

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009905.D
 Acq On : 09 Aug 2022 03:56
 Operator : KP/MD
 Sample : N4044-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-200

Quant Time: Aug 09 07:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

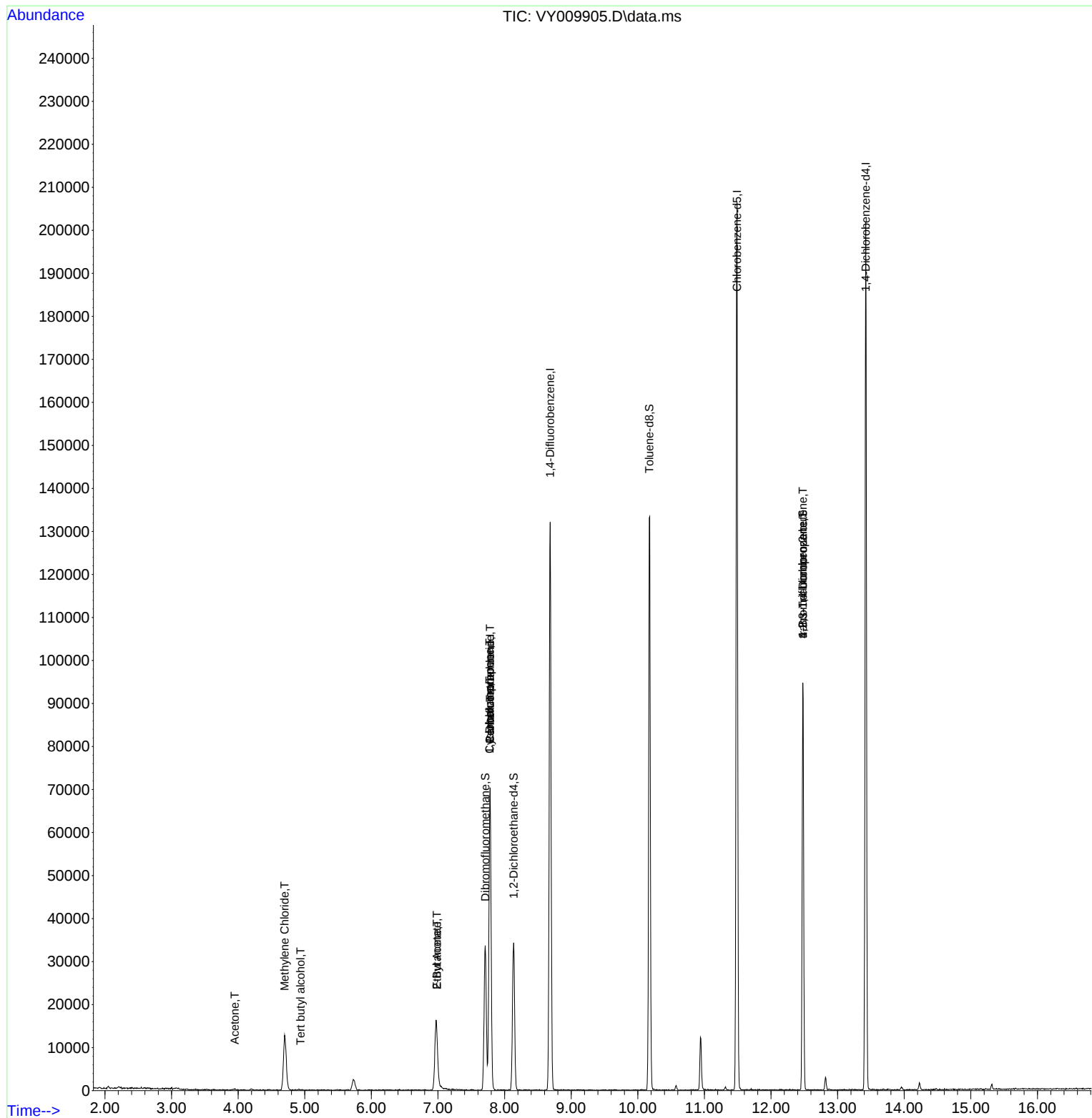
Internal Standards						
1) Pentafluorobenzene	7.783	168	53272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	109902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25185	61.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.480%
35) Dibromofluoromethane	7.710	113	23532	39.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.420%
50) Toluene-d8	10.173	98	85935	46.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.477	95	27393	32.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.936	59	133	2.202	ug/l #	78
16) Acetone	3.948	43	500	3.327	ug/l #	45
18) Methyl Acetate	4.466	43	207	Below Cal	#	52
20) Methylene Chloride	4.698	84	8566	3.916	ug/l	97
25) 2-Butanone	6.984	43	884	3.572	ug/l #	48
31) Cyclohexane	7.777	56	1269	1.227	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	4542	4.485	ug/l #	49
37) Ethyl Acetate	6.984	43	884	1.316	ug/l #	1
38) Carbon Tetrachloride	7.783	117	5281	5.254	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14212	26.011	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14212	52.588	ug/l #	13

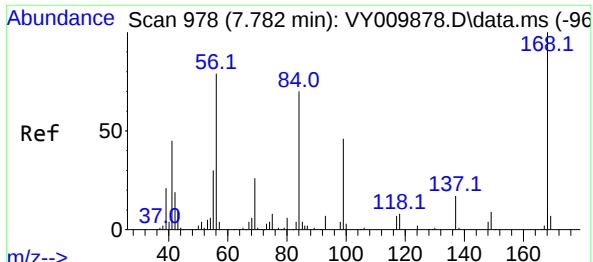
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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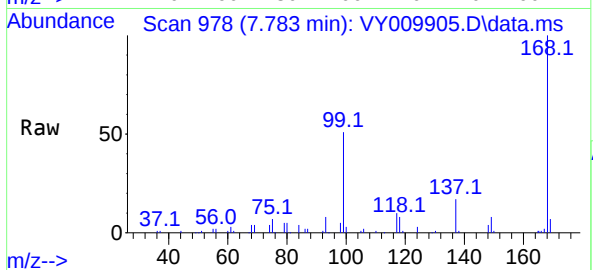
Quant Time: Aug 09 07:01:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



