

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009827.D
 Acq On : 04 Aug 2022 13:13
 Operator : KP/MD
 Sample : N3927-07RE
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-80

Quant Time: Aug 05 01:42:54 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)

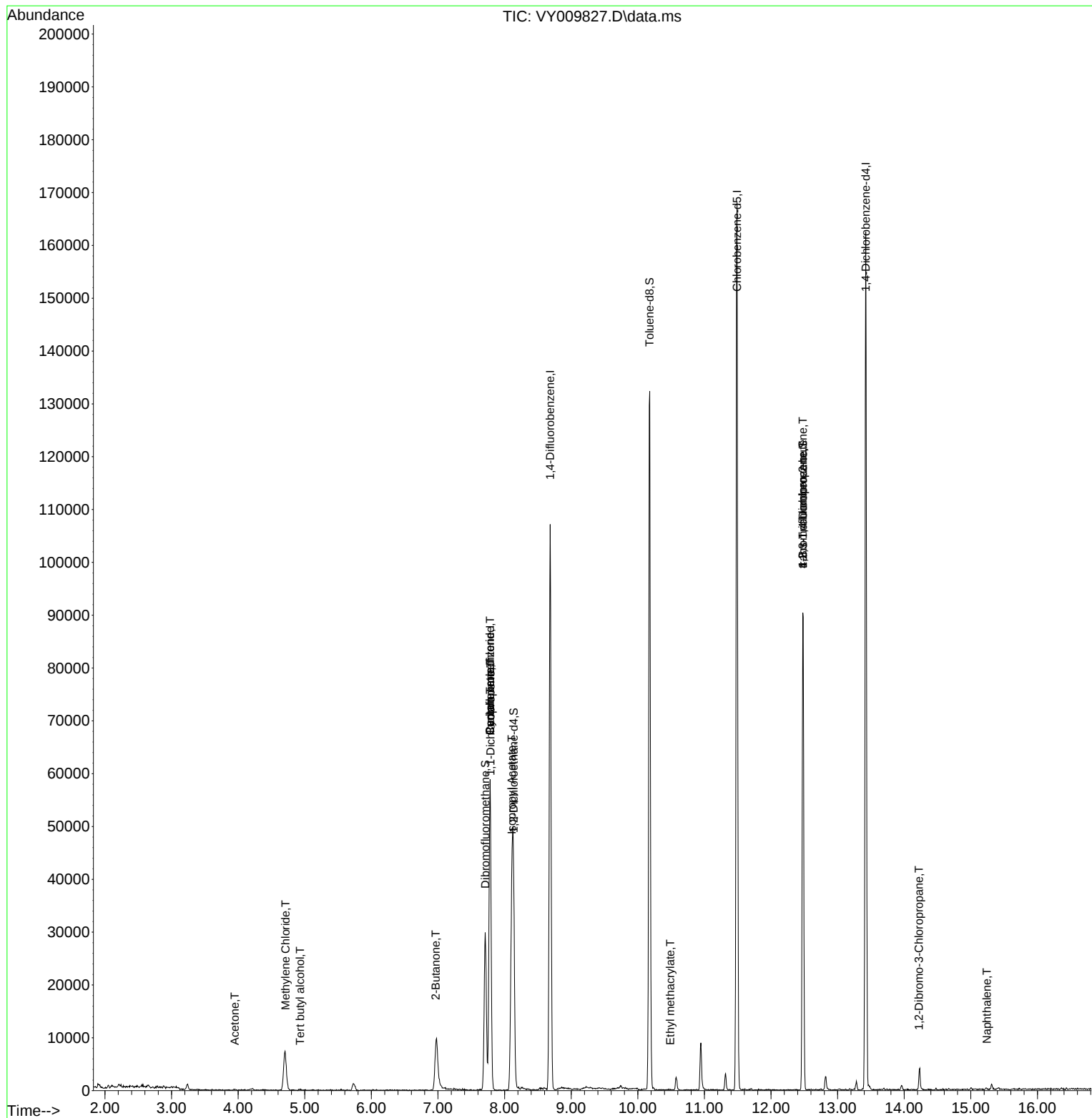
Internal Standards						
1) Pentafluorobenzene	7.782	168	44225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	86846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22555	63.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.400%	
35) Dibromofluoromethane	7.709	113	20167	38.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.180%	
50) Toluene-d8	10.178	98	82447	53.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 107.040%	
62) 4-Bromofluorobenzene	12.477	95	25920	36.149	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 72.300%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.893	85	605	Below Cal		80
5) Bromomethane	2.655	94	89	Below Cal		99
11) Tert butyl alcohol	4.929	59	192	4.089	ug/l #	78
16) Acetone	3.948	43	136	1.086	ug/l #	44
20) Methylene Chloride	4.710	84	5238	1.332	ug/l	92
25) 2-Butanone	6.966	43	333	1.626	ug/l #	53
31) Cyclohexane	7.782	56	1076	1.286	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3626	4.128	ug/l #	49
38) Carbon Tetrachloride	7.782	117	4342	4.700	ug/l #	18
43) Isopropyl Acetate	8.106	43	1066	1.069	ug/l #	10
56) Ethyl methacrylate	10.489	69	33	2.986	ug/l #	21
76) 1,2,3-Trichloropropane	12.477	75	13964	30.050	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13964	64.495	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.220	75	207	2.077	ug/l #	2
95) Naphthalene	15.238	128	369	5.624	ug/l #	69

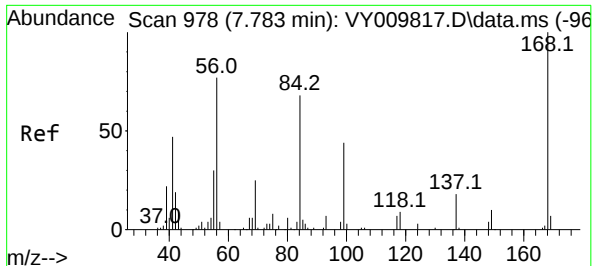
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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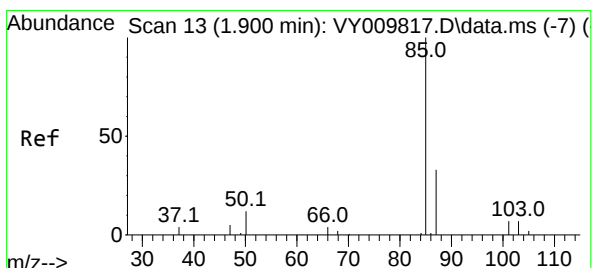
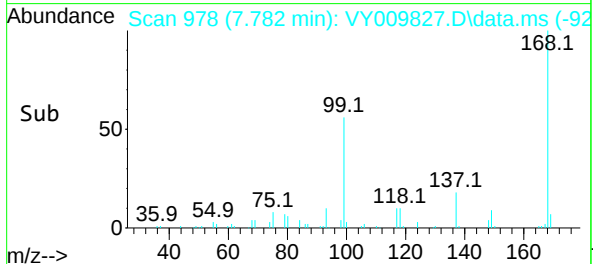
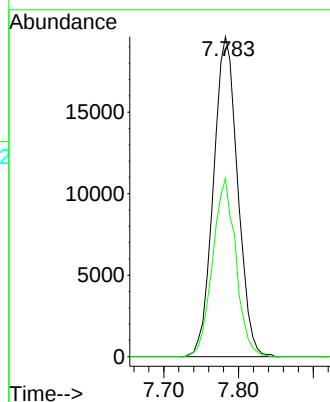
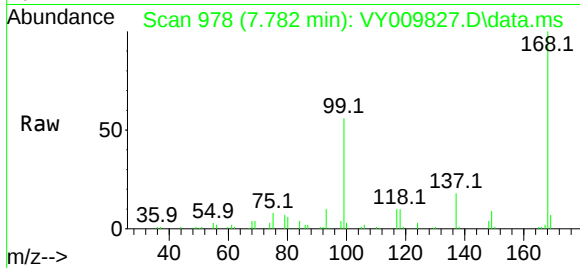




