

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009893.D
 Acq On : 09 Aug 2022 00:23
 Operator : KP/MD
 Sample : N3963-03
 Misc : 3.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-208

Quant Time: Aug 09 02:19:40 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)

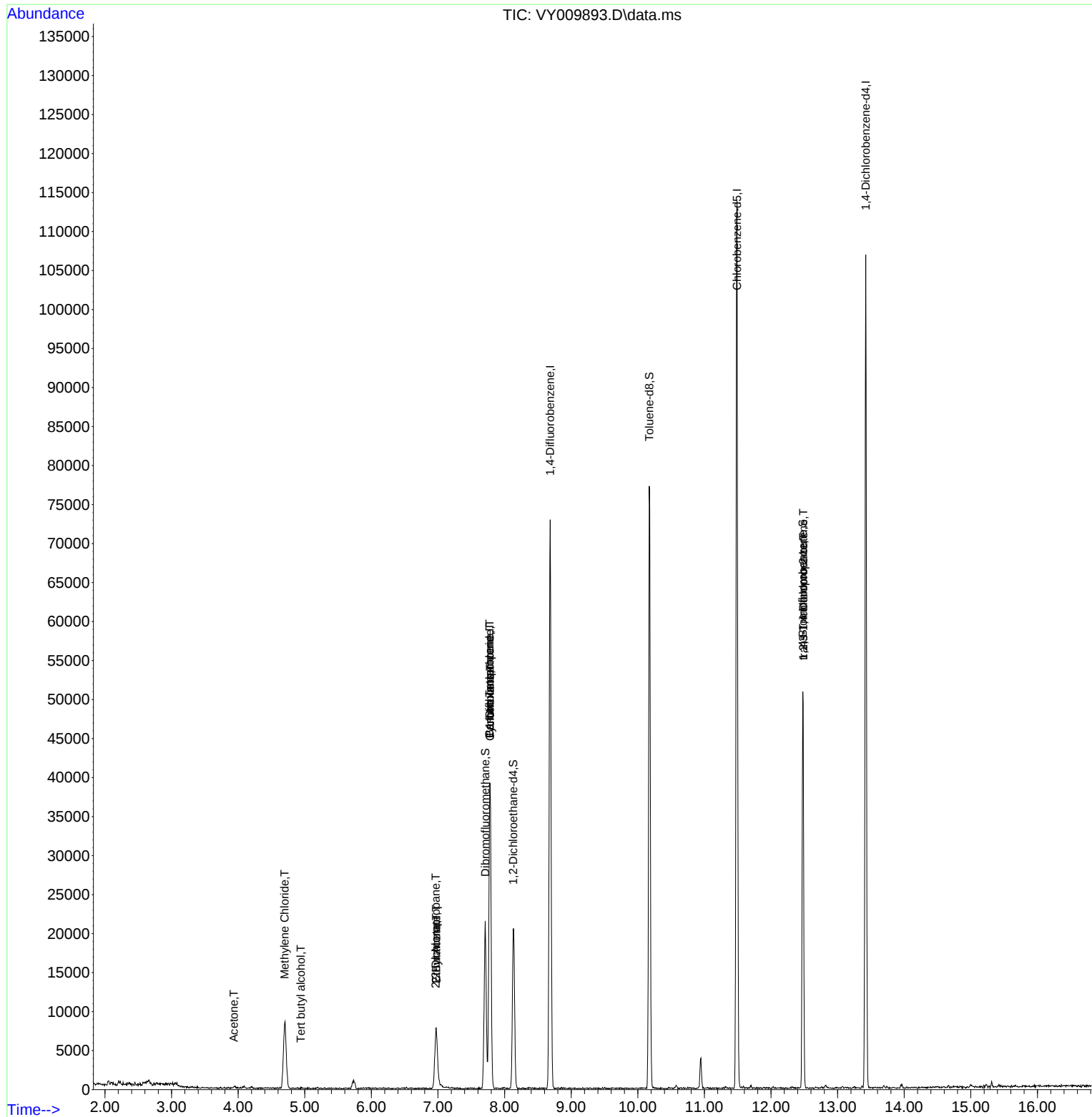
Internal Standards						
1) Pentafluorobenzene	7.777	168	30662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	61115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	15650	67.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.340%
35) Dibromofluoromethane	7.710	113	14213	42.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.900%
50) Toluene-d8	10.172	98	49687	48.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.477	95	15331	32.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	63	1.812	ug/l #	78
16) Acetone	3.936	43	379	4.382	ug/l #	45
18) Methyl Acetate	4.466	43	20	Below Cal	#	52
20) Methylene Chloride	4.698	84	6187	7.612	ug/l	91
25) 2-Butanone	6.972	43	434	3.047	ug/l #	48
26) 2,2-Dichloropropane	6.966	77	600	1.120	ug/l #	52
31) Cyclohexane	7.783	56	748	1.257	ug/l #	19
36) 1,1-Dichloropropene	7.777	75	2531	4.479	ug/l #	46
37) Ethyl Acetate	6.972	43	434	1.158	ug/l #	1
38) Carbon Tetrachloride	7.777	117	3091	5.512	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	8205	29.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8205	59.070	ug/l #	13

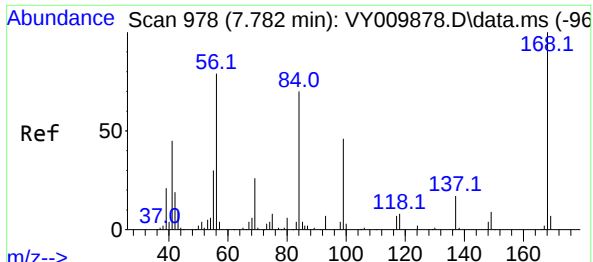
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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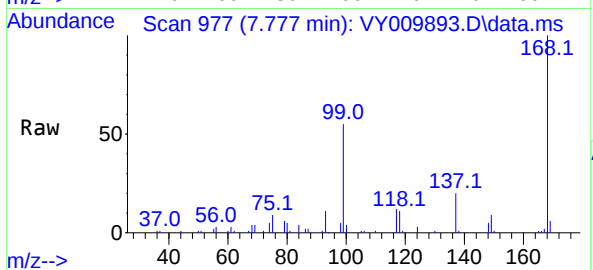
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



