

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009725.D
 Acq On : 27 Jul 2022 15:28
 Operator : KP/MD
 Sample : N3896-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-60

Quant Time: Jul 28 02:45:51 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)

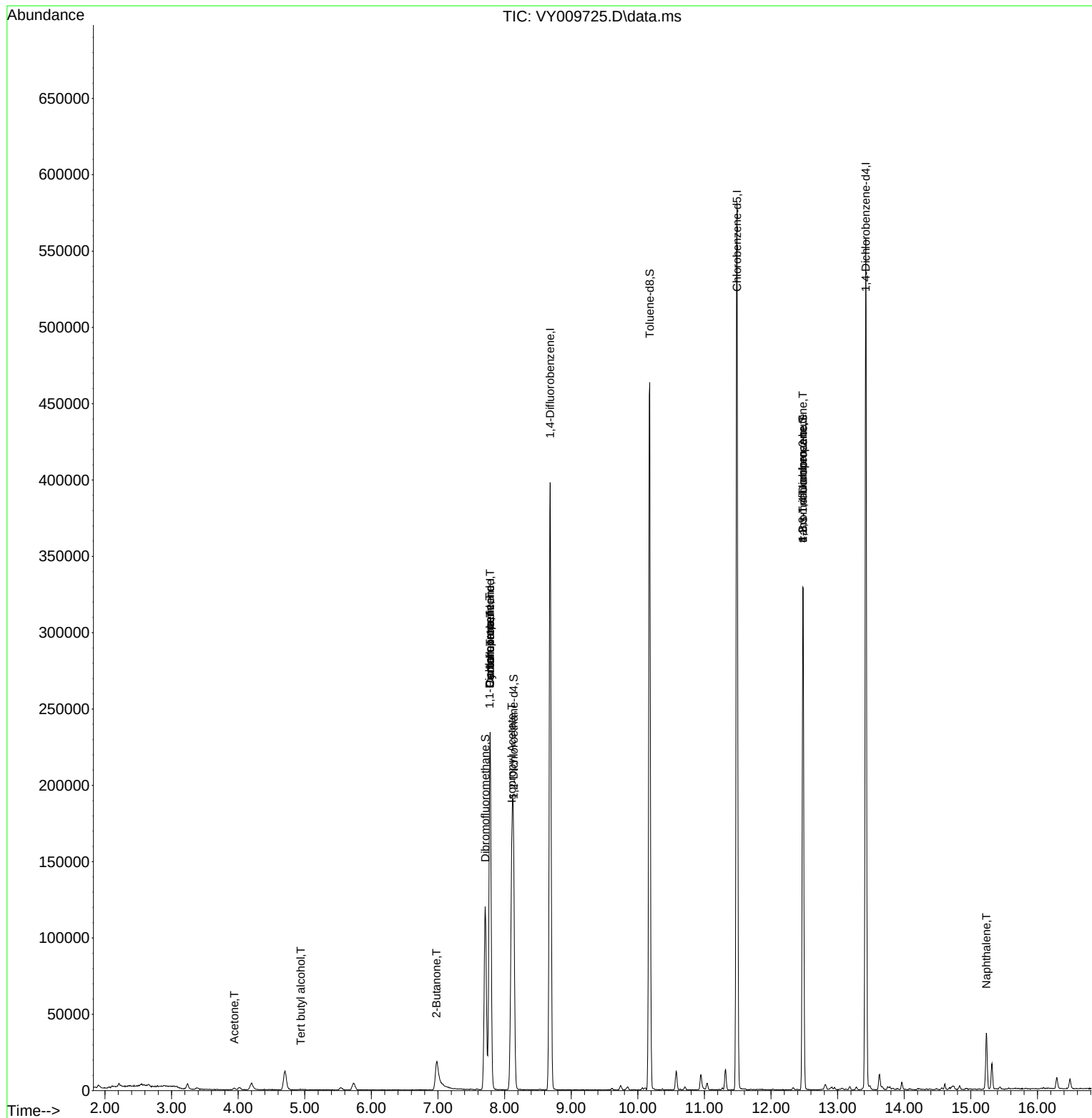
Internal Standards						
1) Pentafluorobenzene	7.783	168	193252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87357	69.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.960%			
35) Dibromofluoromethane	7.710	113	85122	44.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.660%			
50) Toluene-d8	10.179	98	309482	56.524	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 113.040%			
62) 4-Bromofluorobenzene	12.477	95	97410	38.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 77.380%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	997	4.444	ug/l #	77
16) Acetone	3.942	43	1743	3.772	ug/l #	88
18) Methyl Acetate	4.466	43	256	Below Cal	#	56
20) Methylene Chloride	4.704	84	9198	Below Cal	#	82
25) 2-Butanone	6.978	43	1239	1.818	ug/l	93
31) Cyclohexane	7.783	56	3514	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	12955	4.193	ug/l #	50
38) Carbon Tetrachloride	7.783	117	17515	5.291	ug/l #	16
43) Isopropyl Acetate	8.106	43	3388	1.059	ug/l #	6
76) 1,2,3-Trichloropropane	12.477	75	49628	35.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49628	71.148	ug/l #	7
95) Naphthalene	15.233	128	31811	6.034	ug/l	99