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

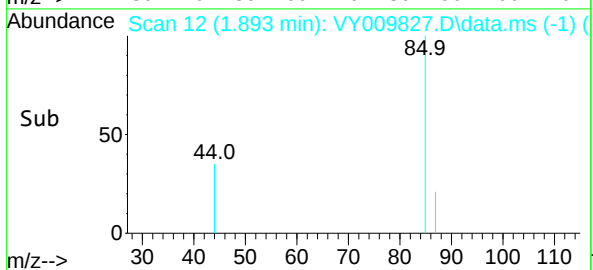
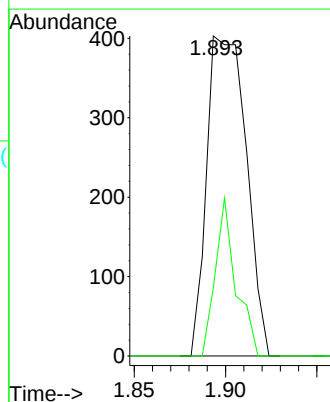
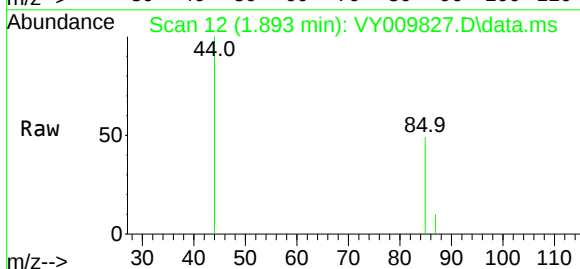
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

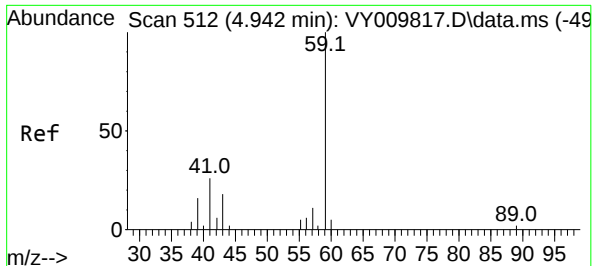
Tgt Ion:168 Resp: 44225
Ion Ratio Lower Upper
168 100
99 55.7 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.893 min Scan# 12
Delta R.T. -0.007 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion: 85 Resp: 605
Ion Ratio Lower Upper
85 100
87 21.3 16.4 49.2





#11

Tert butyl alcohol

Concen: 4.089 ug/l

RT: 4.929 min Scan# 51

Delta R.T. -0.013 min

Lab File: VY009827.D

Acq: 04 Aug 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

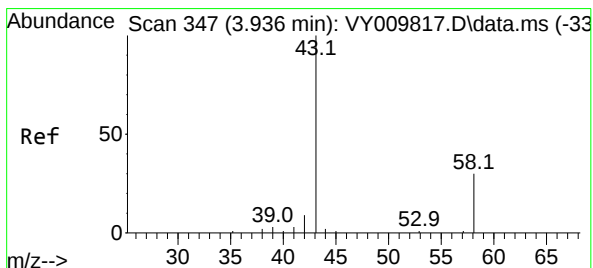
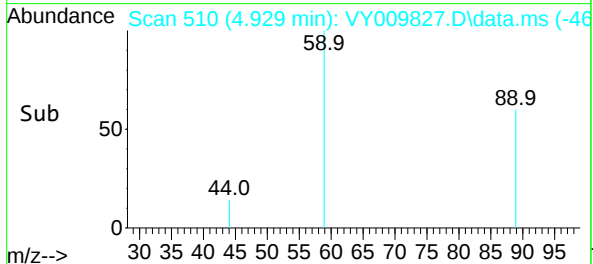
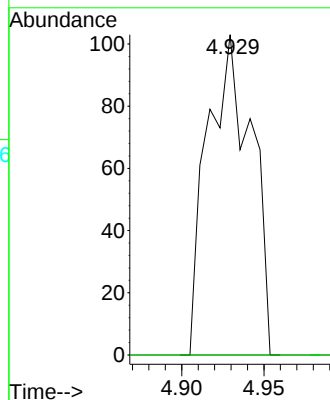
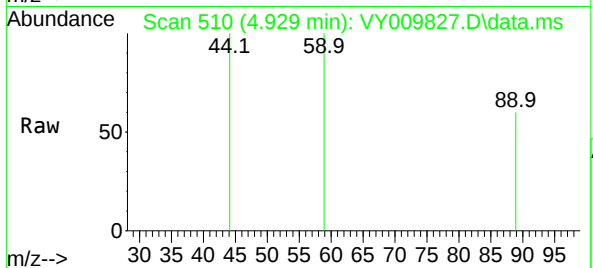
RVE-80