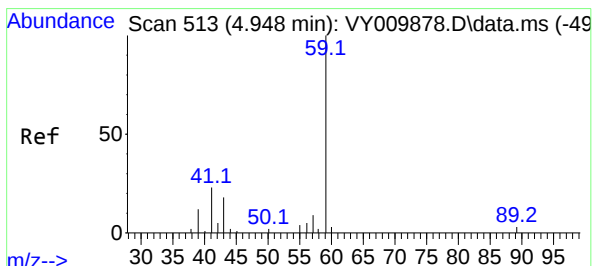
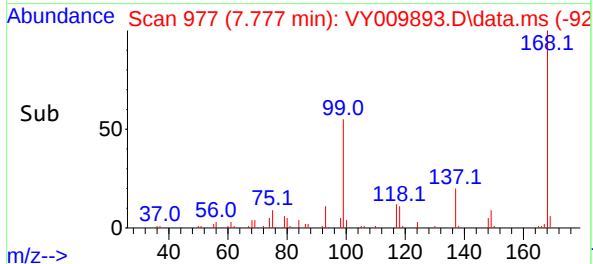
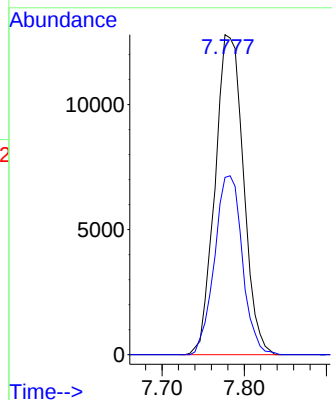


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

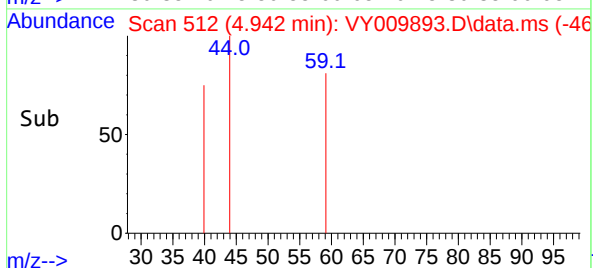
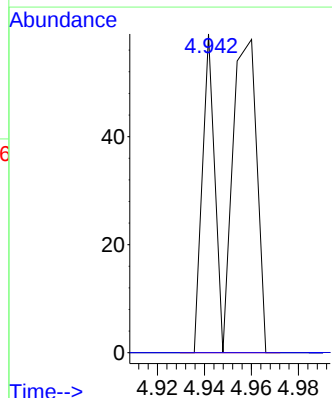
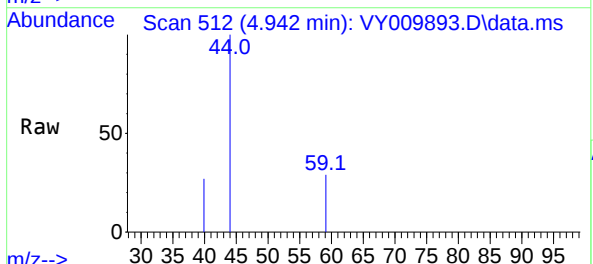


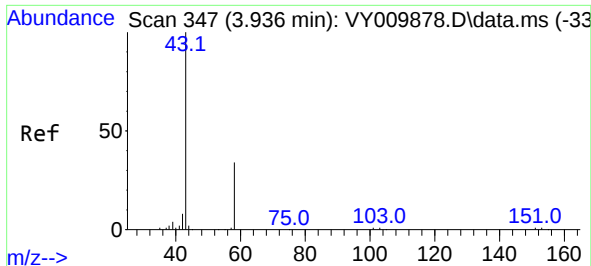
Tgt Ion:168 Resp: 30662
Ion Ratio Lower Upper
168 100
99 55.4 42.1 63.1



#11
Tert butyl alcohol
Concen: 1.812 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

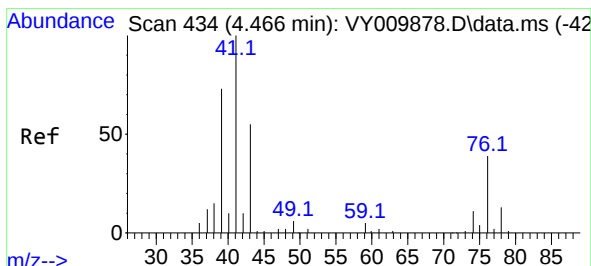
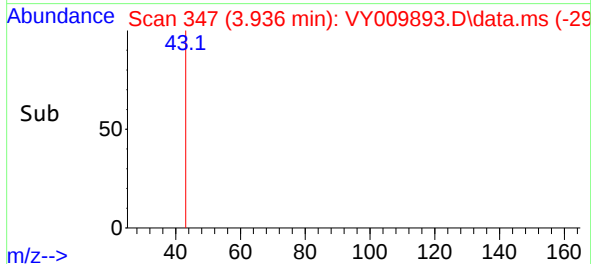
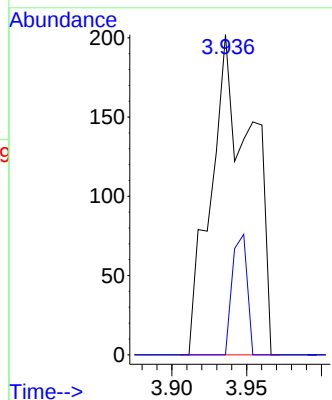
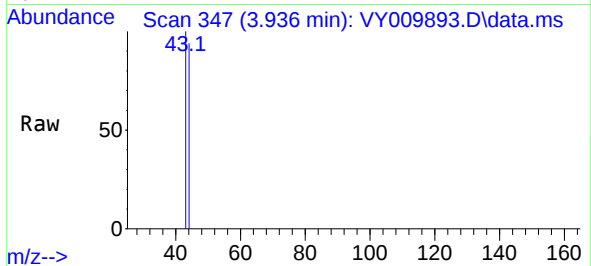