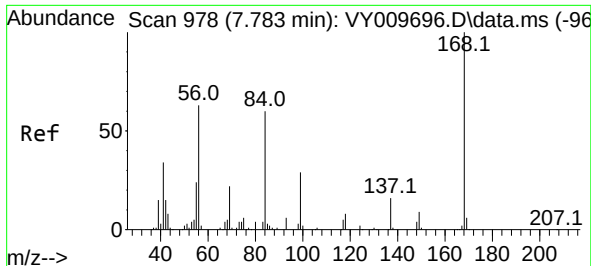
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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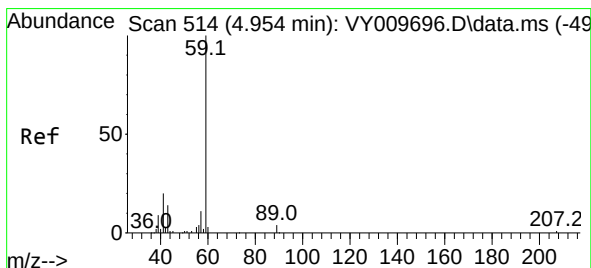
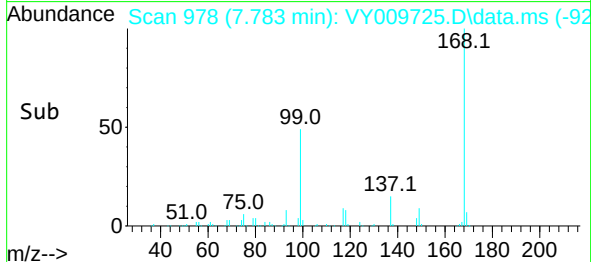
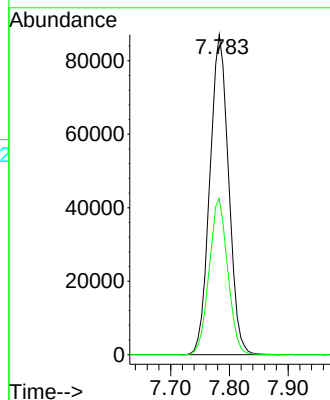
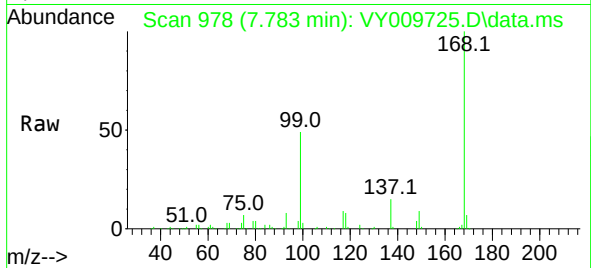




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

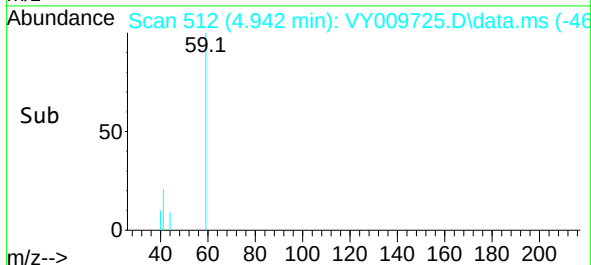
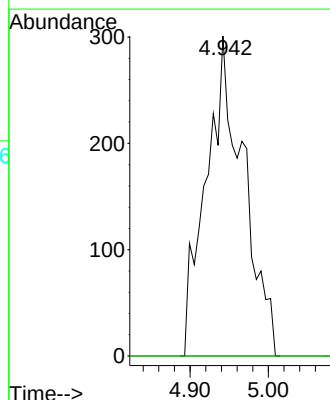
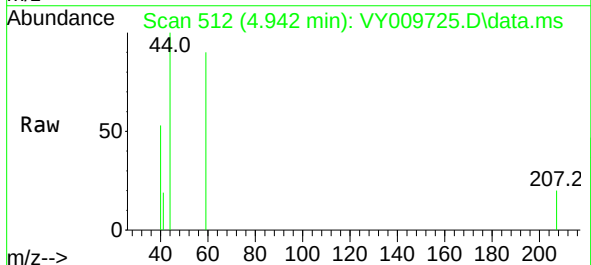
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

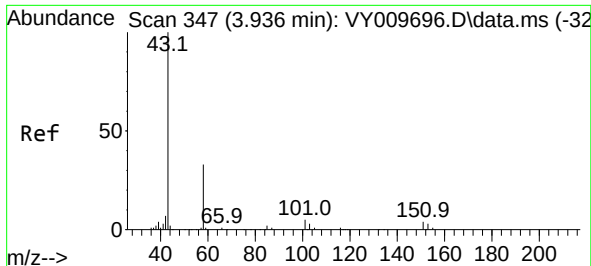
Tgt Ion:168 Resp: 193252
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.444 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 59 Resp: 997
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 3.772 ug/l

RT: 3.942 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY009725.D

Acq: 27 Jul 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

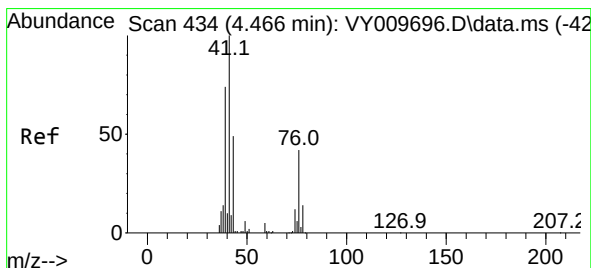
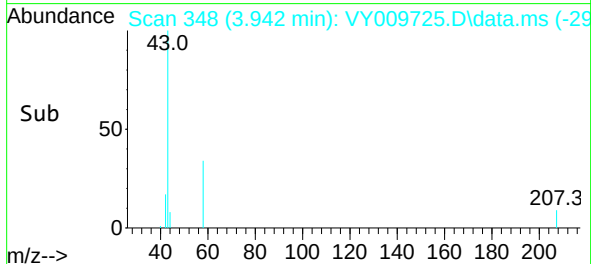
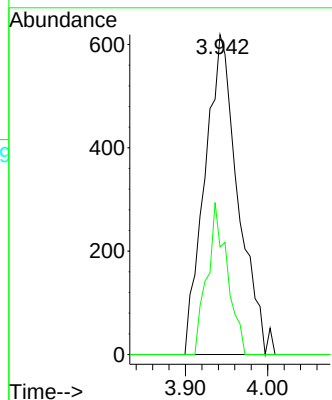
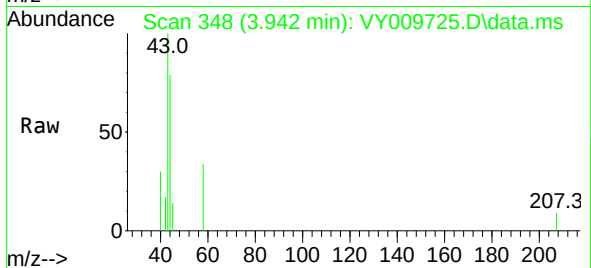
RVE-60