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.2#



#16

Acetone

Concen: 1.086 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.012 min

Lab File: VY009827.D

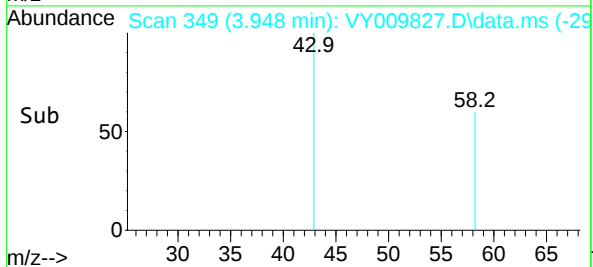
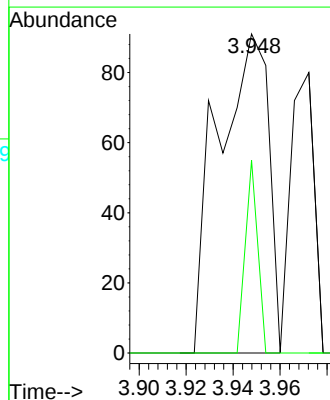
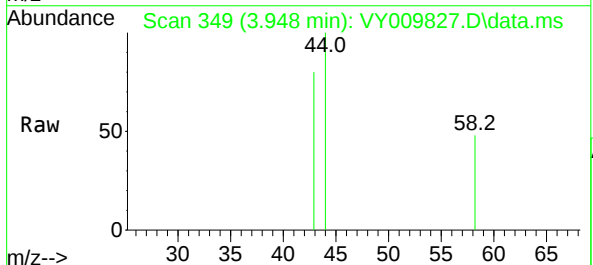
Acq: 04 Aug 2022 13:13

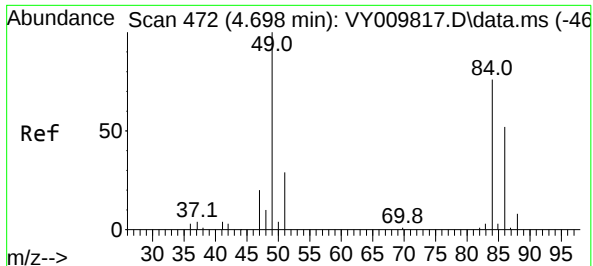
Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

43 100

58 60.4 24.1 36.1#



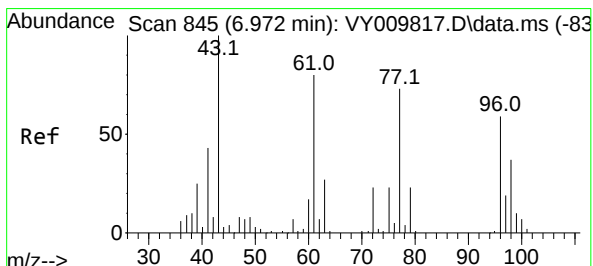
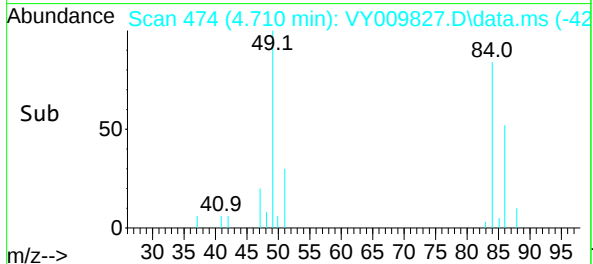
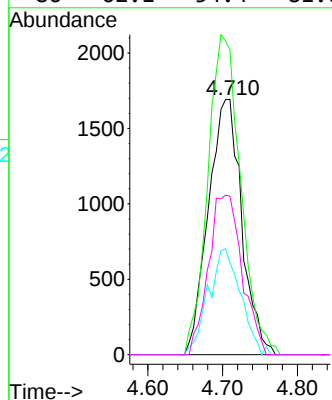
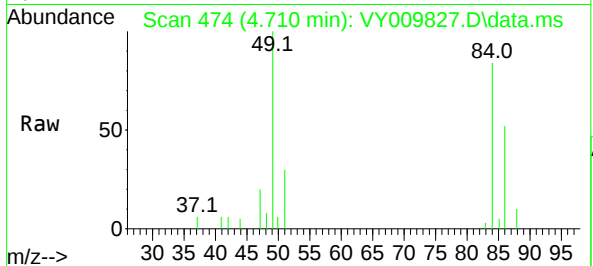


#20
Methylene Chloride
Concen: 1.332 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

Tgt Ion: 84 Resp: 5238

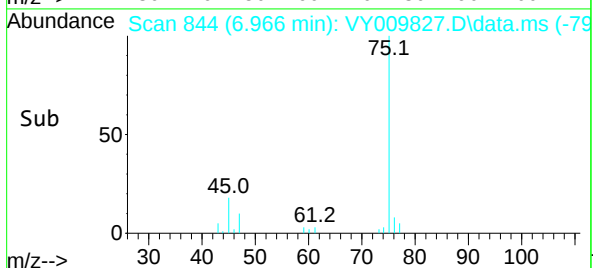
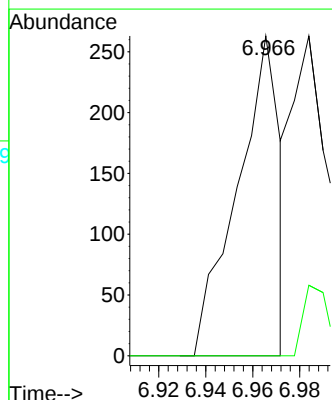
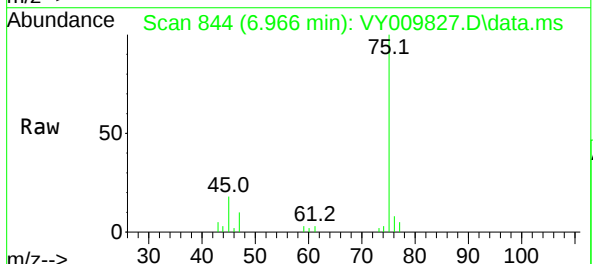
Ion	Ratio	Lower	Upper
84	100		
49	119.3	104.6	156.8
51	35.9	30.9	46.3
86	62.1	54.4	81.6

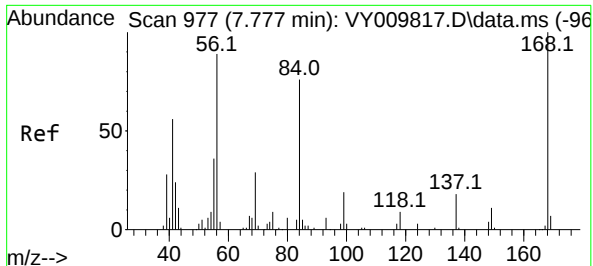


#25
2-Butanone
Concen: 1.626 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.007 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion: 43 Resp: 333