#16
Acetone
Concen: 4.382 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

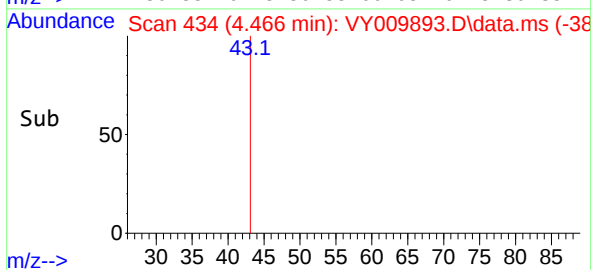
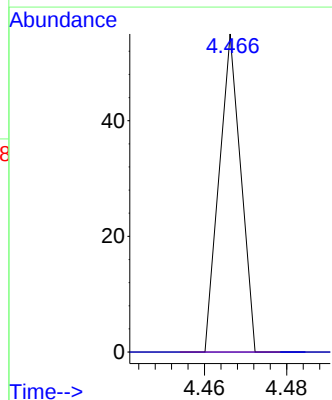
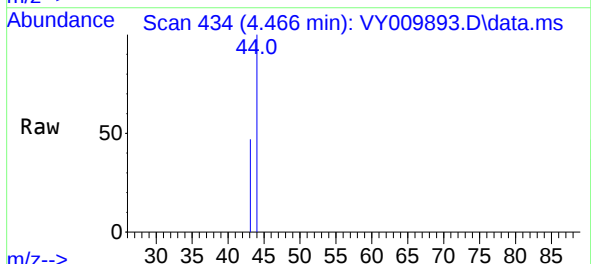
Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

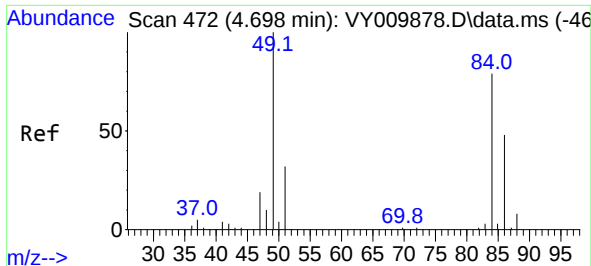
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



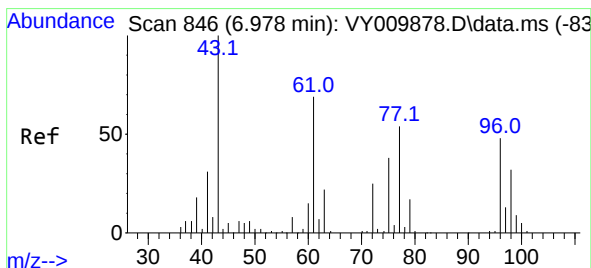
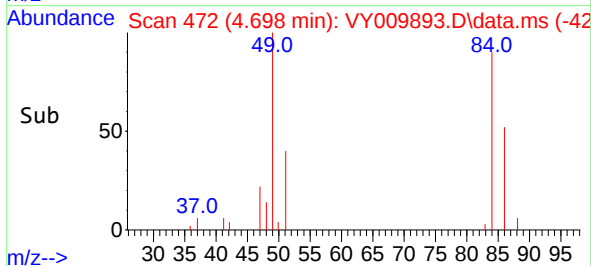
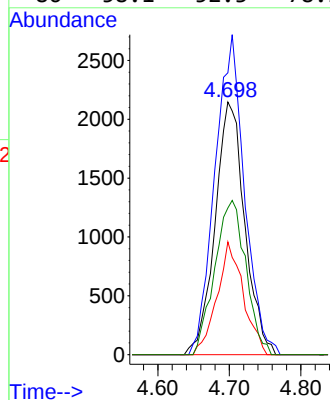
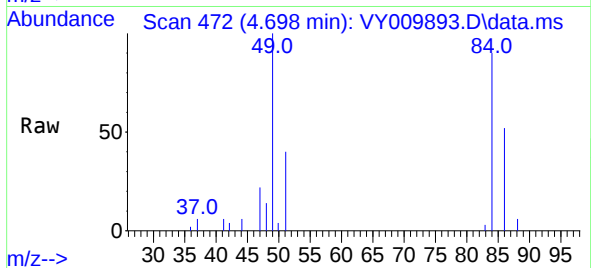


#20
Methylene Chloride
Concen: 7.612 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

Tgt Ion: 84 Resp: 6187

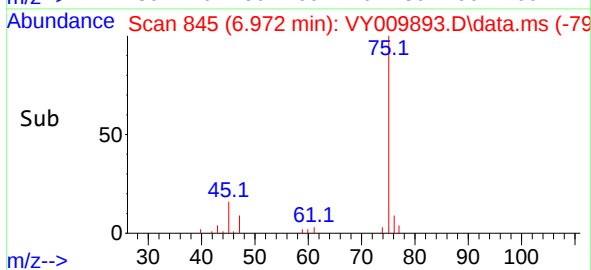
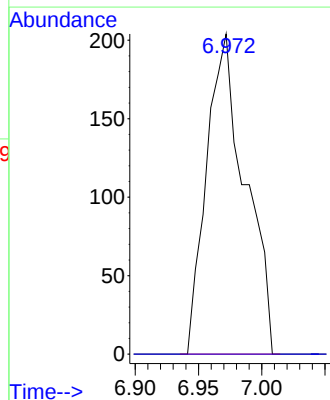
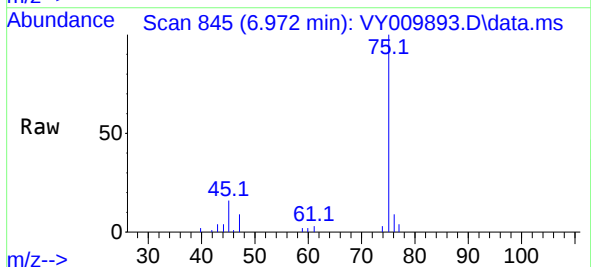
Ion	Ratio	Lower	Upper
84	100		
49	111.6	98.2	147.4
51	44.6	33.4	50.0
86	58.1	52.3	78.5