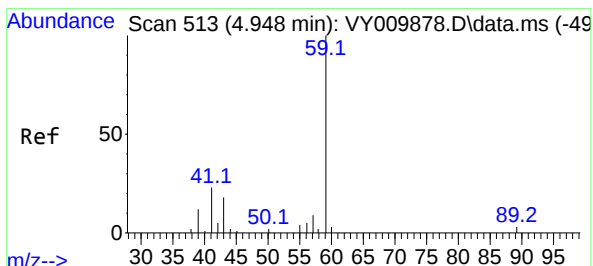
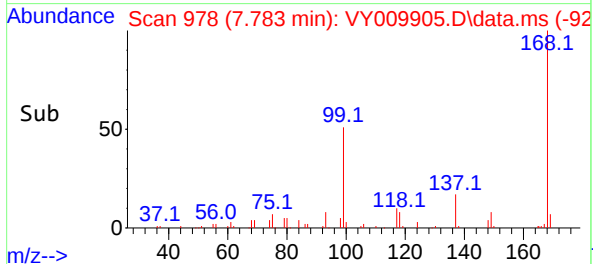
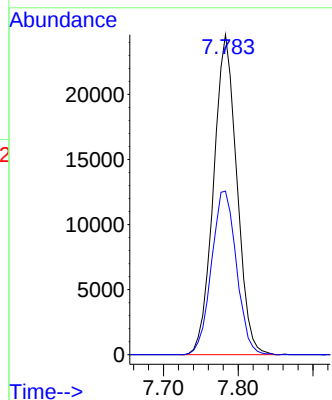


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

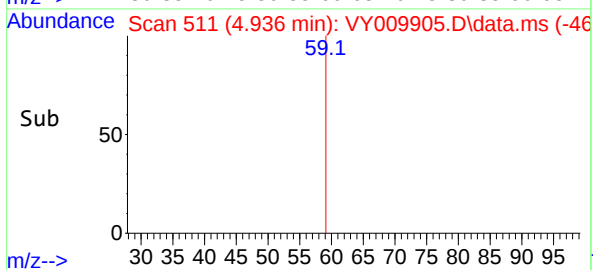
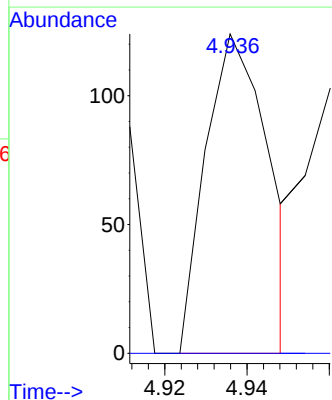
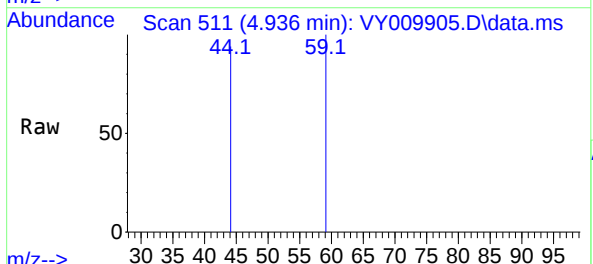


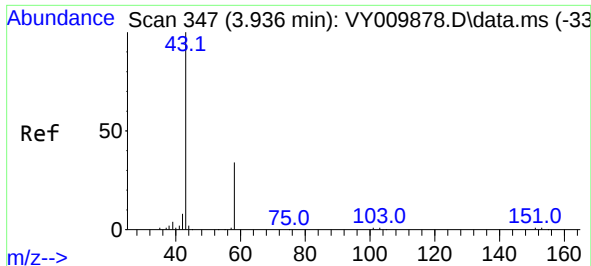
Tgt Ion:168 Resp: 53272
Ion Ratio Lower Upper
168 100
99 51.1 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.202 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

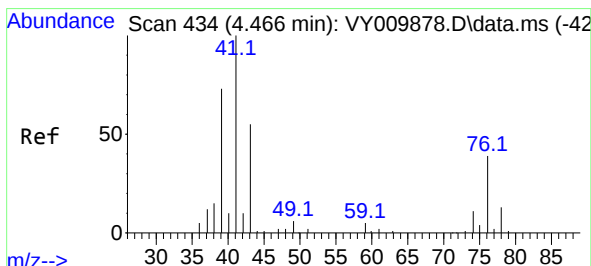
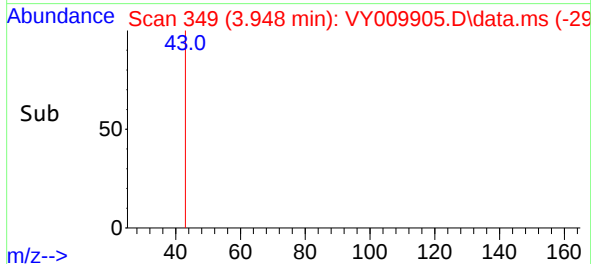
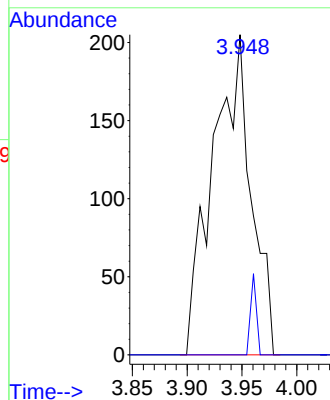
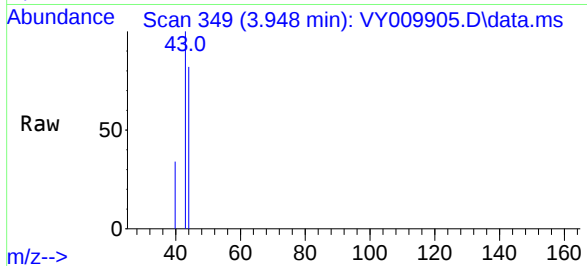