Tgt Ion: 43 Resp: 1743

Ion Ratio Lower Upper

43 100

58 33.6 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009725.D

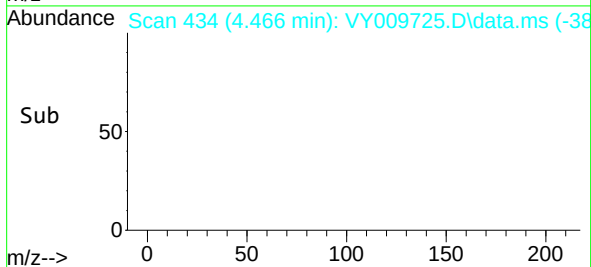
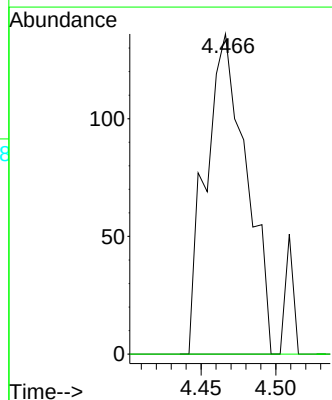
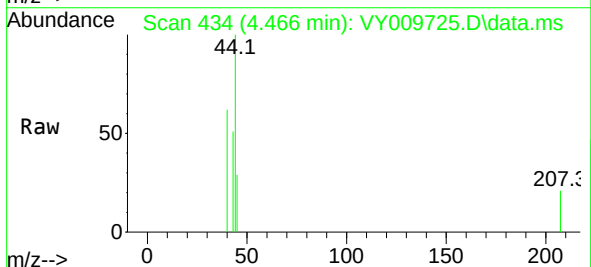
Acq: 27 Jul 2022 15:28

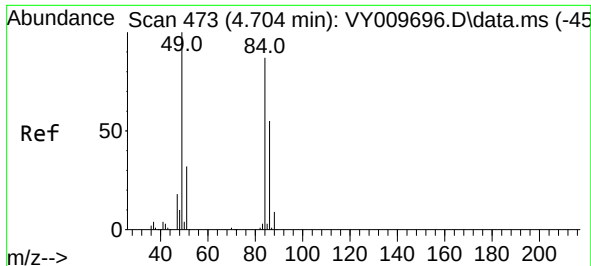
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

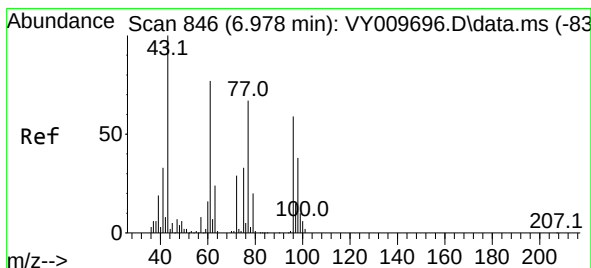
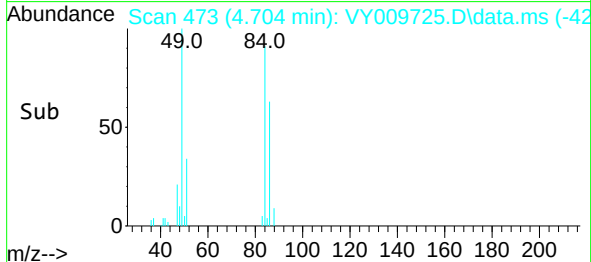
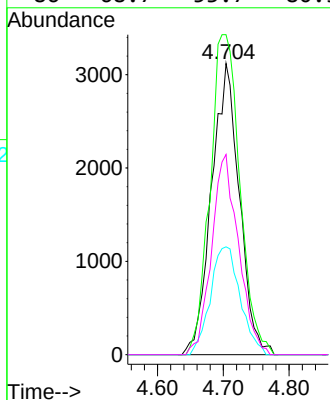
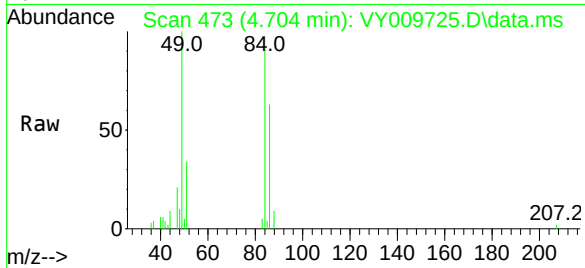




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

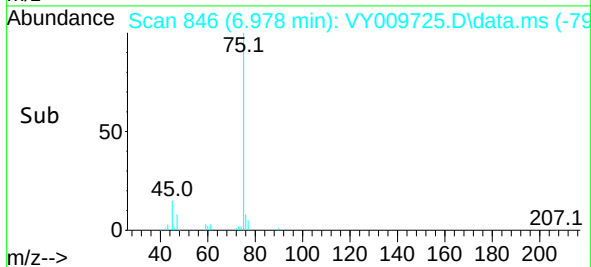
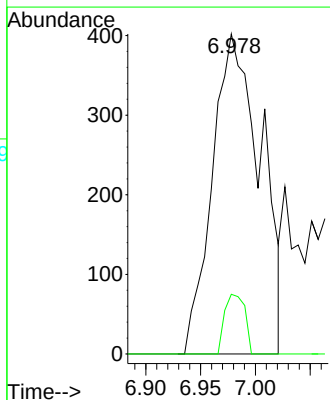
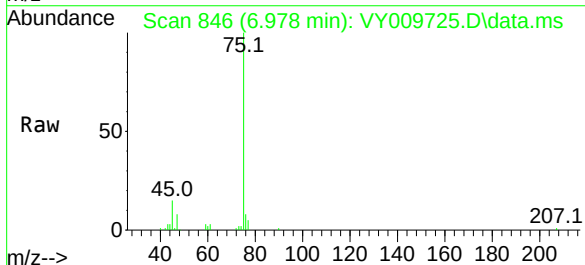
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