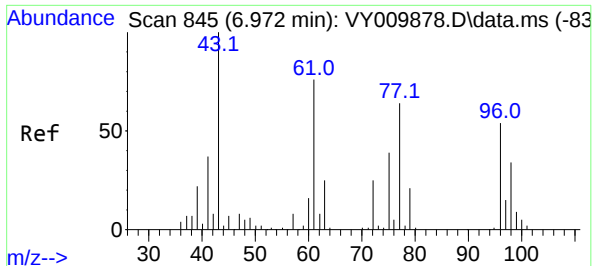


#25
2-Butanone
Concen: 3.047 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 43 Resp: 434

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#





#26

2,2-Dichloropropane

Concen: 1.120 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009893.D

Acq: 09 Aug 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

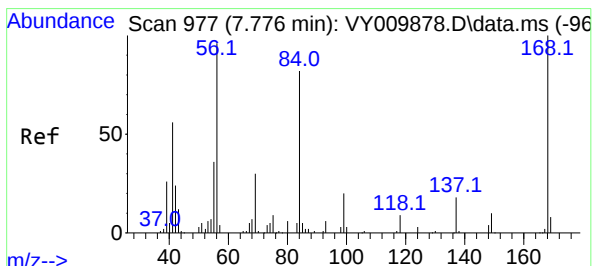
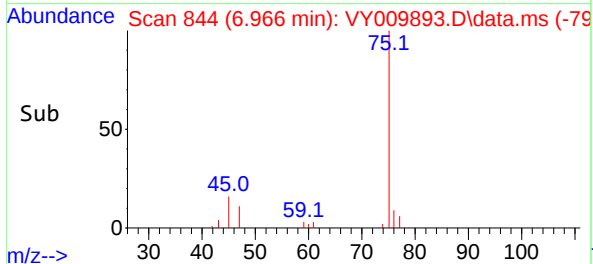
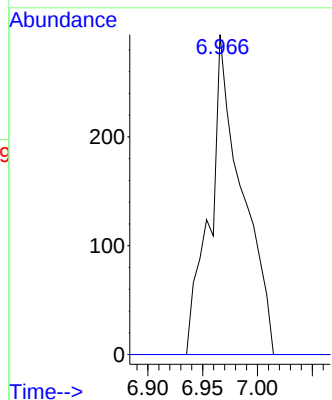
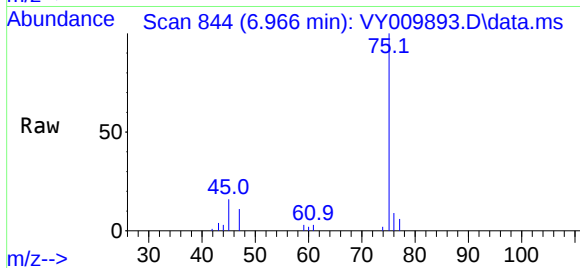
RVE-208

Tgt Ion: 77 Resp: 600

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.007 min

Lab File: VY009893.D

Acq: 09 Aug 2022 00:23

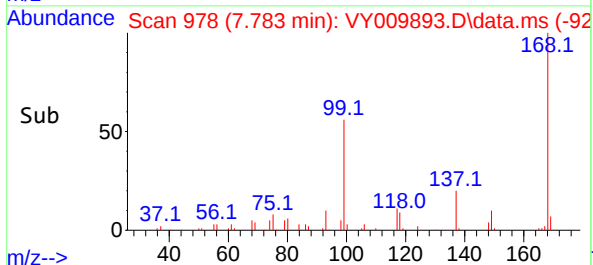
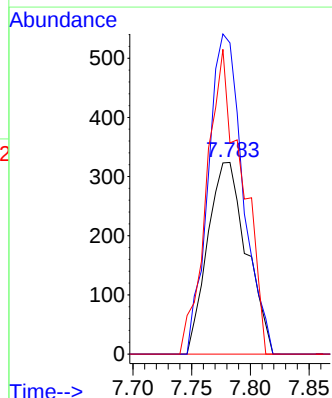
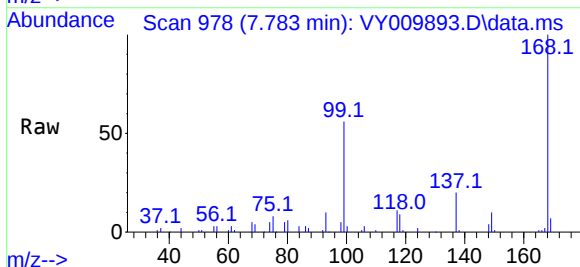
Tgt Ion: 56 Resp: 748