#16
Acetone
Concen: 3.327 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

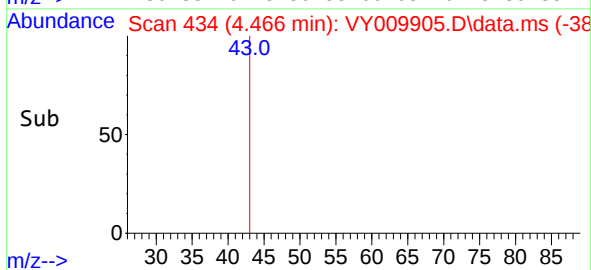
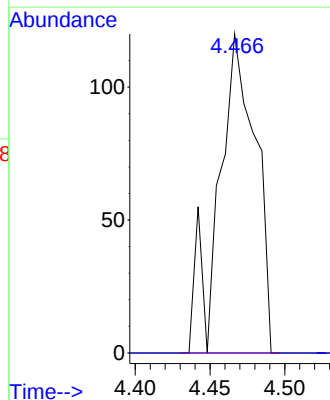
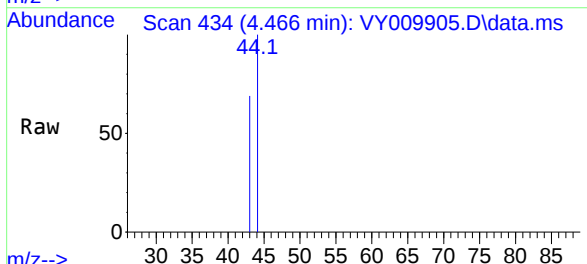
Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

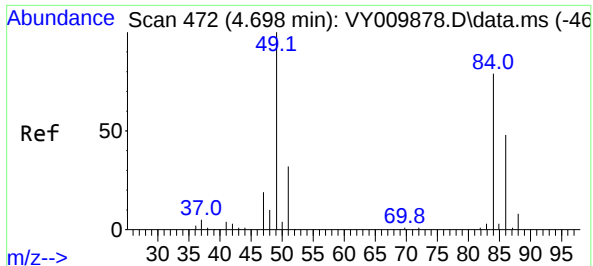
Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



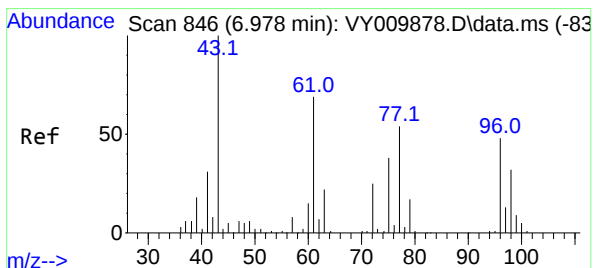
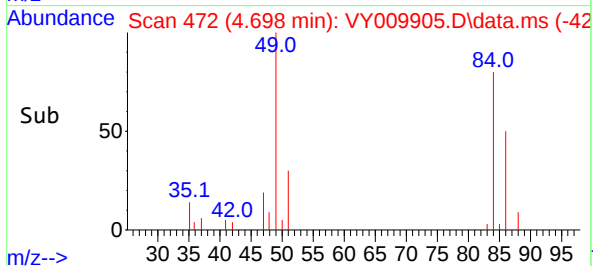
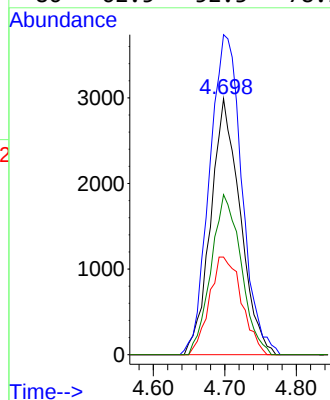
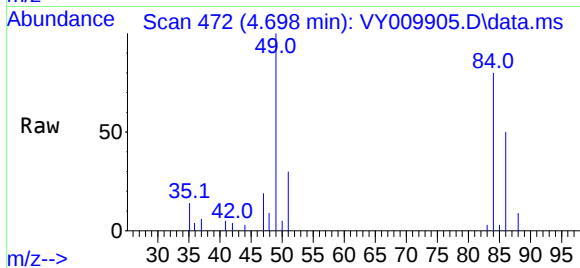


#20
Methylene Chloride
Concen: 3.916 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

Tgt Ion: 84 Resp: 8566

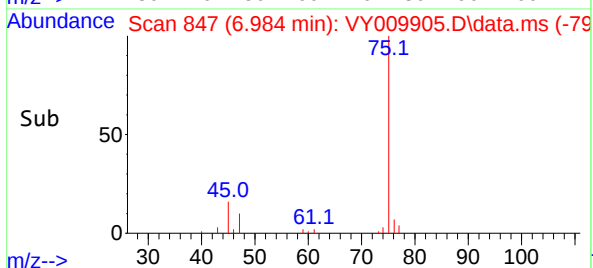
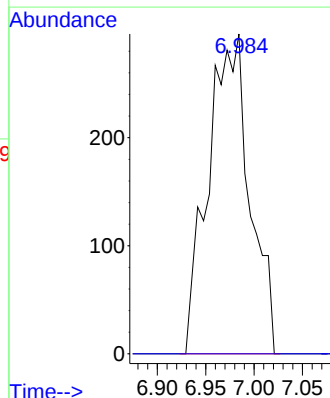
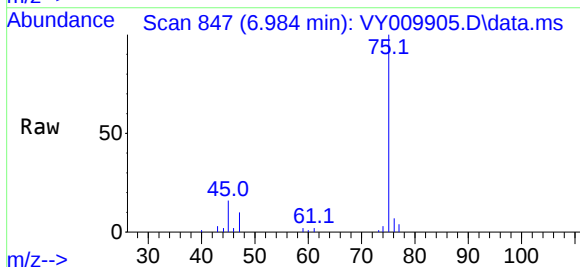
Ion	Ratio	Lower	Upper
84	100		
49	125.0	98.2	147.4
51	38.1	33.4	50.0
86	62.5	52.3	78.5