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.4#

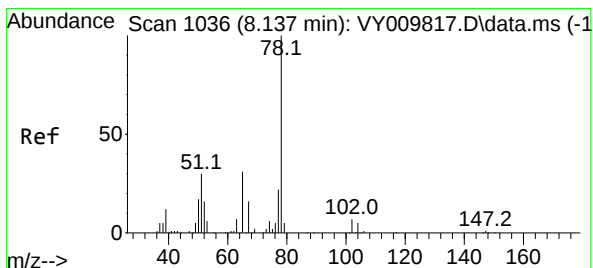
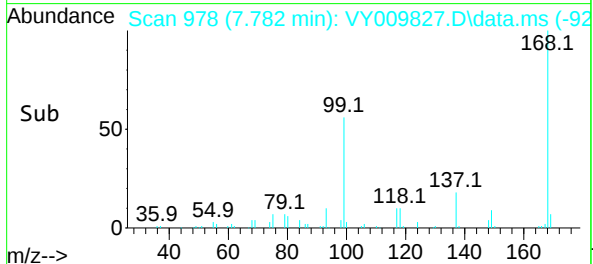
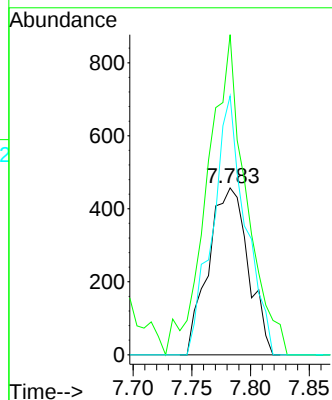
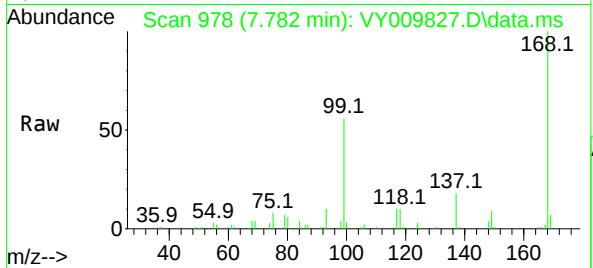




#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

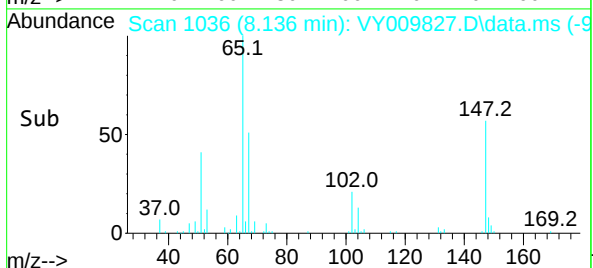
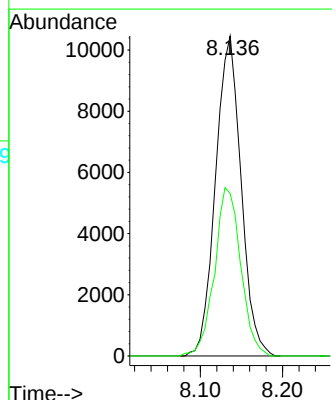
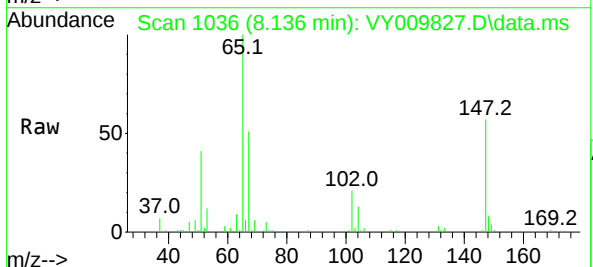
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

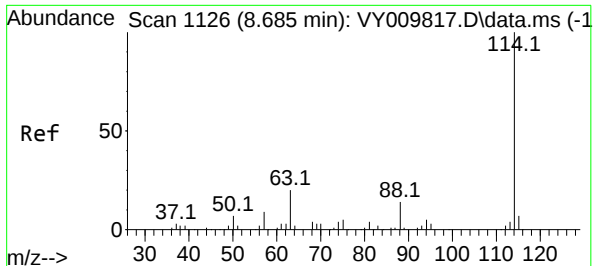
Tgt Ion: 56 Resp: 1076
Ion Ratio Lower Upper
56 100
69 177.5 25.8 38.8#
84 155.1 67.9 101.9#



#33
1,2-Dichloroethane-d4
Concen: 63.703 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion: 65 Resp: 22555
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009827.D

Acq: 04 Aug 2022 13:13

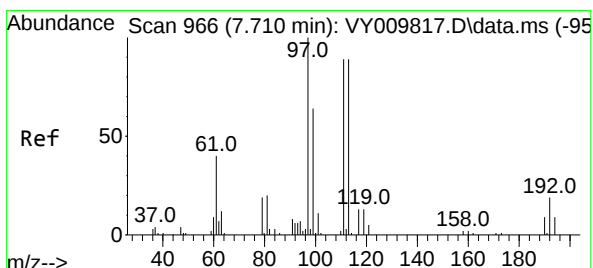
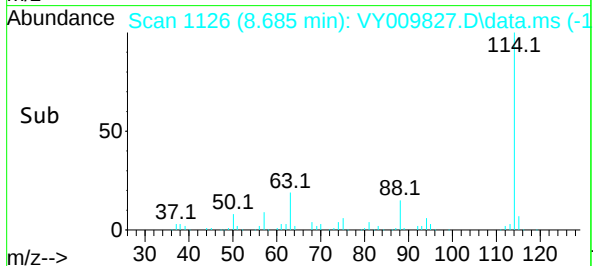
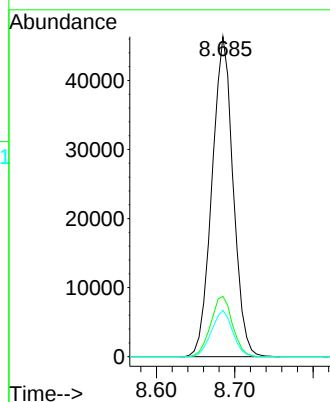
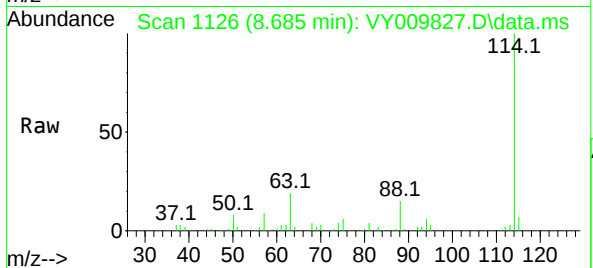
Instrument :

MSVOA_Y

ClientSampleId :

RVE-80

Tgt Ion:	114	Resp:	86846
Ion Ratio	Lower	Upper	
114	100		
63	18.8	0.0	39.2
88	14.5	0.0	27.6