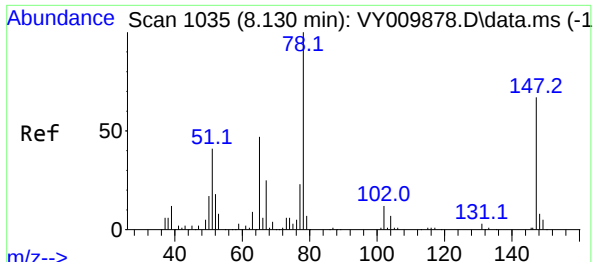
Ion Ratio Lower Upper

56 100

69 162.3 26.0 39.0#

84 110.2 69.5 104.3#

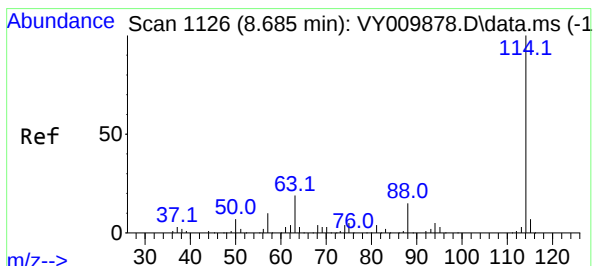
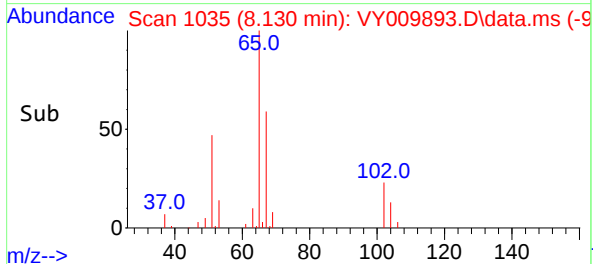
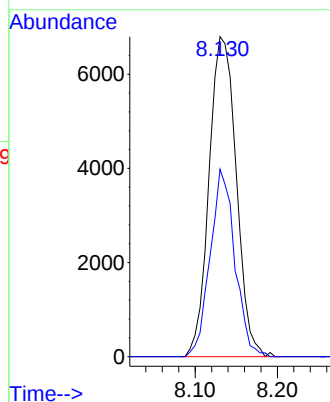
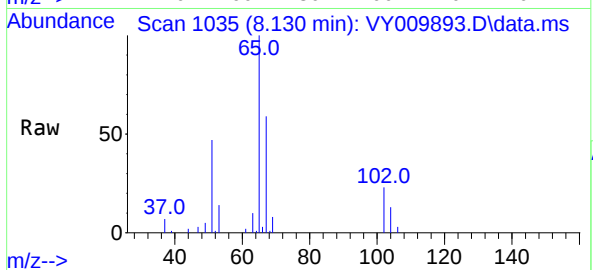




#33
1,2-Dichloroethane-d4
Concen: 67.172 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

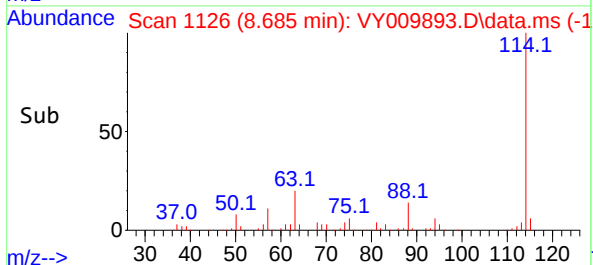
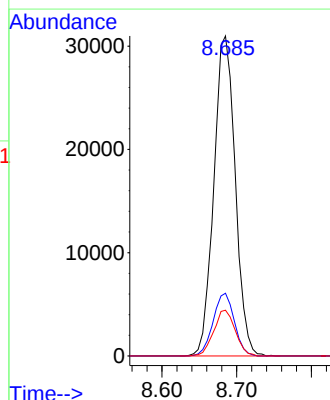
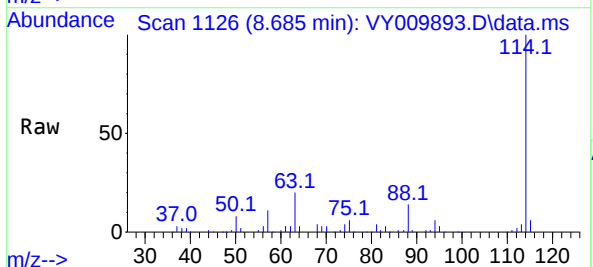
Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

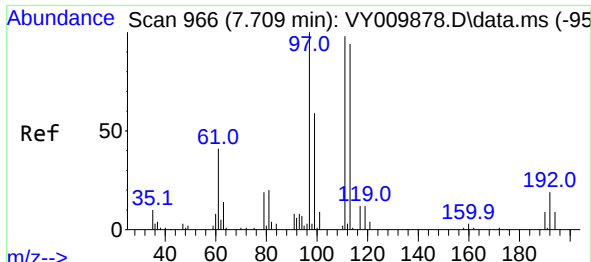
Tgt Ion: 65 Resp: 15650
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

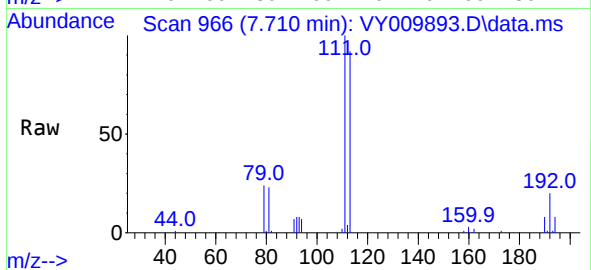
Tgt Ion: 114 Resp: 61685
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.0
88 14.3 0.0 30.0





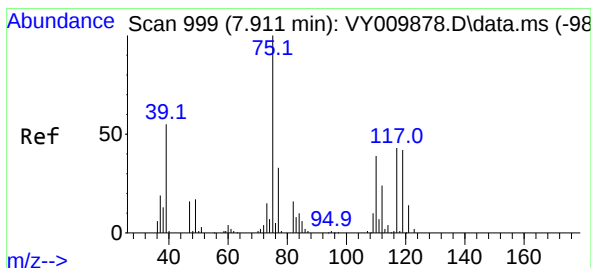
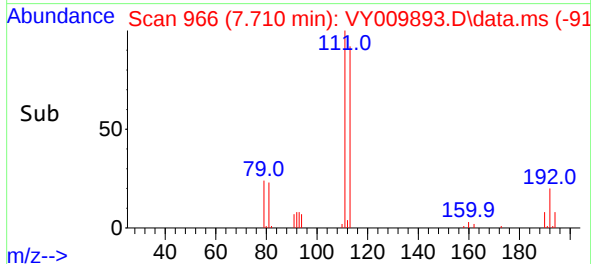
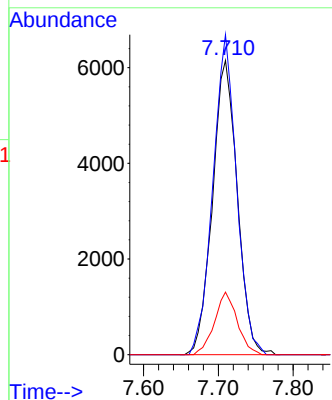
#35
Dibromofluoromethane
Concen: 42.445 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Instrument :
MSVOA_Y
ClientSampleId :
RVE-208