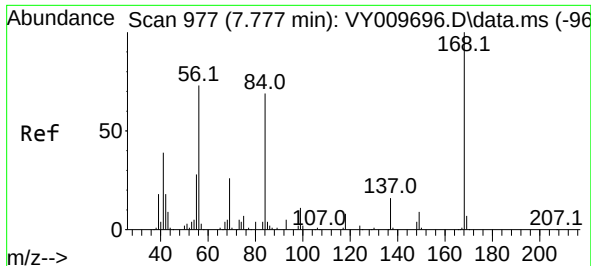
Tgt Ion: 84 Resp: 9198
Ion Ratio Lower Upper
84 100
49 109.9 114.4 171.6#
51 37.0 35.3 52.9
86 68.7 53.7 80.5



#25
2-Butanone
Concen: 1.818 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
72 18.7 17.7 26.5

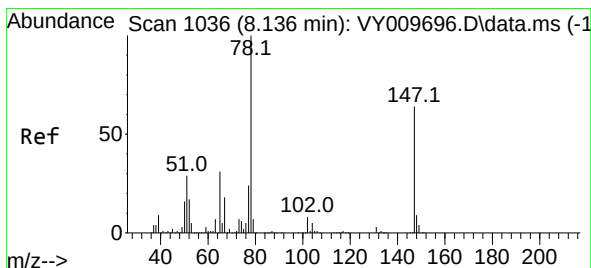
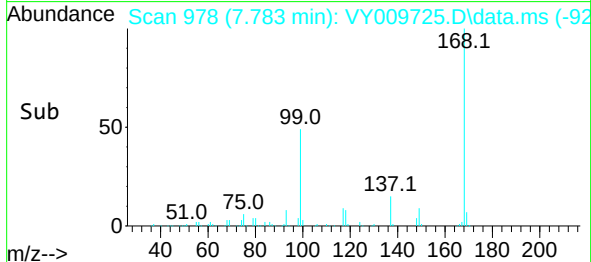
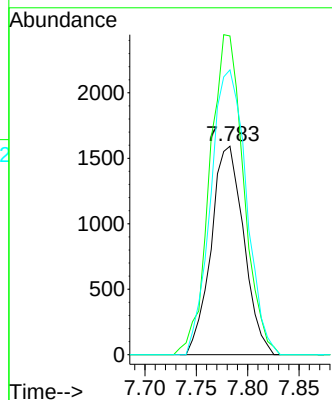
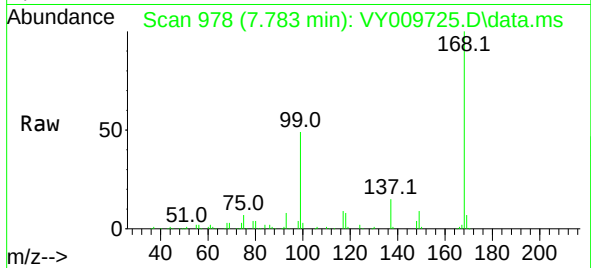




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

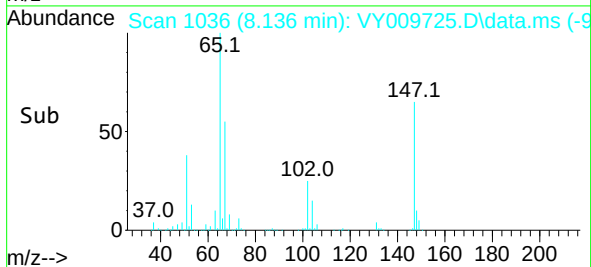
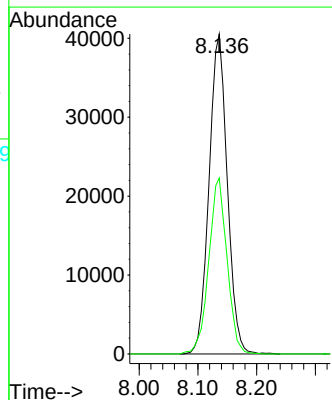
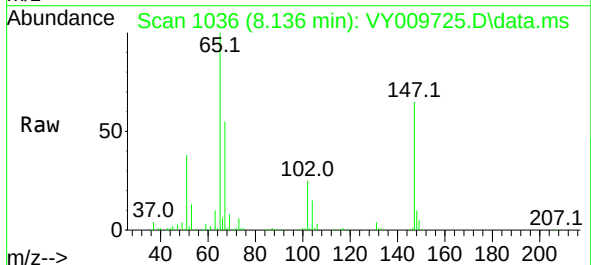
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

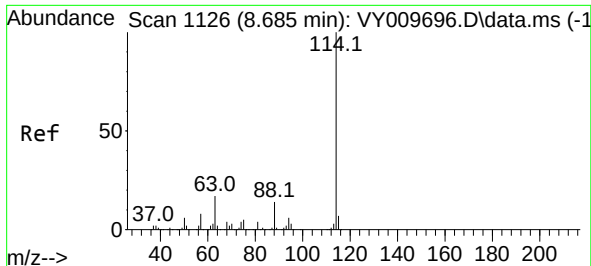
Tgt Ion: 56 Resp: 3514
Ion Ratio Lower Upper
56 100
69 152.9 26.7 40.1#
84 136.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.976 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 65 Resp: 87357
Ion Ratio Lower Upper
65 100
67 55.1 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: VY009725.D

Acq: 27 Jul 2022 15:28

Instrument :

MSVOA_Y

ClientSampleId :

