

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009771.D
 Acq On : 29 Jul 2022 14:42
 Operator : KP/MD
 Sample : N3930-12
 Misc : 4.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-104

Quant Time: Aug 01 01:13:09 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

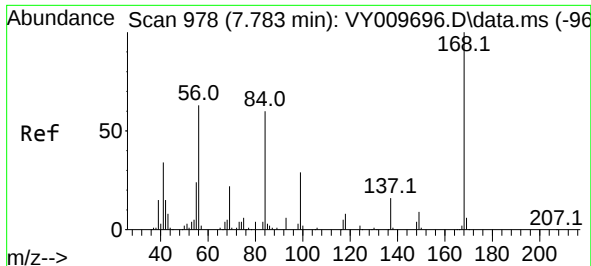
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	154987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66207	65.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.620%
35) Dibromofluoromethane	7.710	113	64264	43.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.060%
50) Toluene-d8	10.179	98	238061	55.167	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.477	95	79111	39.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.900%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	2568	6.930	ug/l	90
18) Methyl Acetate	4.466	43	109	Below Cal	#	56
20) Methylene Chloride	4.704	84	19957	1.904	ug/l	91
25) 2-Butanone	6.978	43	1647	3.013	ug/l #	75
31) Cyclohexane	7.783	56	2728	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10298	4.237	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13924	5.347	ug/l #	16
43) Isopropyl Acetate	8.118	43	3796	1.508	ug/l #	5
76) 1,2,3-Trichloropropane	12.477	75	40504	31.969	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40504	63.724	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
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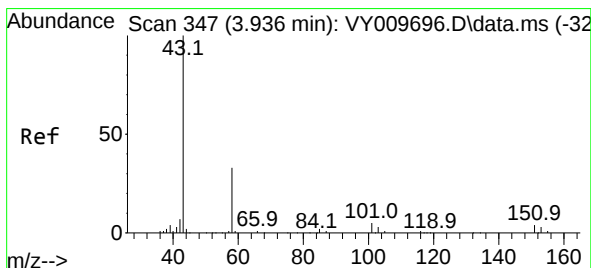
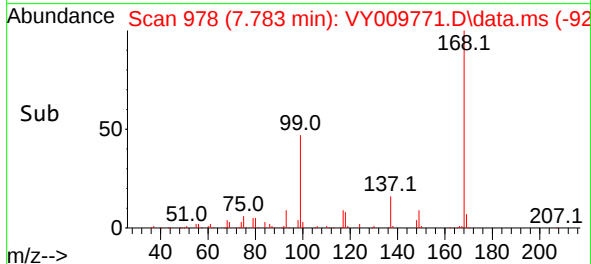
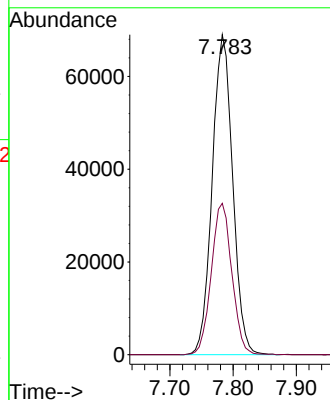
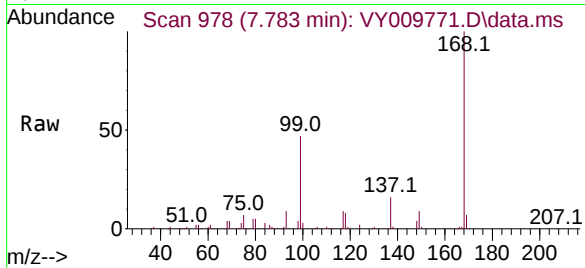




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

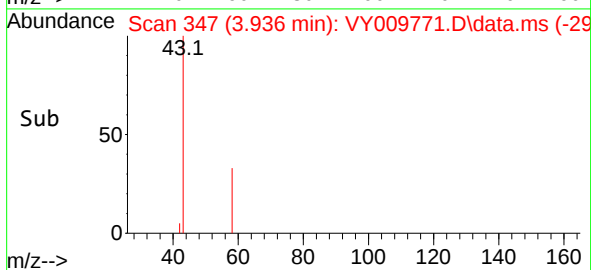
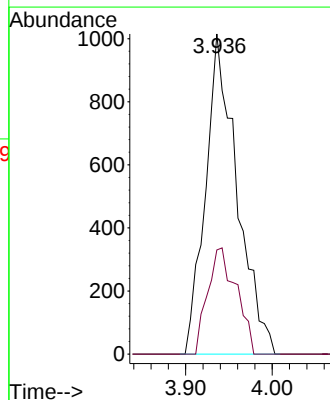
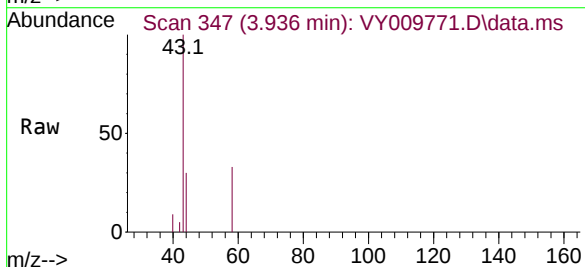
Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