Tgt Ion:113 Resp: 14213

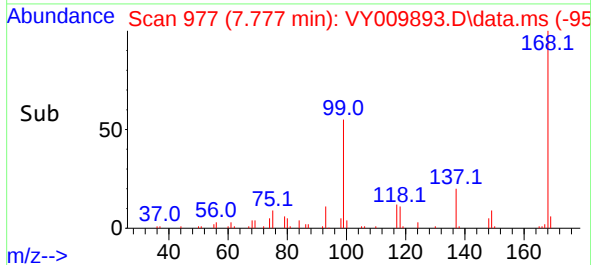
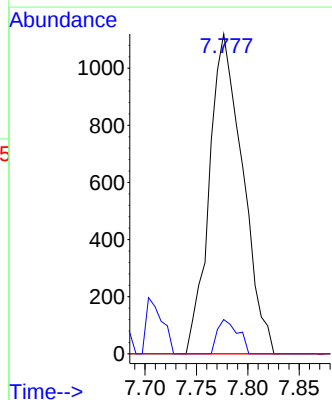
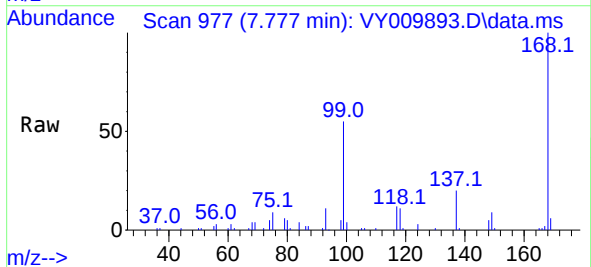
Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.6	120.8
192	19.5	16.2	24.4

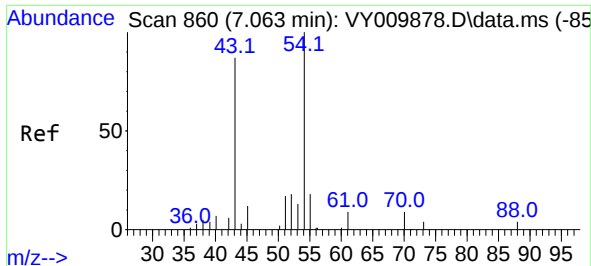


#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 75 Resp: 2531

Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.6	56.0#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 1.158 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY009893.D

Acq: 09 Aug 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

RVE-208

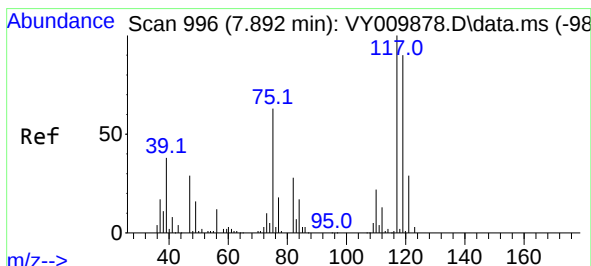
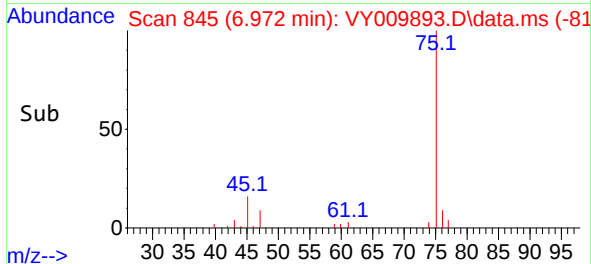
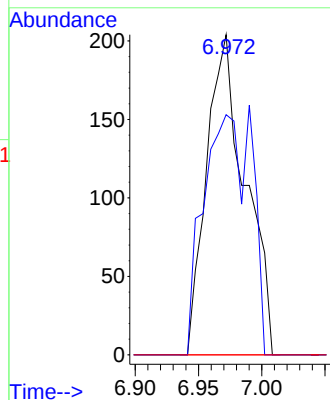
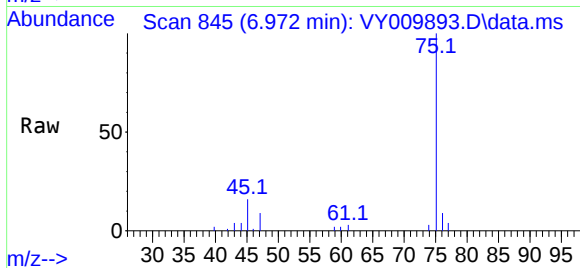
Tgt Ion: 43 Resp: 434

Ion Ratio Lower Upper

43 100

61 93.3 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.512 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.115 min

Lab File: VY009893.D

Acq: 09 Aug 2022 00:23

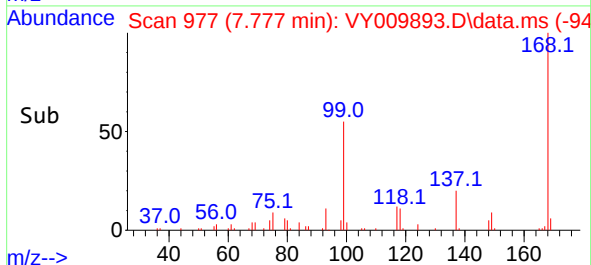
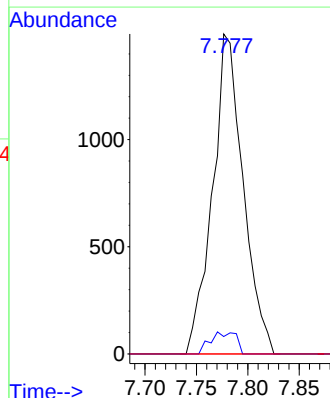
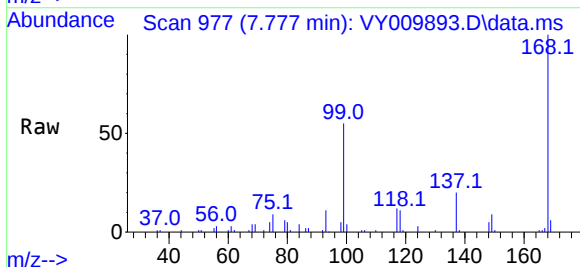
Tgt Ion: 117 Resp: 3091