#35

Dibromofluoromethane

Concen: 38.086 ug/l

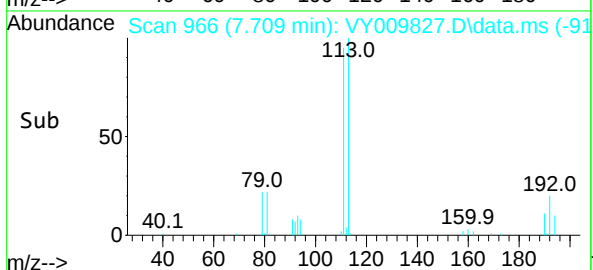
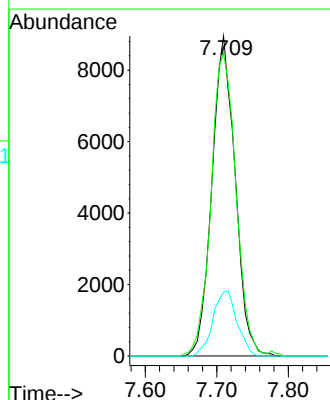
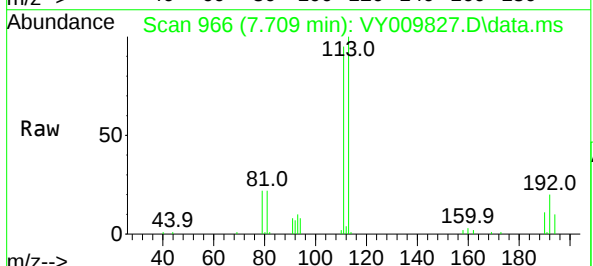
RT: 7.709 min Scan# 966

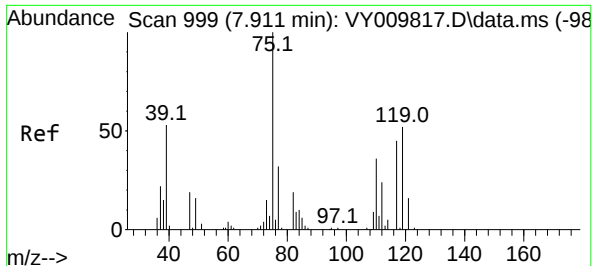
Delta R.T. -0.000 min

Lab File: VY009827.D

Acq: 04 Aug 2022 13:13

Tgt Ion:	113	Resp:	20167
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.4	123.6
192	21.1	16.5	24.7





#36

1,1-Dichloropropene

Concen: 4.128 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009827.D

Acq: 04 Aug 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

RVE-80

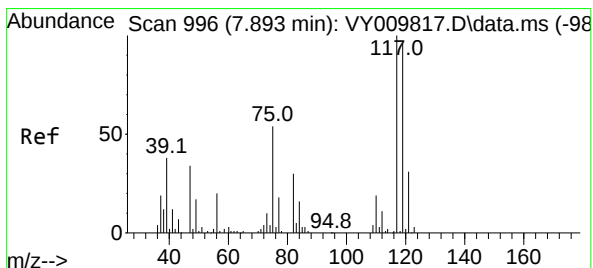
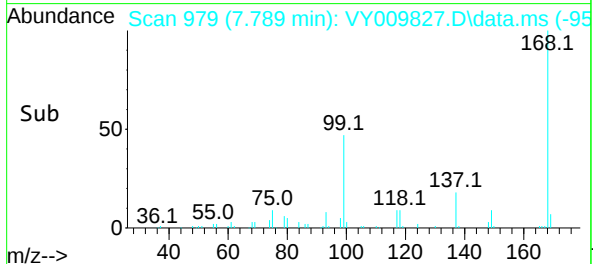
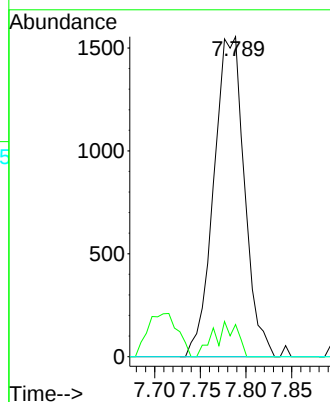
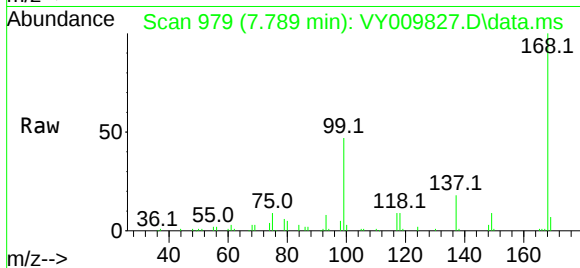
Tgt Ion: 75 Resp: 3626

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.4#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.700 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009827.D

Acq: 04 Aug 2022 13:13

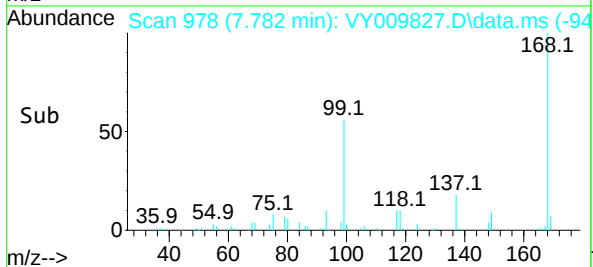
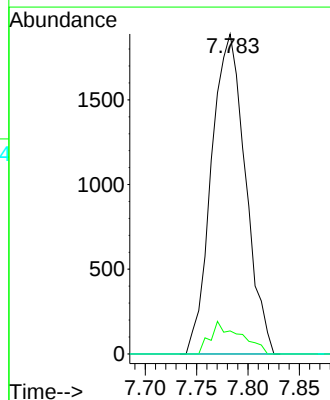
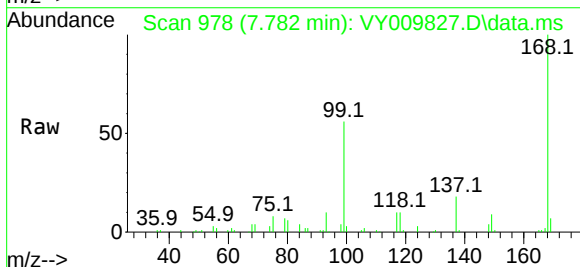
Tgt Ion: 117 Resp: 4342