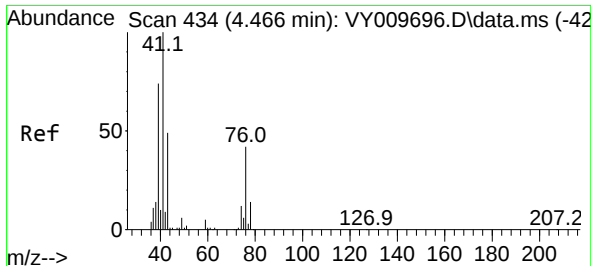
Tgt Ion:168 Resp: 154987
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#16
Acetone
Concen: 6.930 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

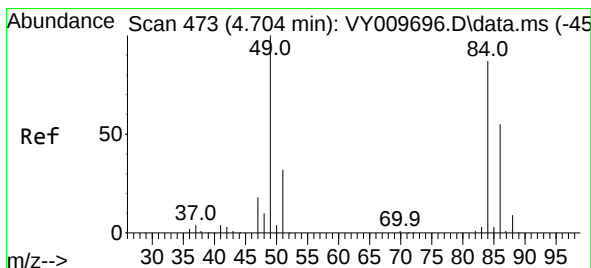
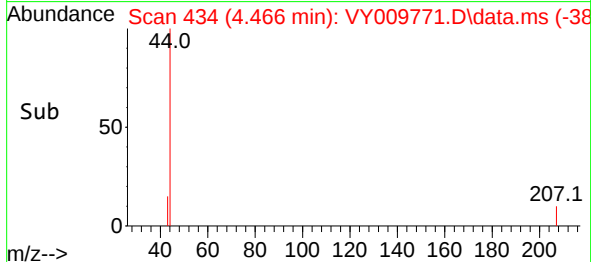
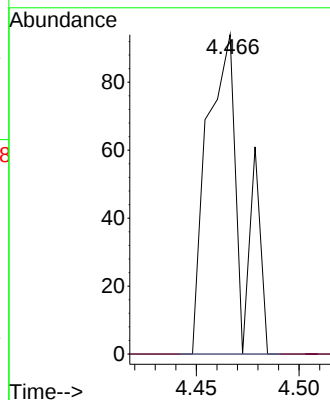
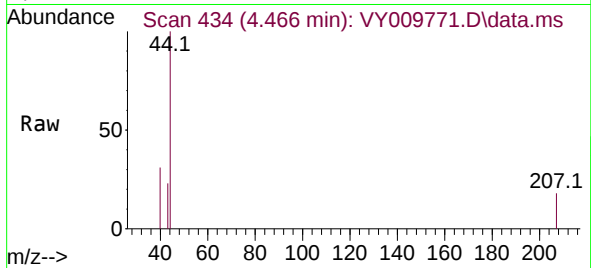




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

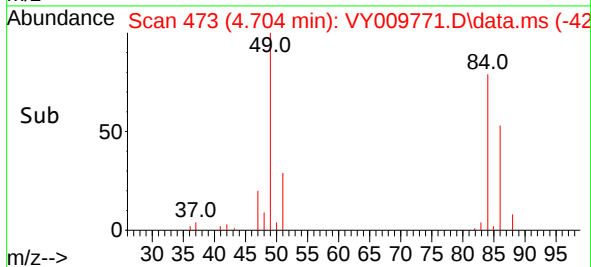
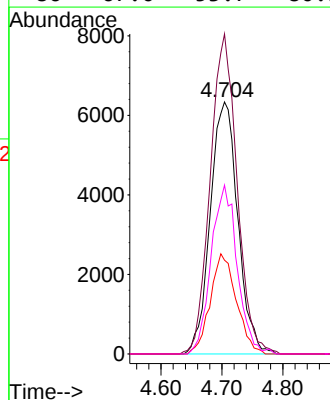
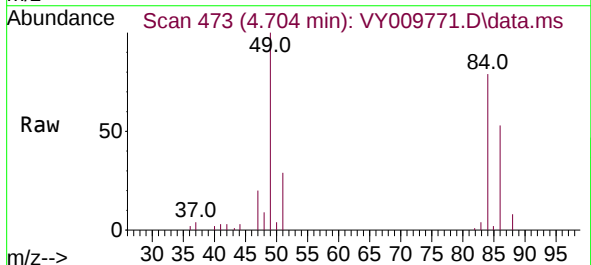
Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