RVE-60

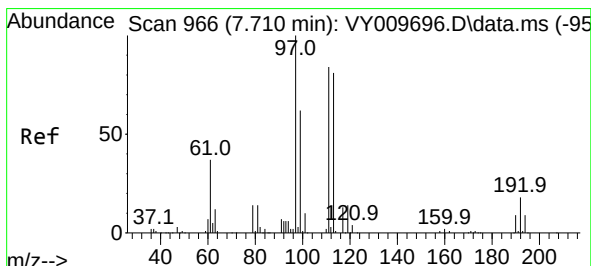
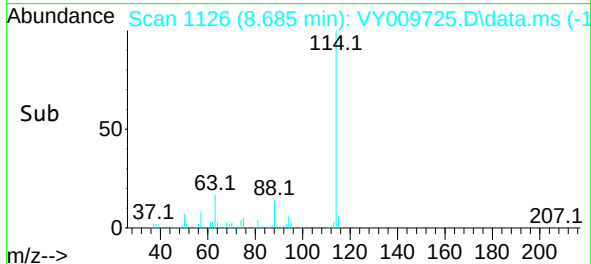
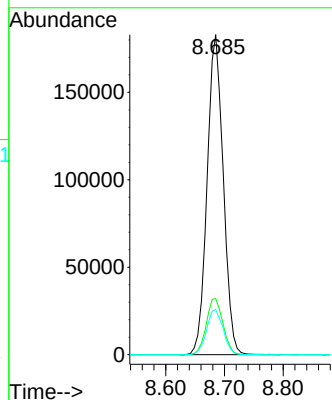
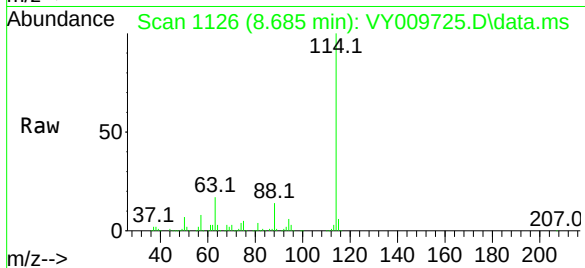
Tgt Ion:114 Resp: 349085

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.835 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009725.D

Acq: 27 Jul 2022 15:28

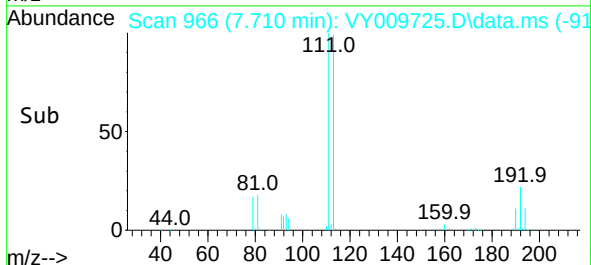
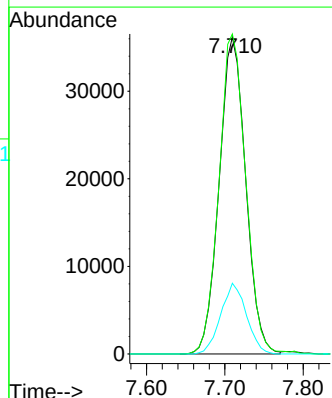
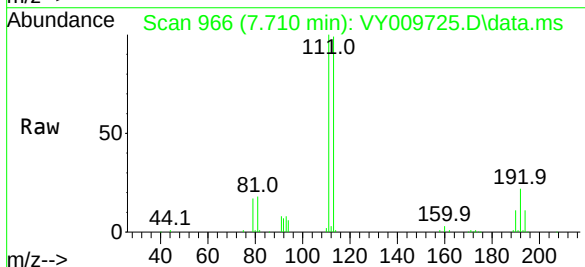
Tgt Ion:113 Resp: 85122

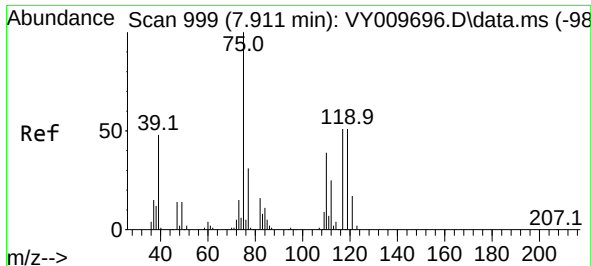
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 21.6 17.6 26.4

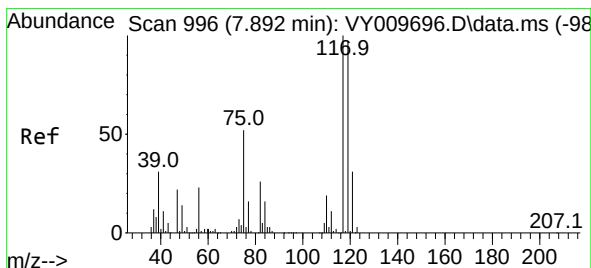
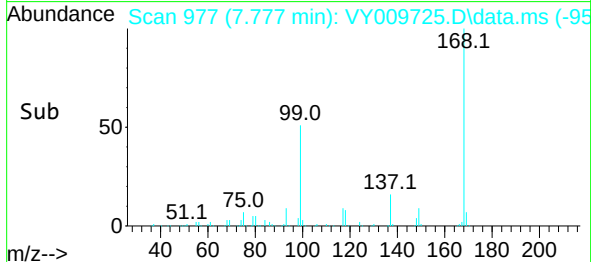
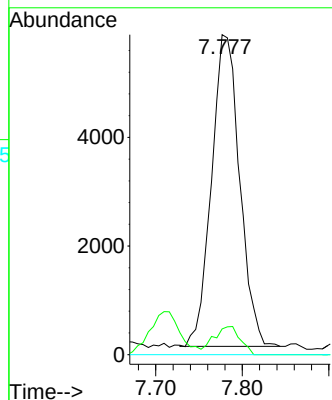
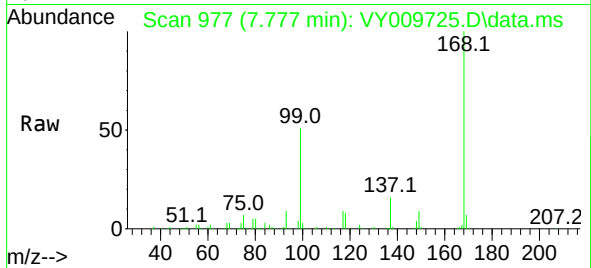