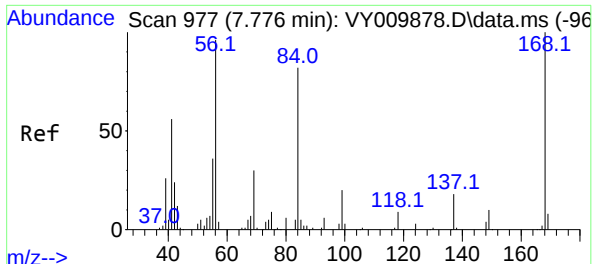


#25
2-Butanone
Concen: 3.572 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 43 Resp: 884

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

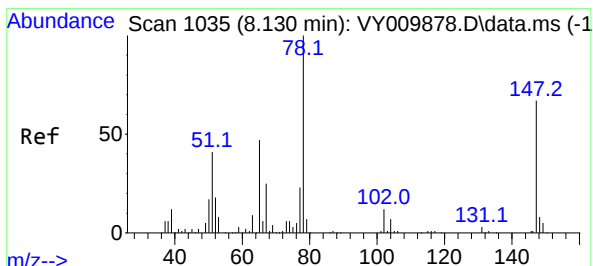
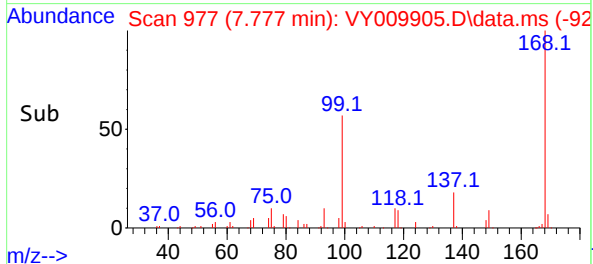
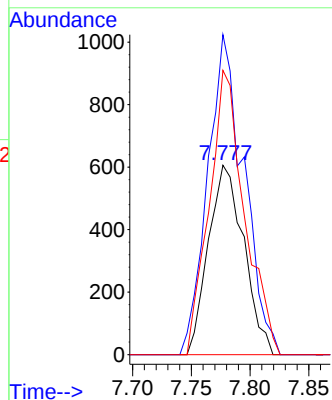
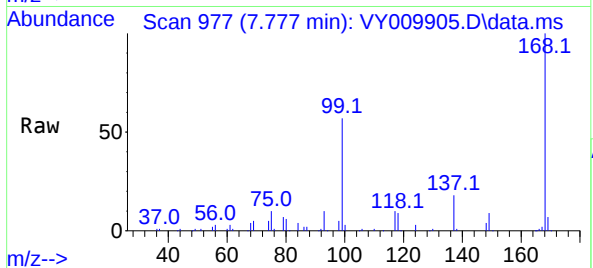




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

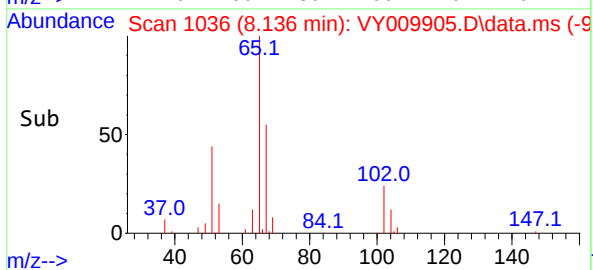
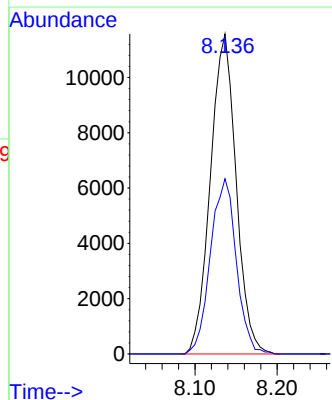
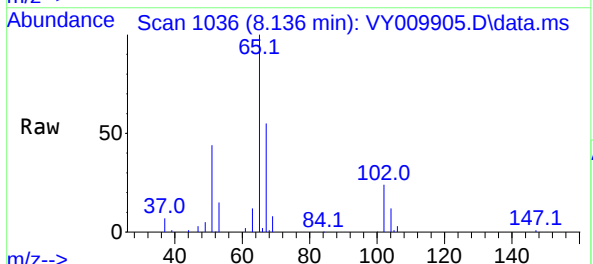
Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

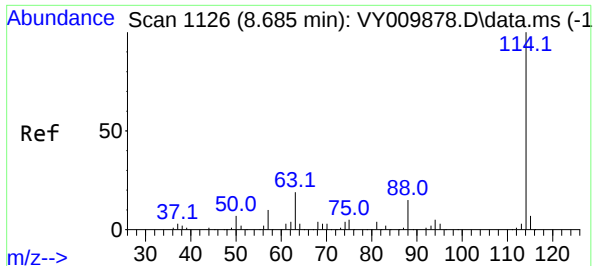
Tgt Ion: 56 Resp: 1269
Ion Ratio Lower Upper
56 100
69 169.0 26.0 39.0#
84 150.2 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 61.739 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 65 Resp: 25185
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009905.D

Acq: 09 Aug 2022 03:56

Instrument :