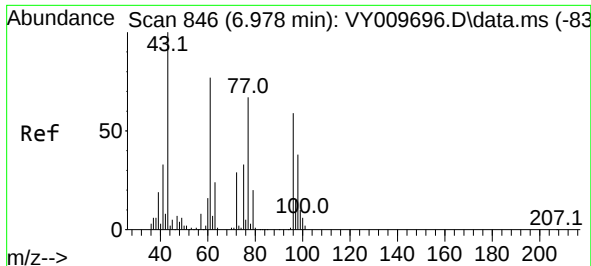
Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.904 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 84 Resp: 19957
Ion Ratio Lower Upper
84 100
49 127.0 114.4 171.6
51 37.2 35.3 52.9
86 67.0 53.7 80.5

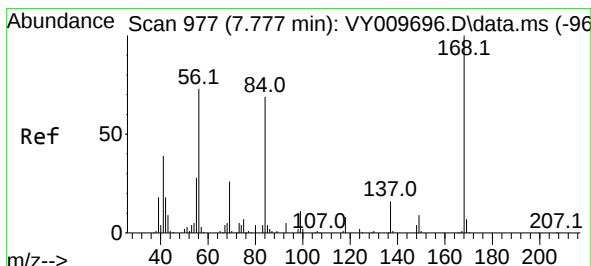
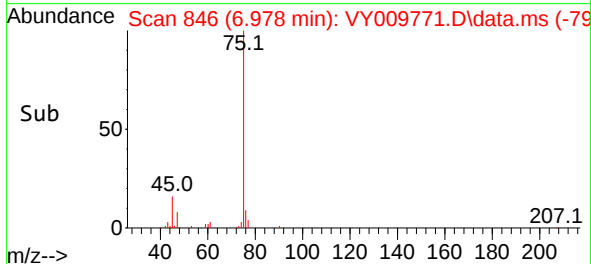
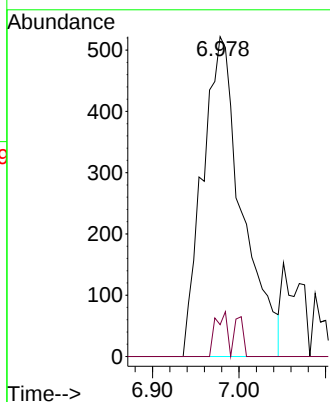
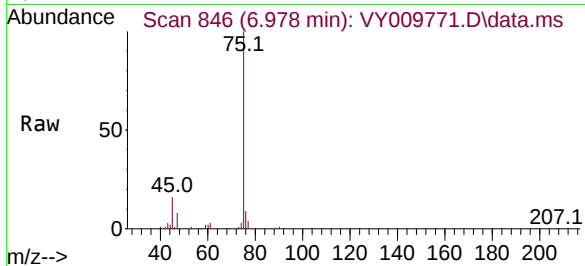




#25
2-Butanone
Concen: 3.013 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

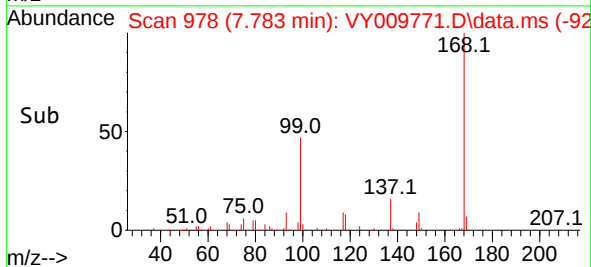
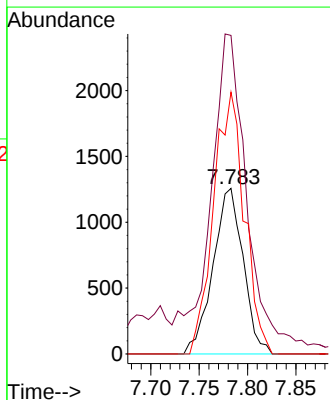
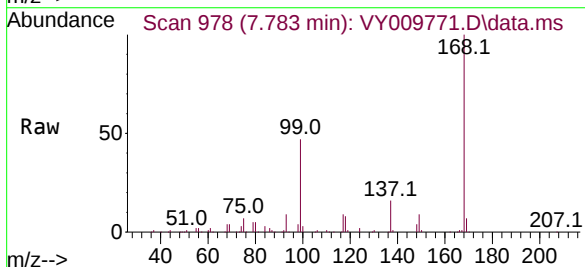
Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