#36
1,1-Dichloropropene
Concen: 4.193 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

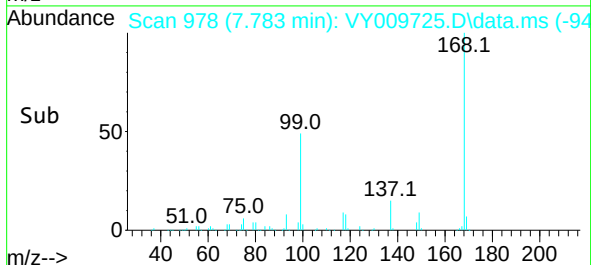
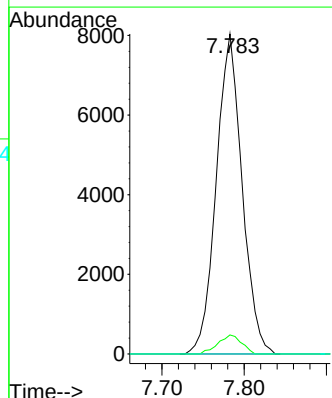
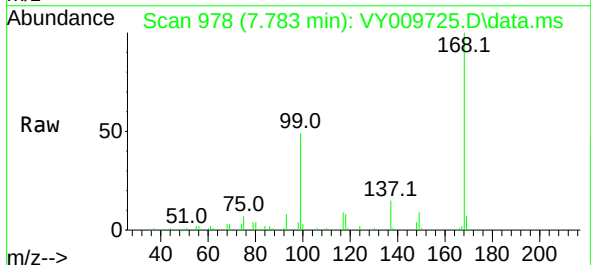
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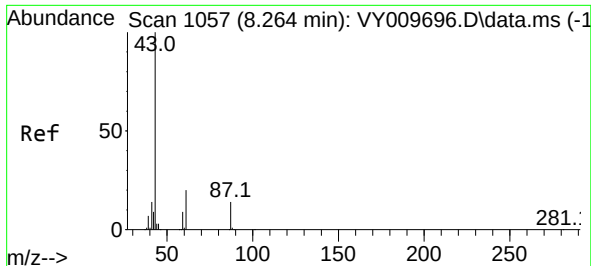
Tgt Ion: 75 Resp: 12955
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 117 Resp: 17515
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#

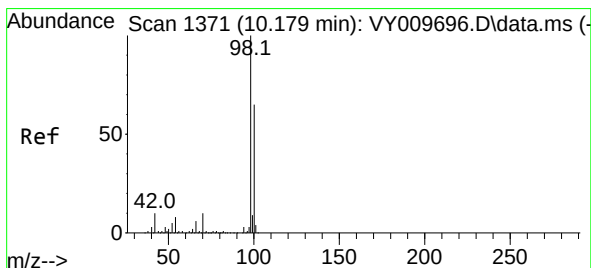
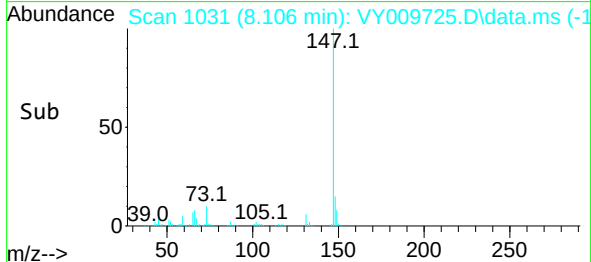
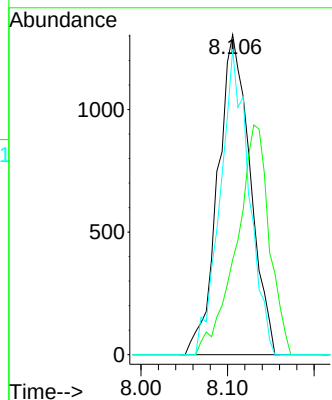
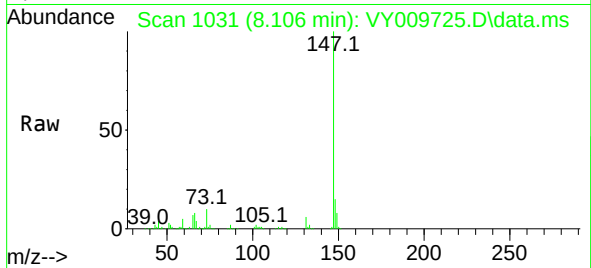




#43
Isopropyl Acetate
Concen: 1.059 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.158 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

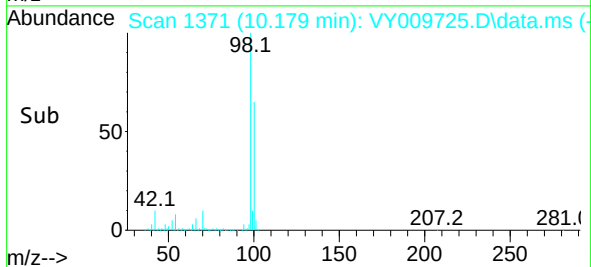
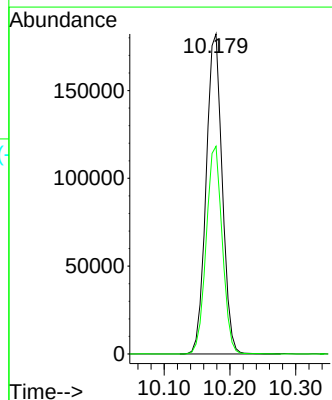
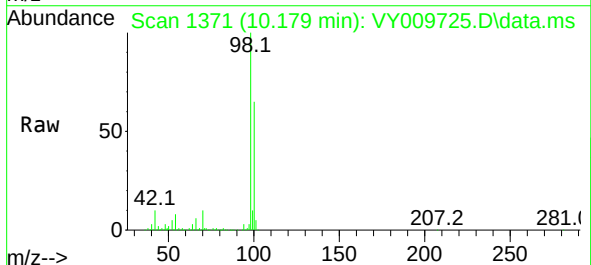
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