MSVOA_Y

ClientSampleId :

RVE-200

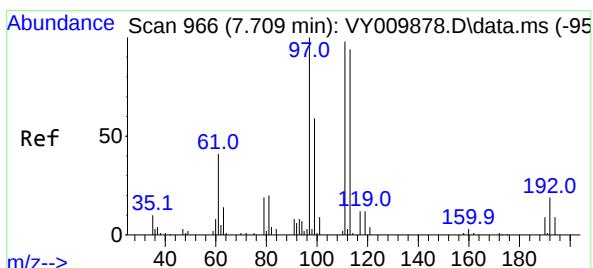
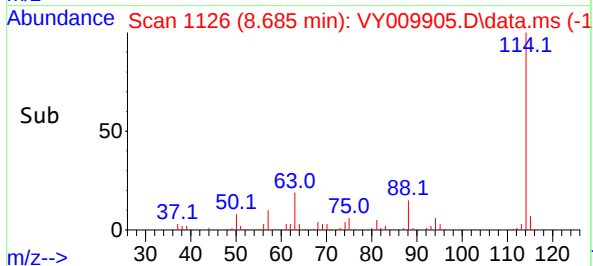
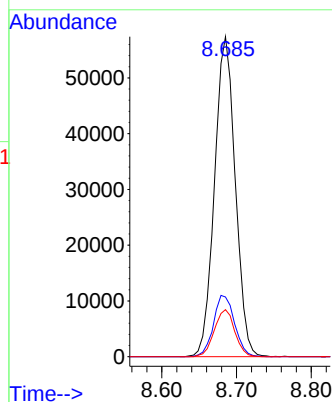
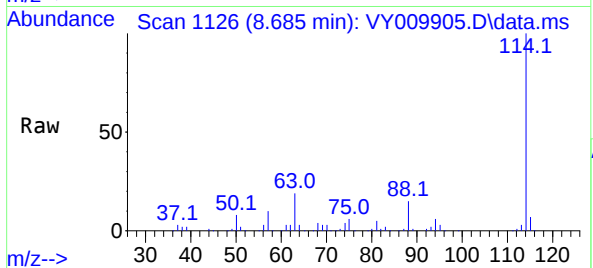
Tgt Ion:114 Resp: 110558

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.0

88 14.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 39.210 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009905.D

Acq: 09 Aug 2022 03:56

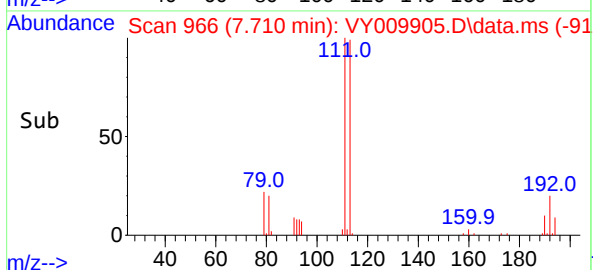
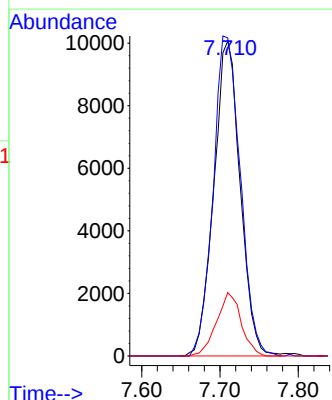
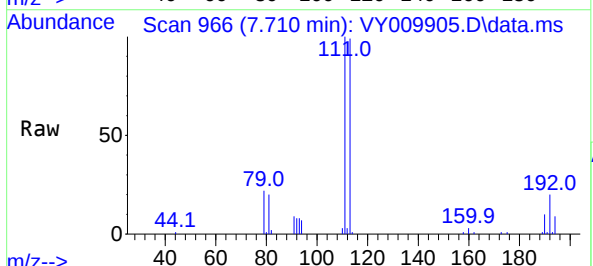
Tgt Ion:113 Resp: 23532

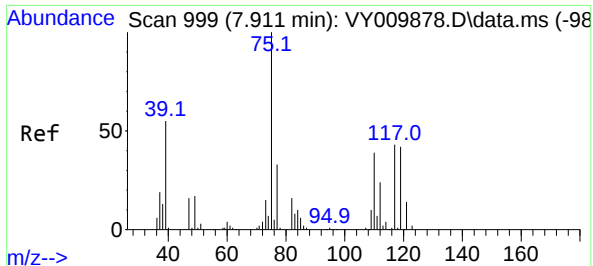
Ion Ratio Lower Upper

113 100

111 104.4 80.6 120.8

192 18.9 16.2 24.4

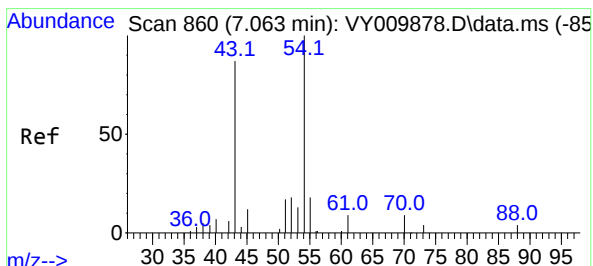
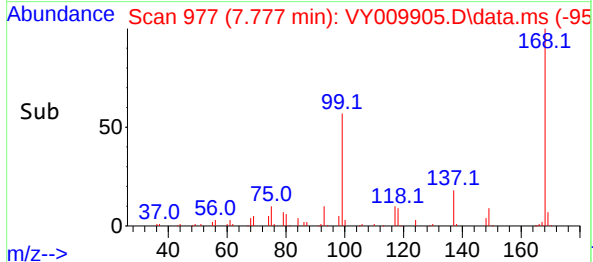
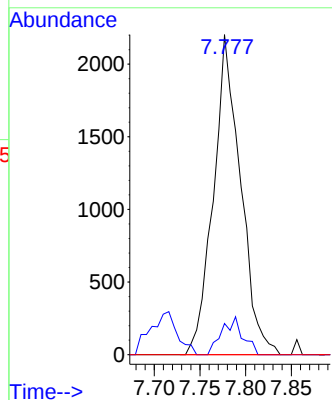
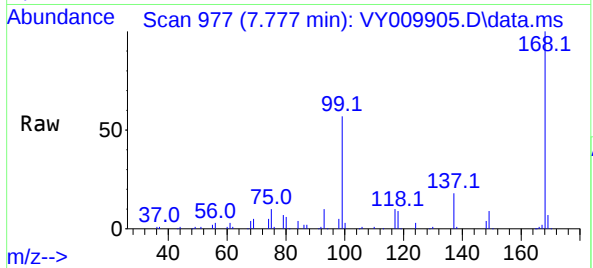




