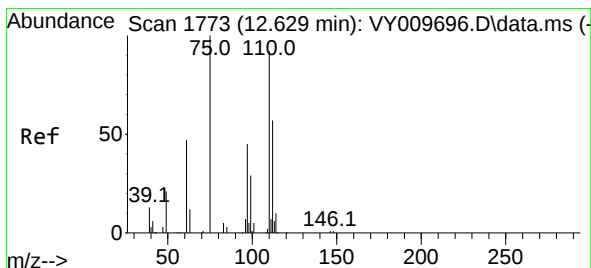
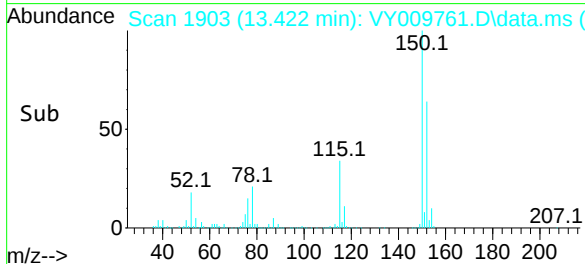
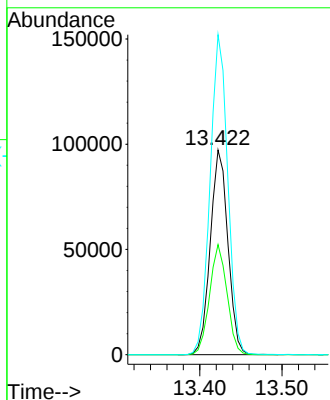
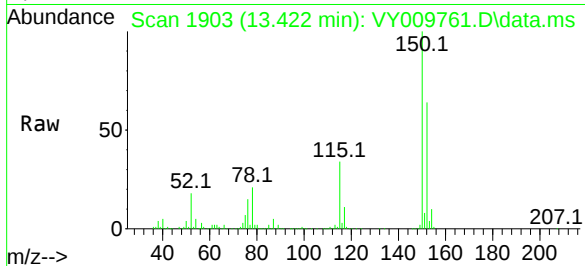




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009761.D
 Acq: 28 Jul 2022 19:10

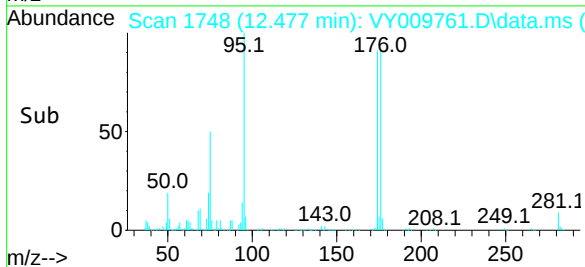
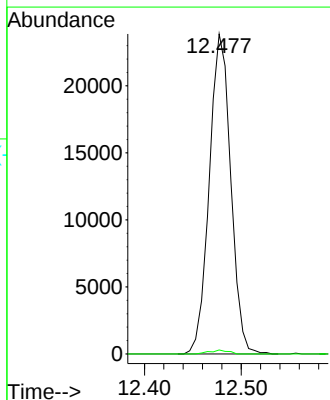
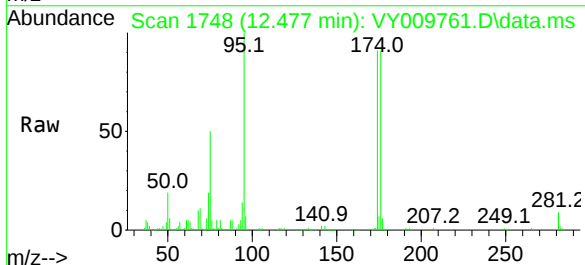
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-96

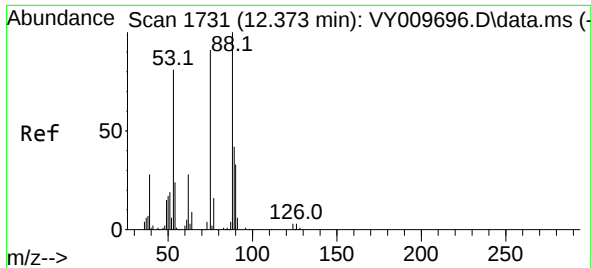
Tgt Ion:152 Resp: 145012
 Ion Ratio Lower Upper
 152 100
 115 53.1 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 27.317 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009761.D
 Acq: 28 Jul 2022 19:10

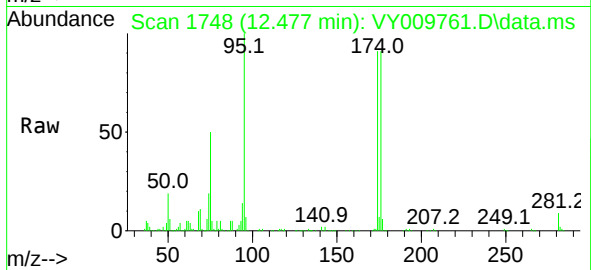
Tgt Ion: 75 Resp: 36794
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.450 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009761.D
 Acq: 28 Jul 2022 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-96



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