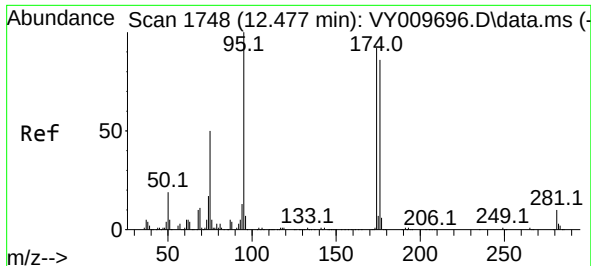
Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 85.1 8.9 13.3#



#50
Toluene-d8
Concen: 56.524 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 98 Resp: 309482
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

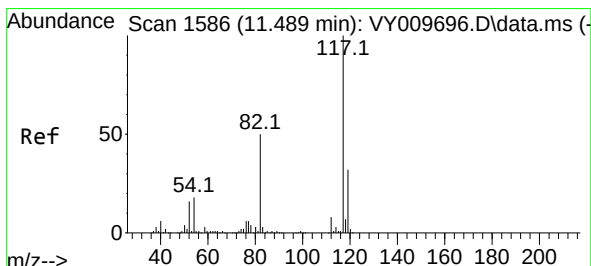
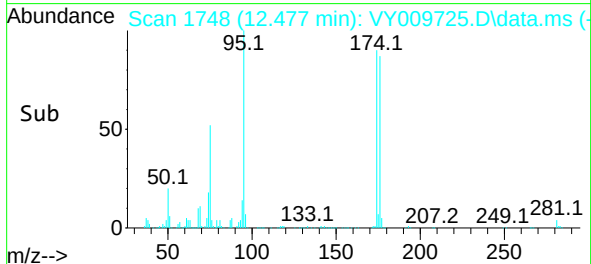
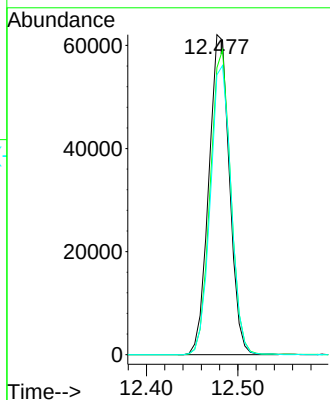
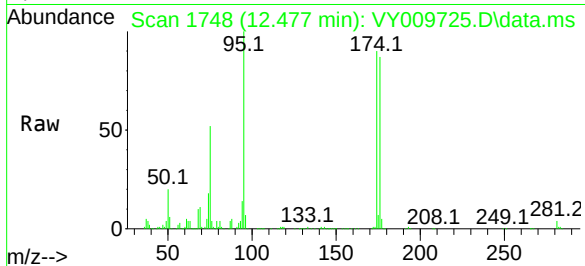




#62
4-Bromofluorobenzene
Concen: 38.693 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

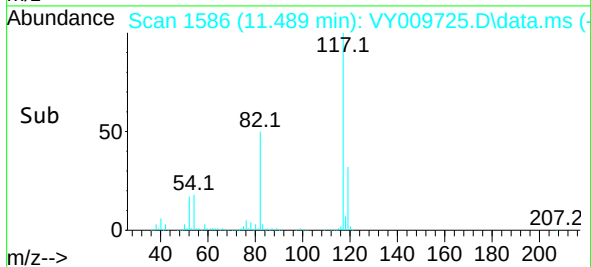
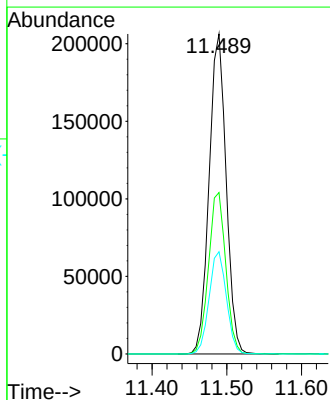
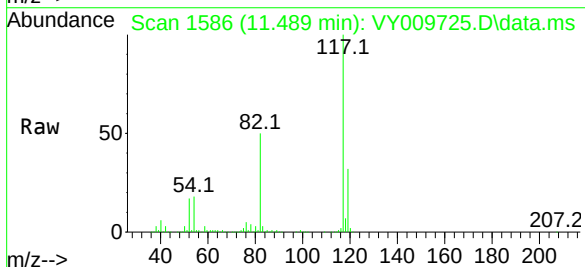
Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

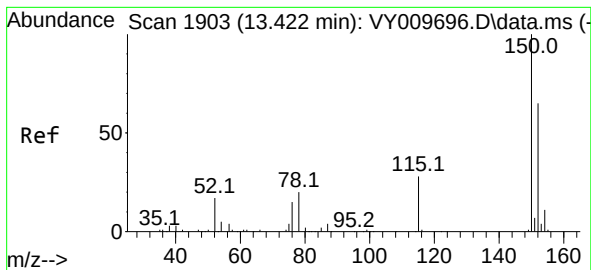
Tgt Ion: 95 Resp: 97410
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 90.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 117 Resp: 326452
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 32.0 25.4 38.0