#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

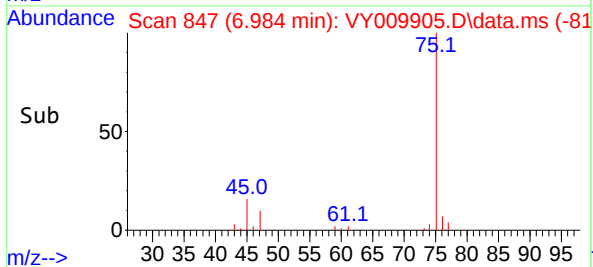
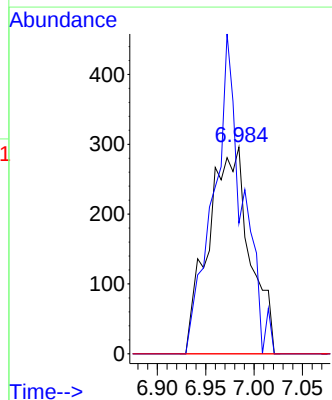
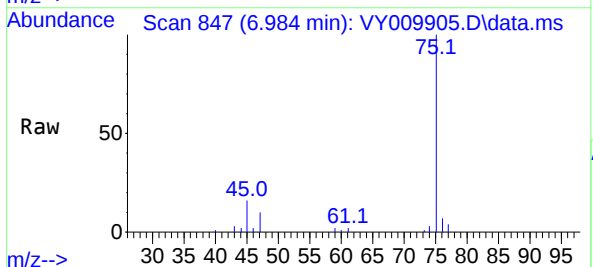
Instrument :
MSVOA_Y
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RVE-200

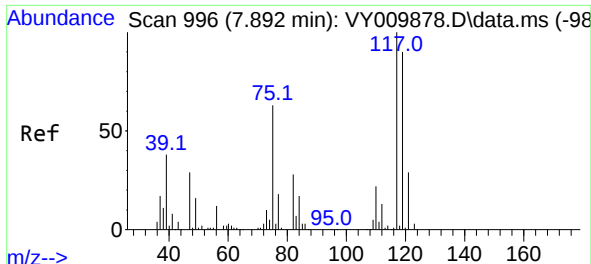
Tgt Ion: 75 Resp: 4542
Ion Ratio Lower Upper
75 100
110 9.1 18.6 56.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.316 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.079 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

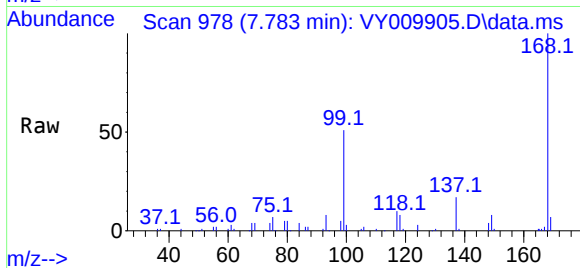
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
61 108.9 11.2 16.8#
70 0.0 8.4 12.6#



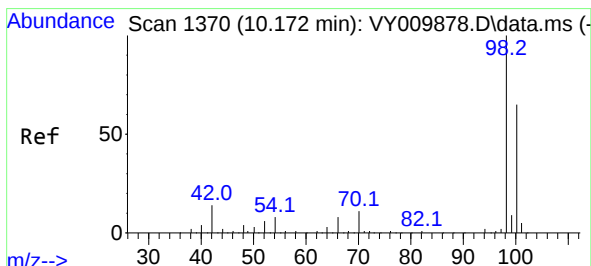
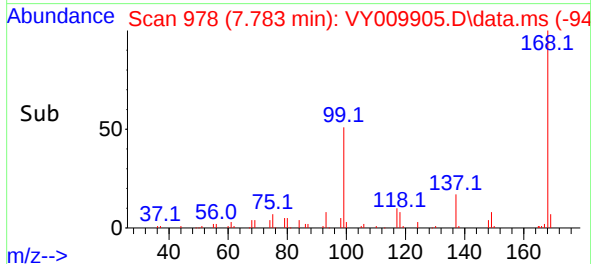
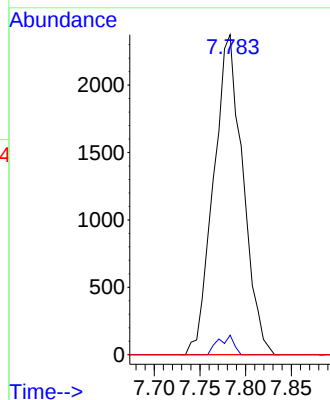


#38
Carbon Tetrachloride
Concen: 5.254 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