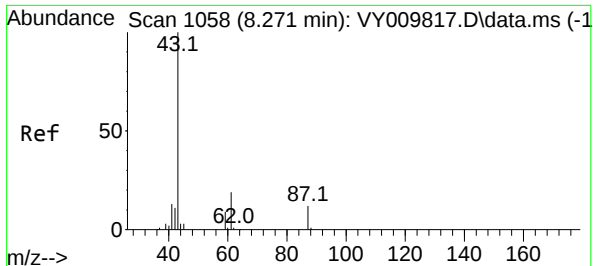
Ion Ratio Lower Upper

117 100

119 7.2 76.8 115.2#

121 0.0 24.9 37.3#





#43

Isopropyl Acetate

Concen: 1.069 ug/l

RT: 8.106 min Scan# 1066

Delta R.T. -0.165 min

Lab File: VY009827.D

Acq: 04 Aug 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

RVE-80

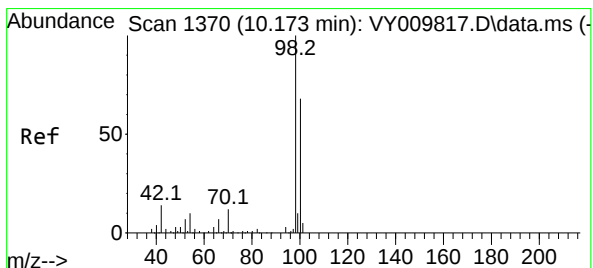
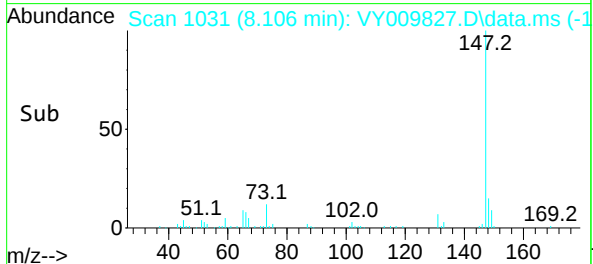
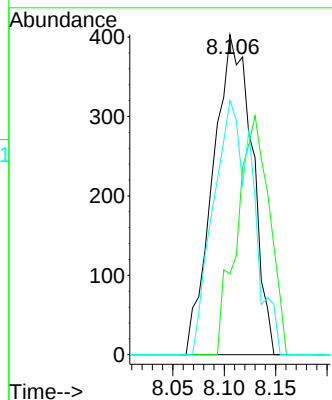
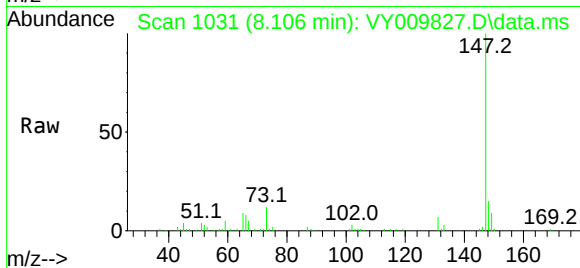
Tgt Ion: 43 Resp: 1066

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.0#

87 80.6 9.2 13.8#



#50

Toluene-d8

Concen: 53.524 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.005 min

Lab File: VY009827.D

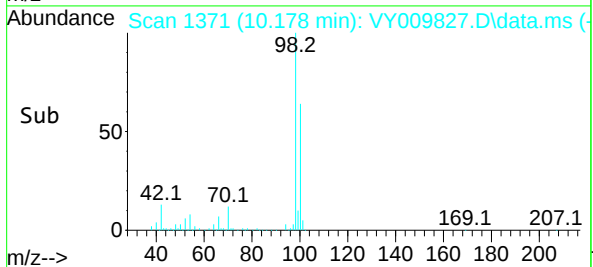
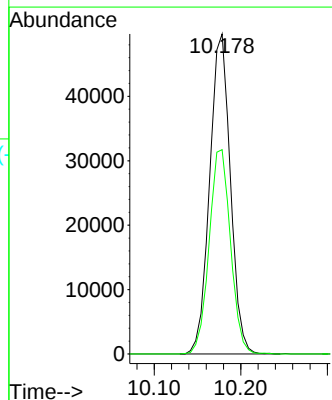
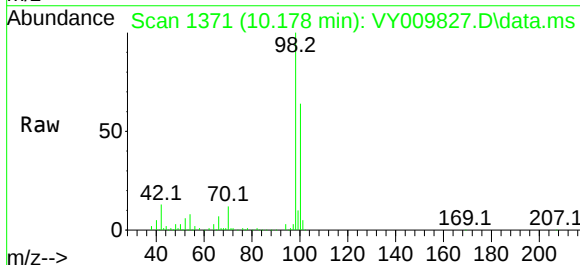
Acq: 04 Aug 2022 13:13

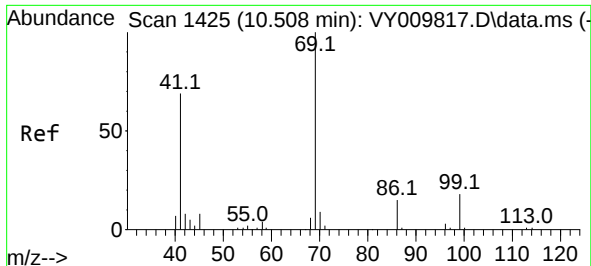
Tgt Ion: 98 Resp: 82447

Ion Ratio Lower Upper

98 100

100 65.9 53.4 80.2

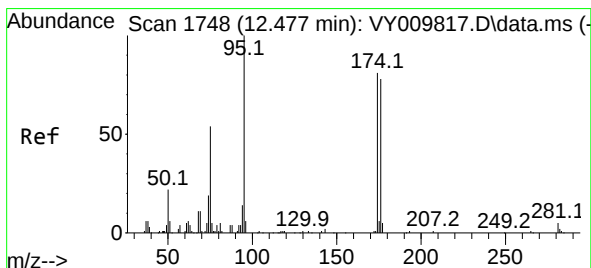
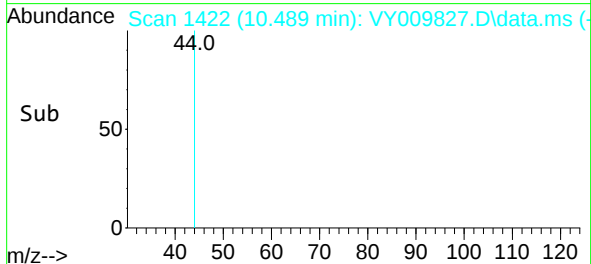
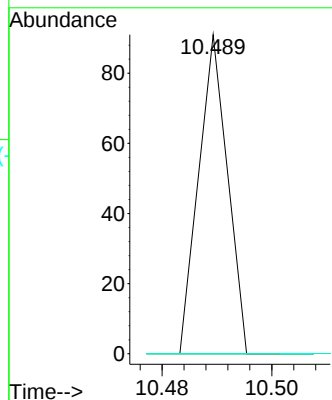
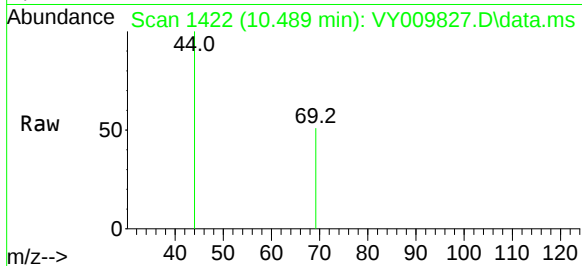




#56
Ethyl methacrylate
Concen: 2.986 ug/l
RT: 10.489 min Scan# 1425
Delta R.T. -0.019 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