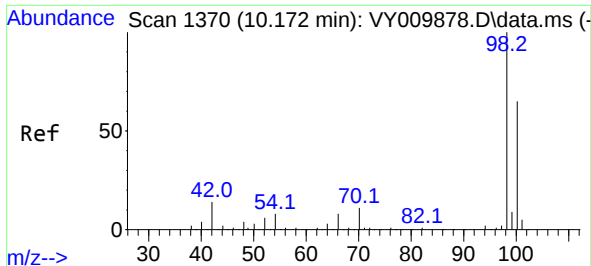
Ion Ratio Lower Upper

117 100

119 5.4 75.9 113.9#

121 0.0 24.9 37.3#

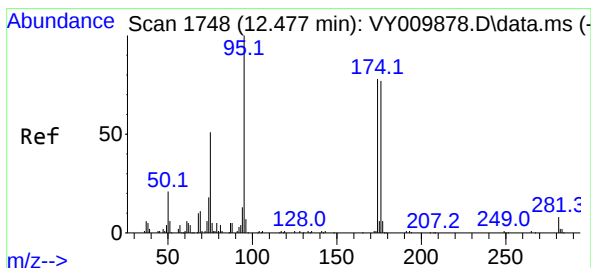
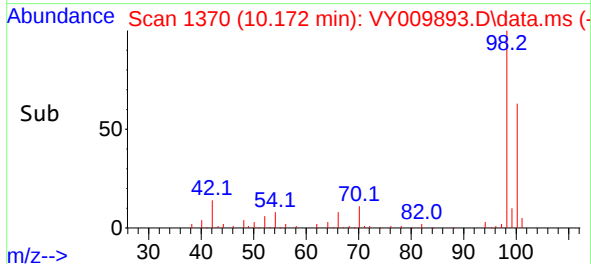
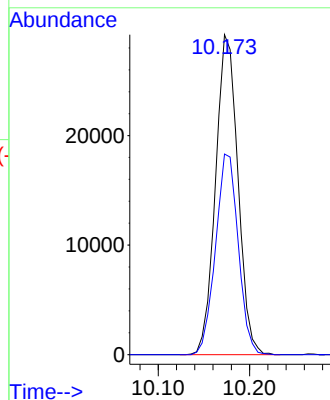
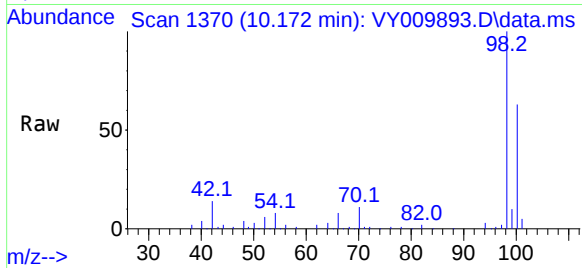




#50
Toluene-d8
Concen: 48.828 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

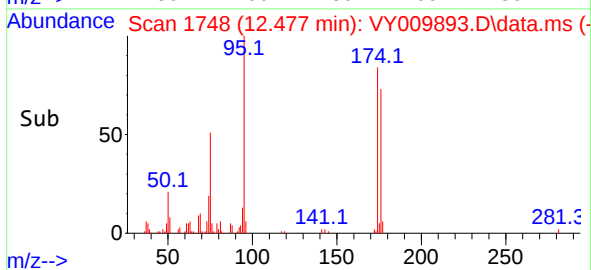
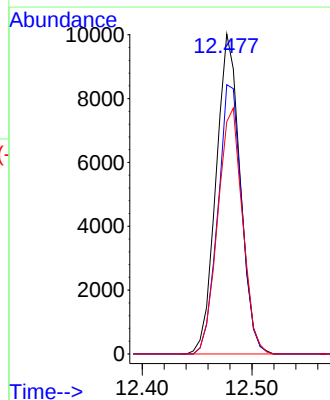
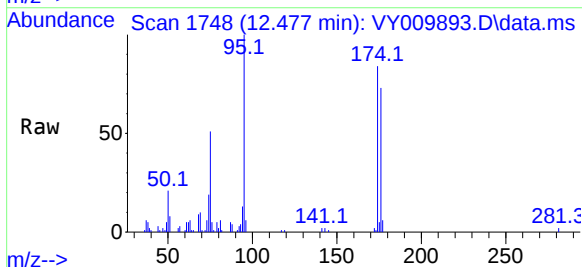
Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

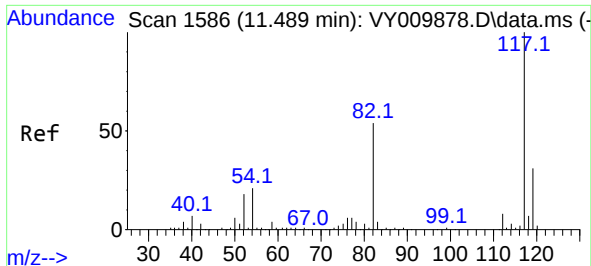
Tgt Ion: 98 Resp: 49687
Ion Ratio Lower Upper
98 100
100 63.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.790 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 95 Resp: 15331
Ion Ratio Lower Upper
95 100
174 83.8 0.0 173.8
176 78.7 0.0 167.0