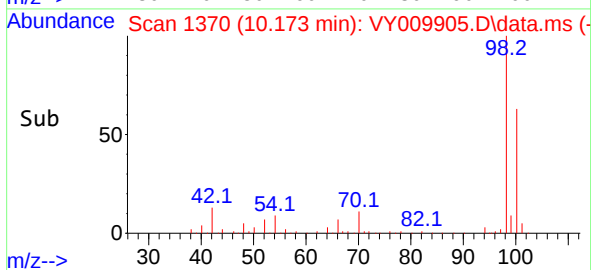
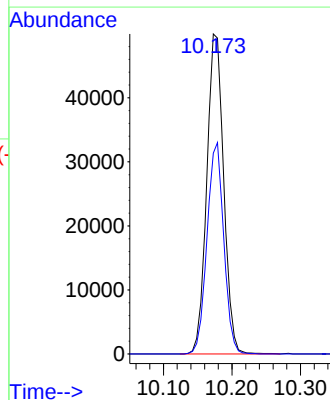
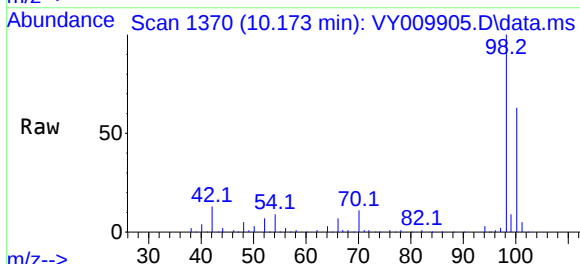


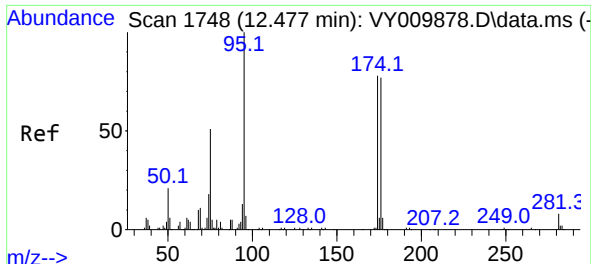
Tgt Ion:117 Resp: 5281
Ion Ratio Lower Upper
117 100
119 6.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 46.845 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 98 Resp: 85935
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3

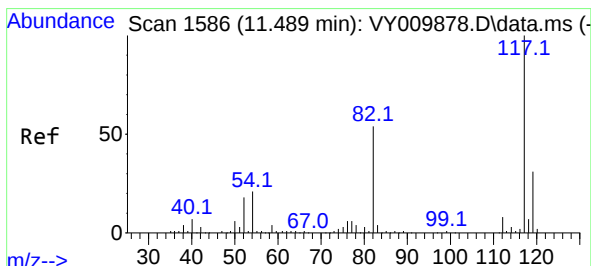
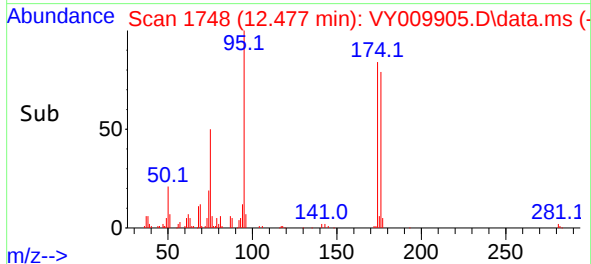
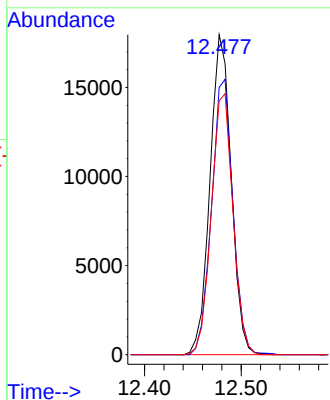
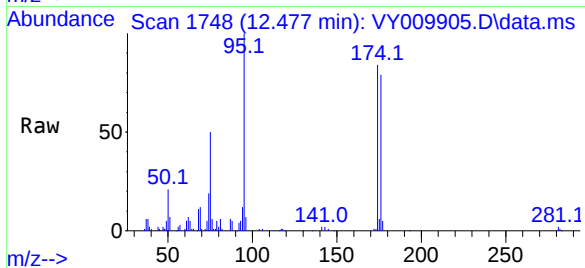




#62
4-Bromofluorobenzene
Concen: 32.689 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

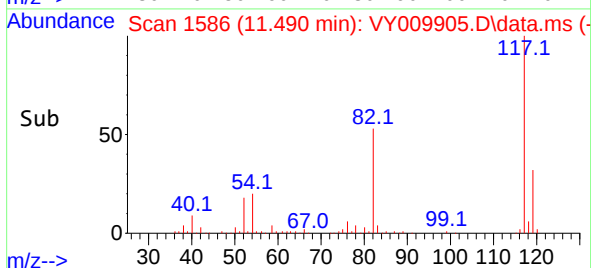
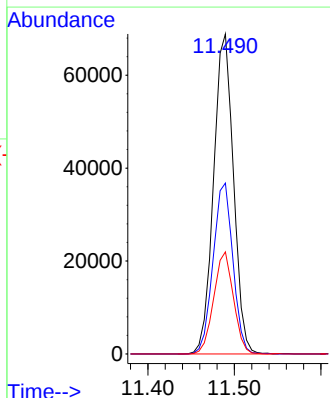
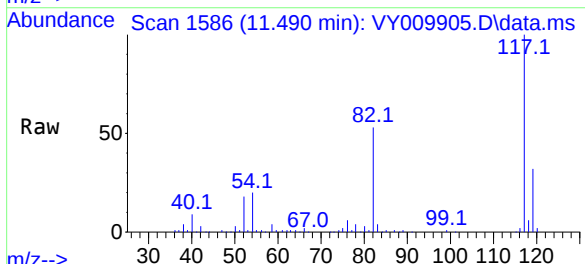
Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