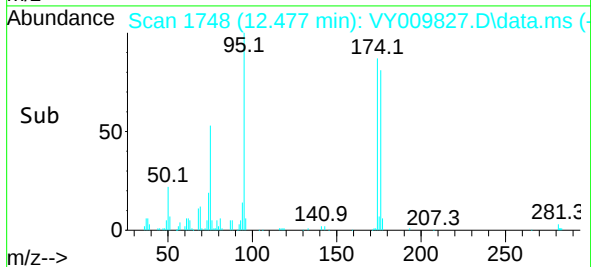
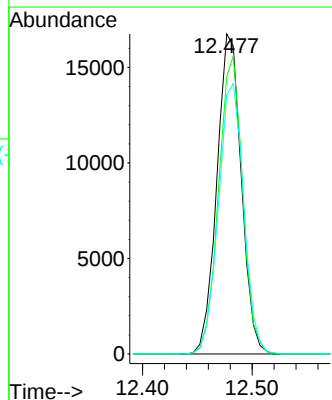
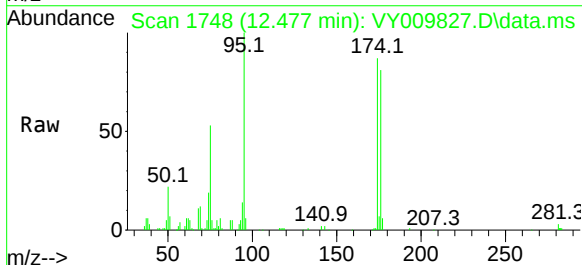
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

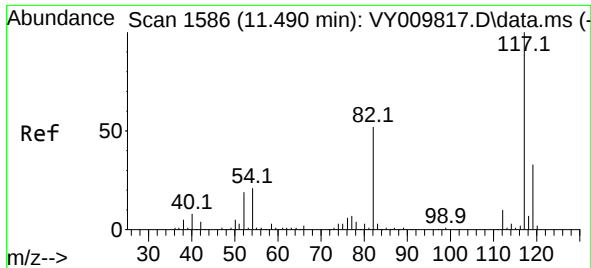
Tgt Ion: 69 Resp: 33
Ion Ratio Lower Upper
69 100
41 0.0 58.2 87.4#
39 0.0 33.8 50.8#



#62
4-Bromofluorobenzene
Concen: 36.149 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion: 95 Resp: 25920
Ion Ratio Lower Upper
95 100
174 91.6 0.0 168.6
176 87.4 0.0 163.6

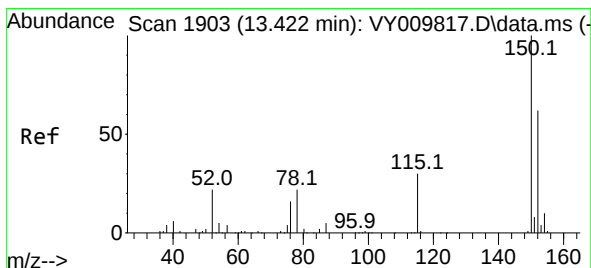
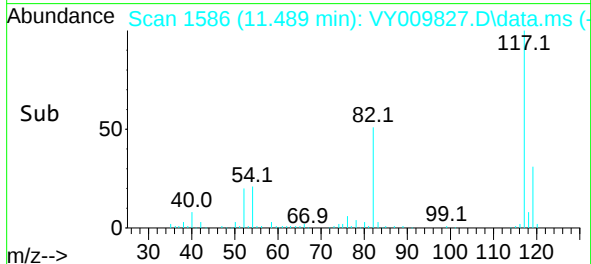
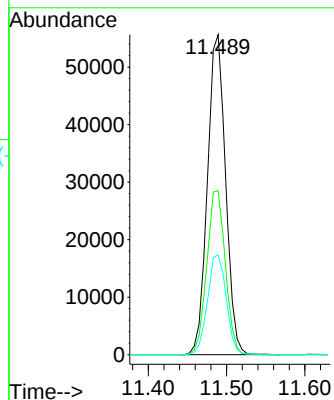
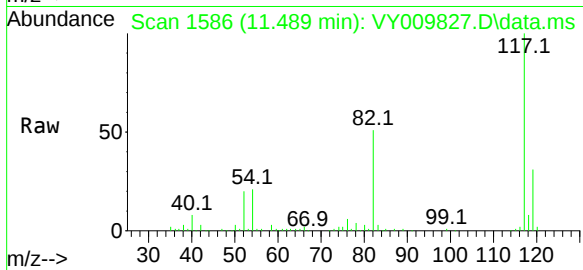




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

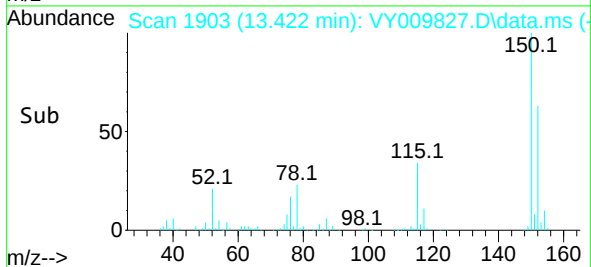
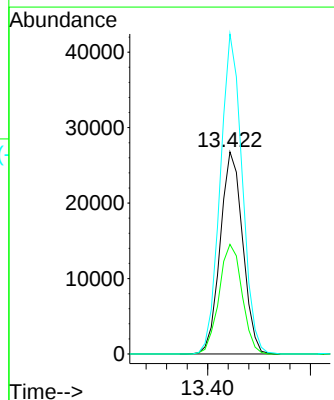
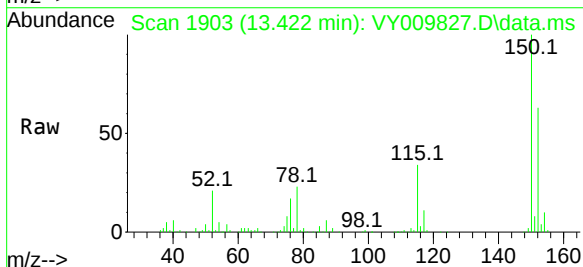
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

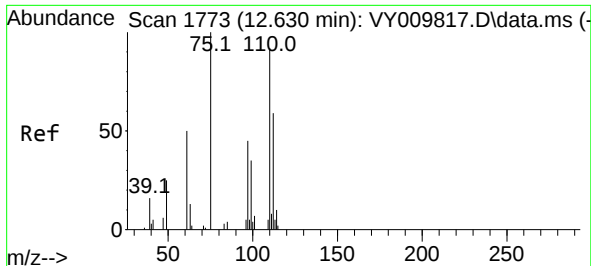
Tgt Ion:117 Resp: 89395
Ion Ratio Lower Upper
117 100
82 51.3 41.7 62.5
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion:152 Resp: 40622
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 154.7 0.0 354.2