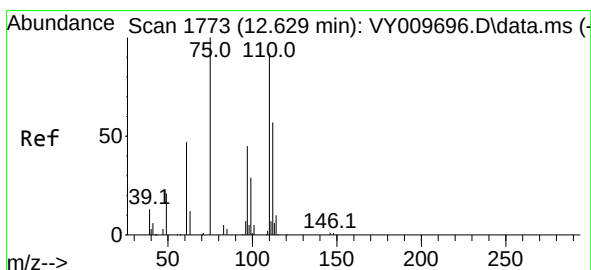
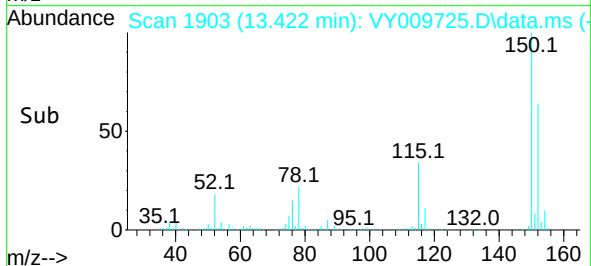
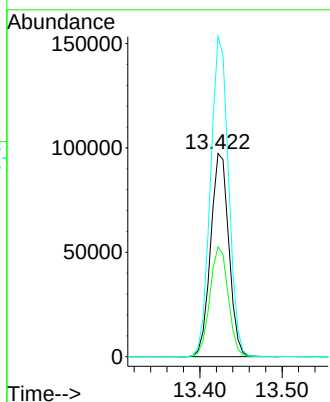
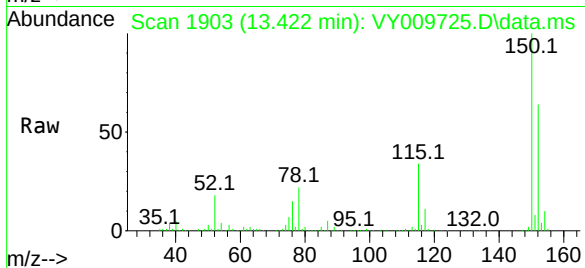




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009725.D
 Acq: 27 Jul 2022 15:28

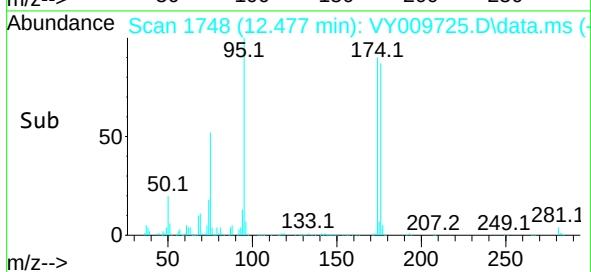
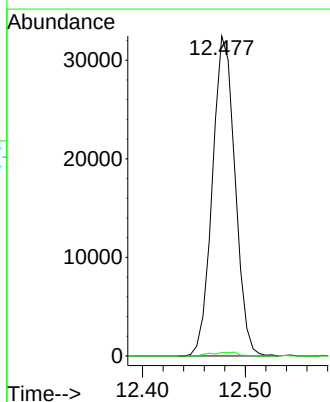
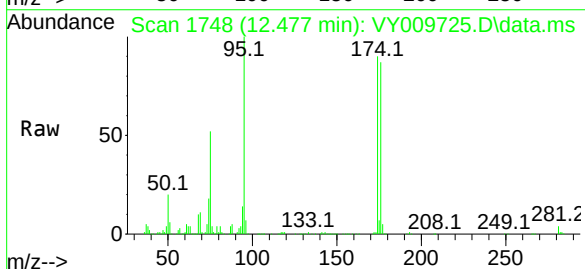
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-60

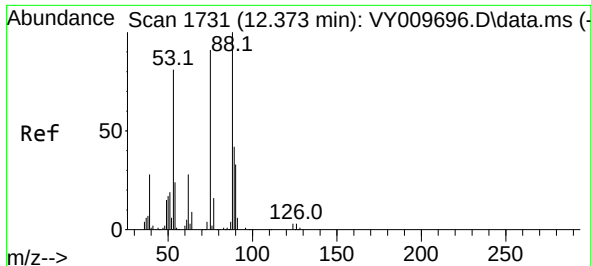
Tgt Ion:152 Resp: 149688
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.2 84.7
 150 156.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 35.694 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009725.D
 Acq: 27 Jul 2022 15:28

Tgt Ion: 75 Resp: 49628
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

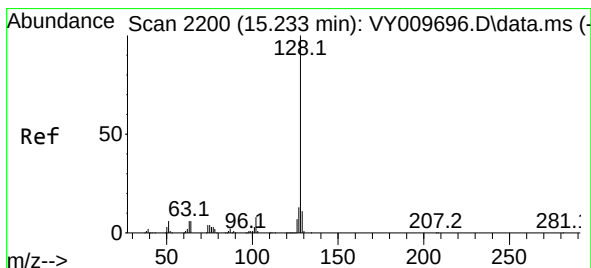
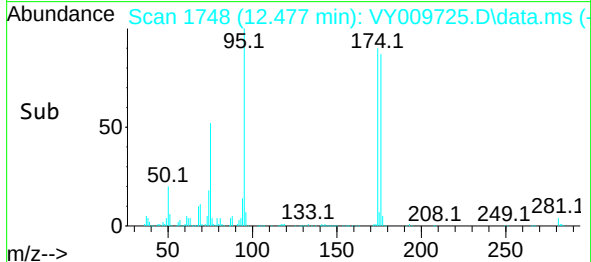
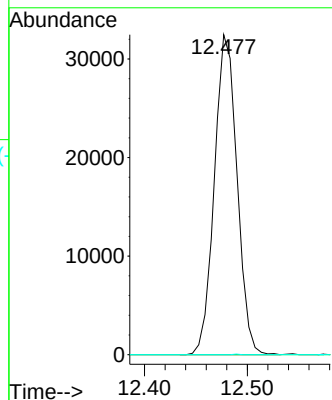
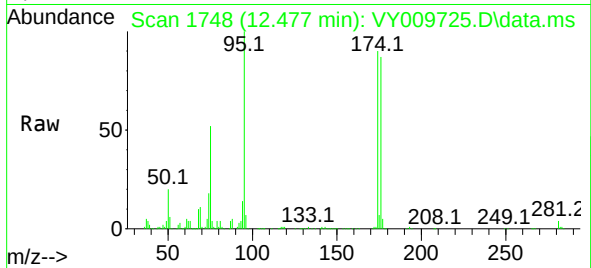




#81
trans-1,4-Dichloro-2-butene
Concen: 71.148 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Instrument :
MSVOA_Y
ClientSampleId :
RVE-60

Tgt Ion: 75 Resp: 49628
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 6.034 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009725.D
Acq: 27 Jul 2022 15:28

Tgt Ion: 128 Resp: 31811
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.0 8.4 12.6