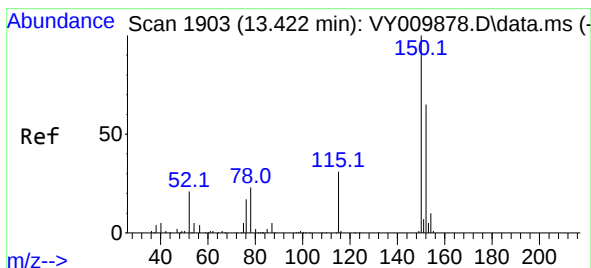
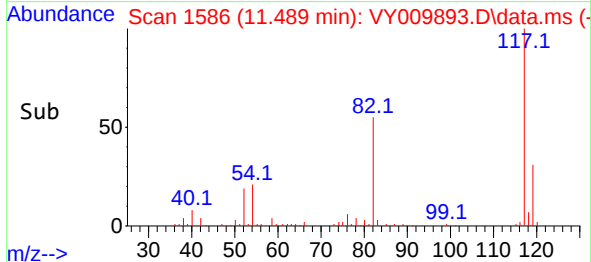
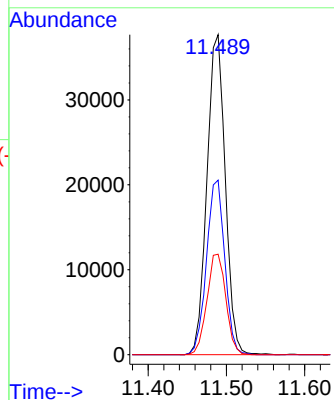
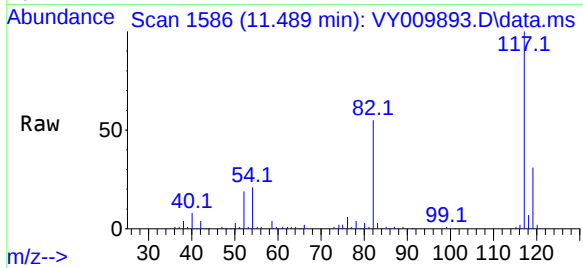




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

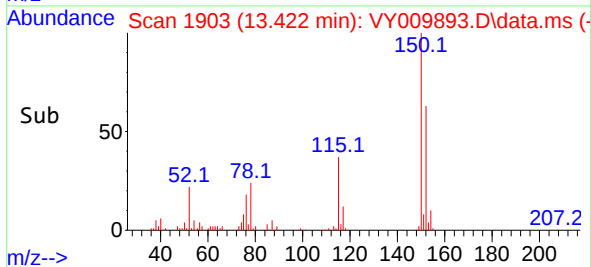
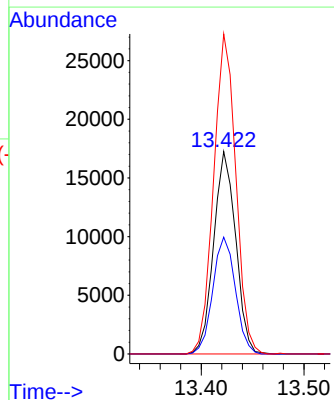
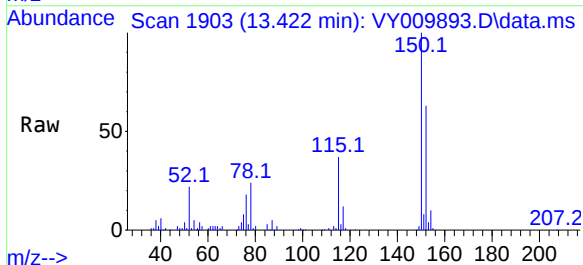
Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

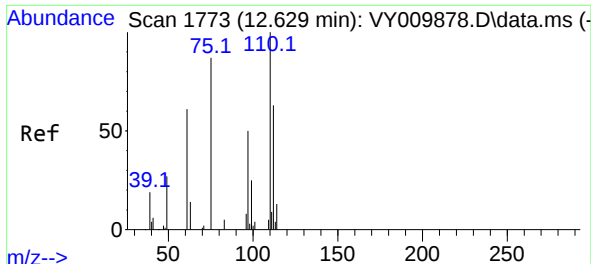
Tgt Ion:117 Resp: 61115
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion:152 Resp: 25668
Ion Ratio Lower Upper
152 100
115 59.1 28.6 85.9
150 159.1 0.0 349.8

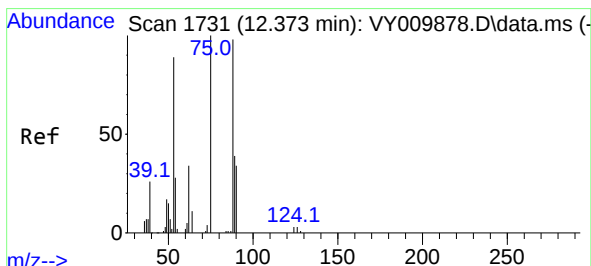
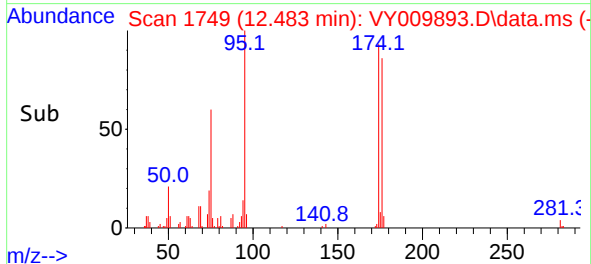
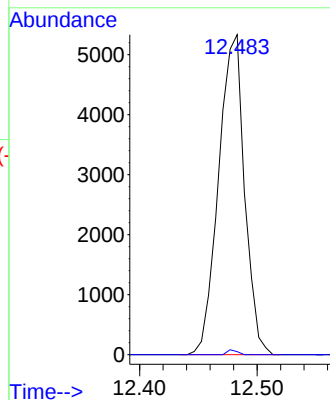
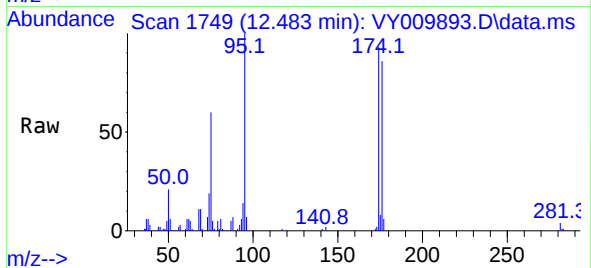




#76
1,2,3-Trichloropropane
Concen: 29.217 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Instrument :
MSVOA_Y
ClientSampleId :
RVE-208

Tgt Ion: 75 Resp: 8205
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY009893.D
Acq: 09 Aug 2022 00:23

Tgt Ion: 75 Resp: 8205
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