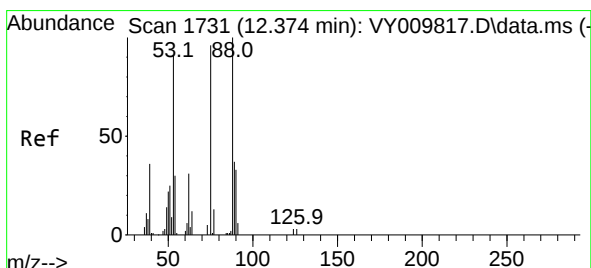
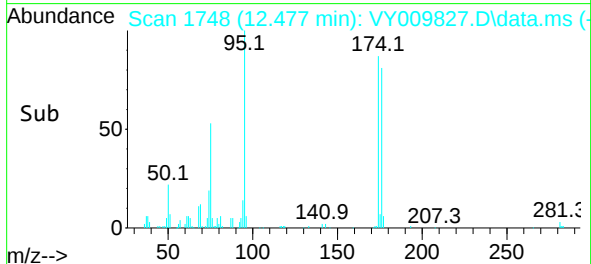
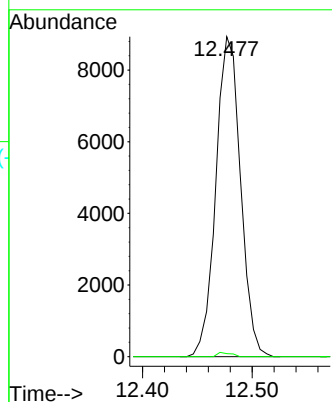
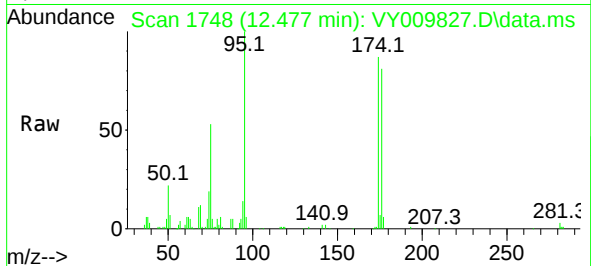




#76
1,2,3-Trichloropropane
Concen: 30.050 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

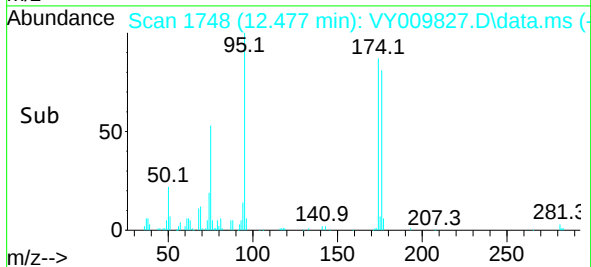
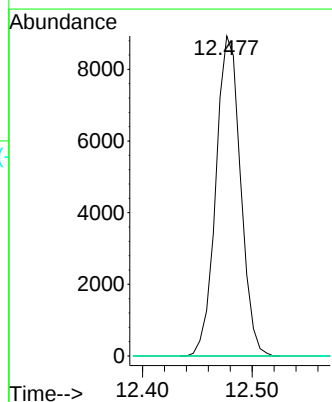
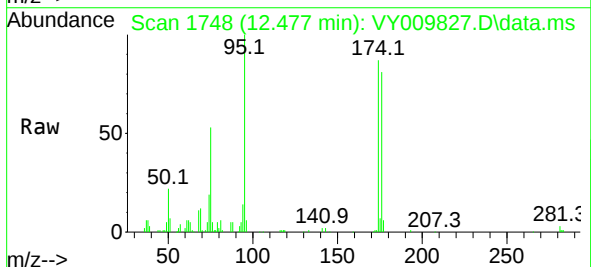
Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

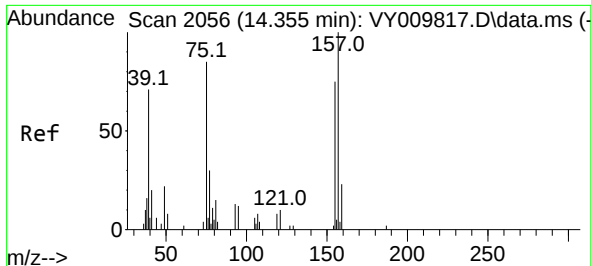
Tgt Ion: 75 Resp: 13964
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.495 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion: 75 Resp: 13964
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#

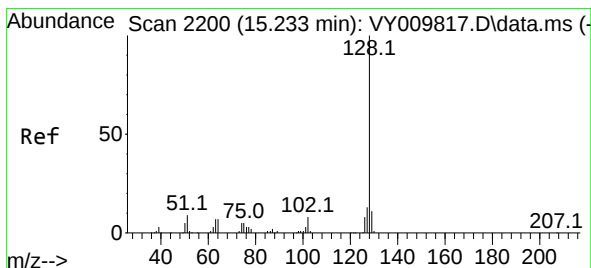
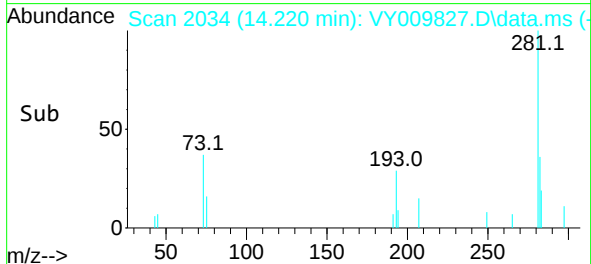
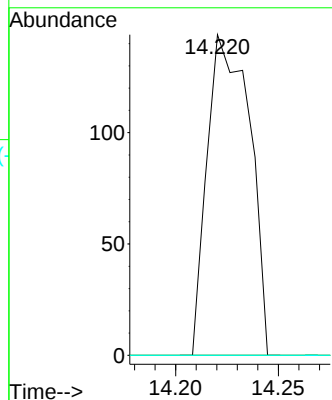
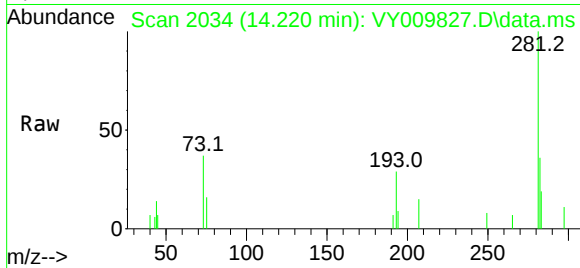




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.077 ug/l
RT: 14.220 min Scan# 2056
Delta R.T. -0.135 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
RVE-80

Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
155 0.0 41.8 125.3#
157 0.0 53.6 160.8#



#95
Naphthalene
Concen: 5.624 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.005 min
Lab File: VY009827.D
Acq: 04 Aug 2022 13:13

Tgt Ion: 128 Resp: 369
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