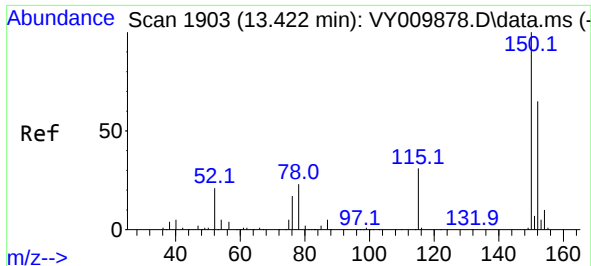
Tgt Ion: 95 Resp: 27393
Ion Ratio Lower Upper
95 100
174 86.4 0.0 173.8
176 83.1 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 117 Resp: 109902
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 31.9 25.6 38.4

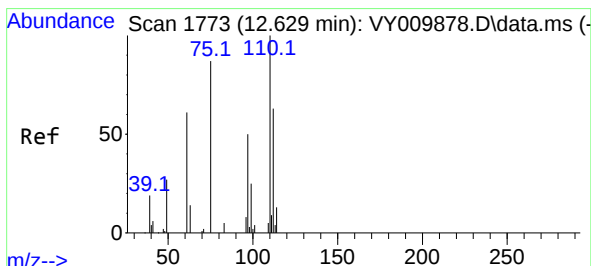
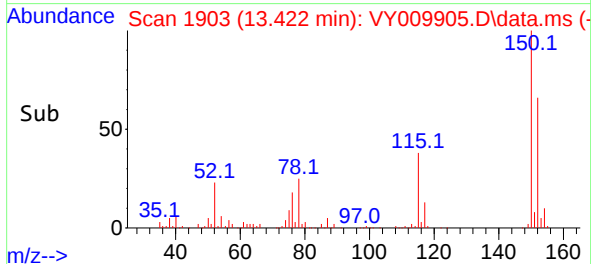
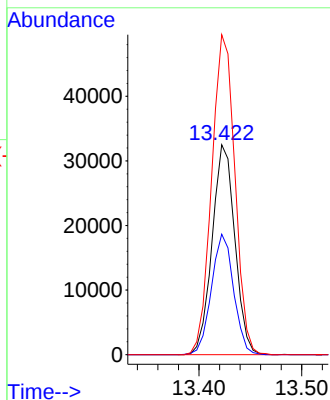
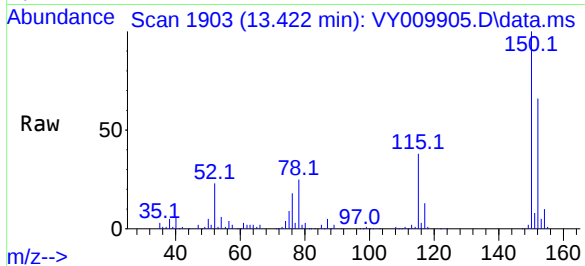




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

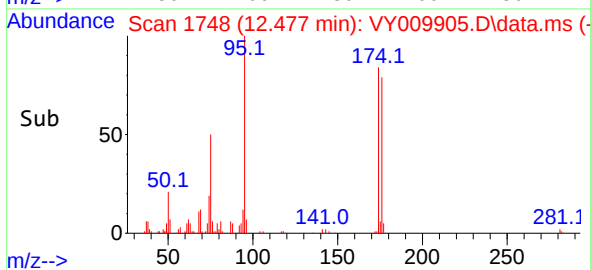
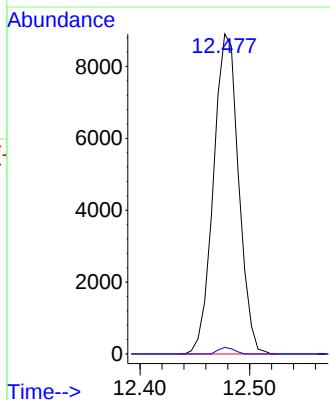
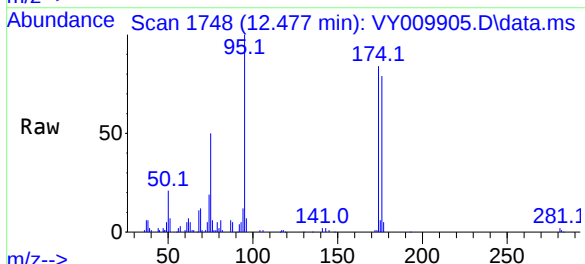
Instrument :
MSVOA_Y
ClientSampleId :
RVE-200

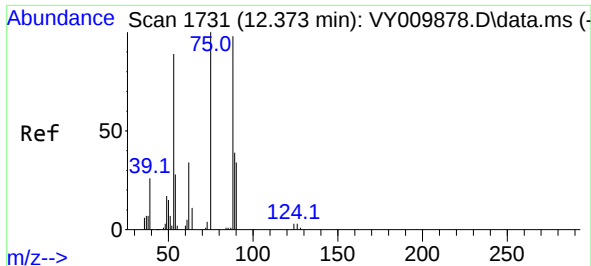
Tgt Ion:152 Resp: 49940
Ion Ratio Lower Upper
152 100
115 56.0 28.6 85.9
150 155.7 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 26.011 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009905.D
Acq: 09 Aug 2022 03:56

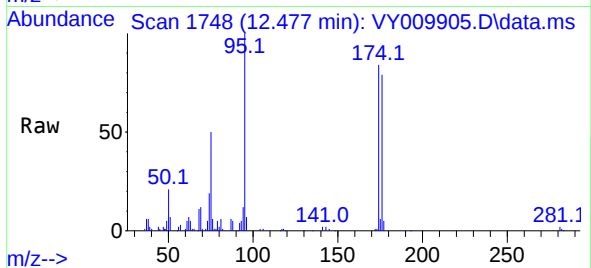
Tgt Ion: 75 Resp: 14212
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.588 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009905.D
 Acq: 09 Aug 2022 03:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-200



Tgt Ion: 75 Resp: 14212
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