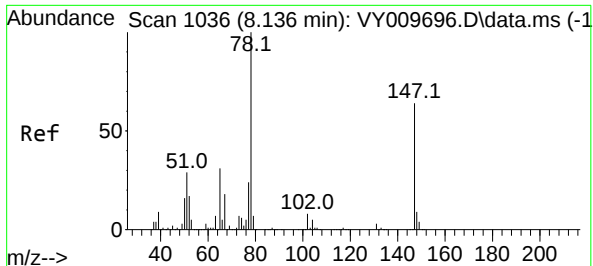
Tgt Ion: 43 Resp: 1647
Ion Ratio Lower Upper
43 100
72 10.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 56 Resp: 2728
Ion Ratio Lower Upper
56 100
69 180.3 26.7 40.1#
84 158.2 67.2 100.8#

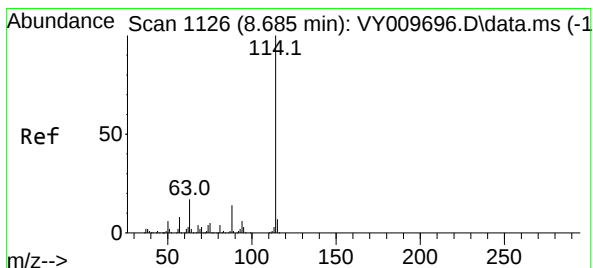
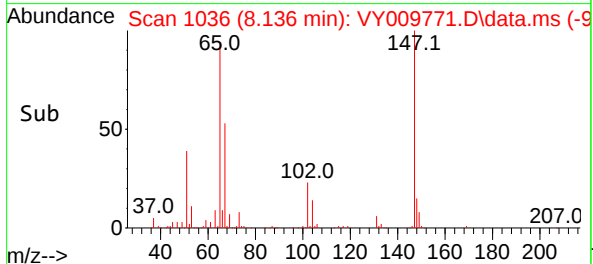
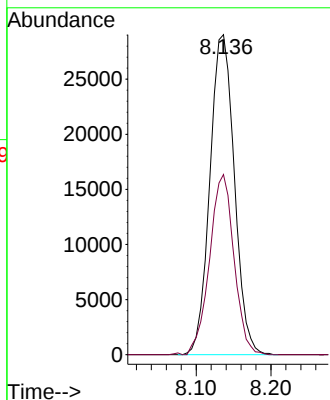
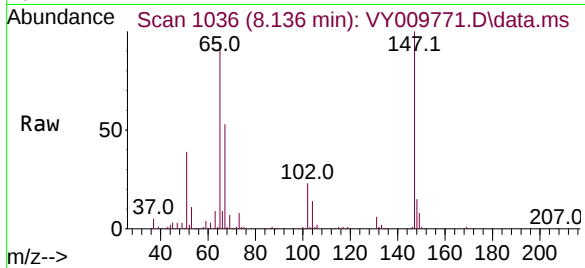




#33
 1,2-Dichloroethane-d4
 Concen: 65.811 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009771.D
 Acq: 29 Jul 2022 14:42

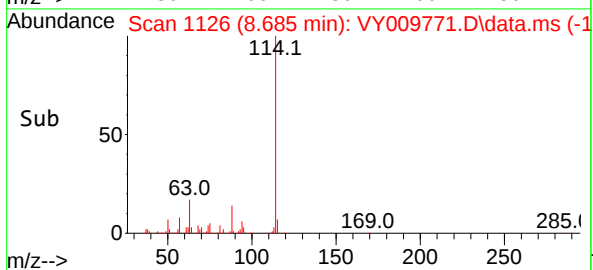
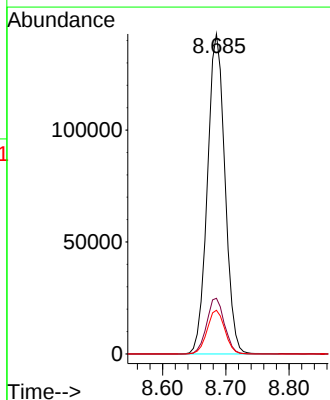
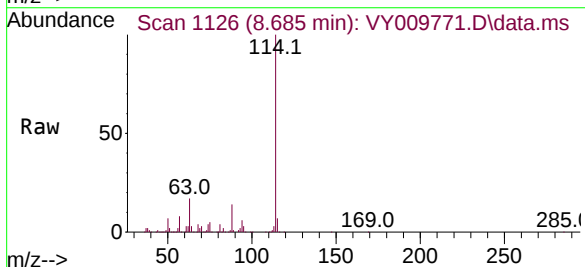
Instrument :
 MSVOA_Y
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 RVE-104

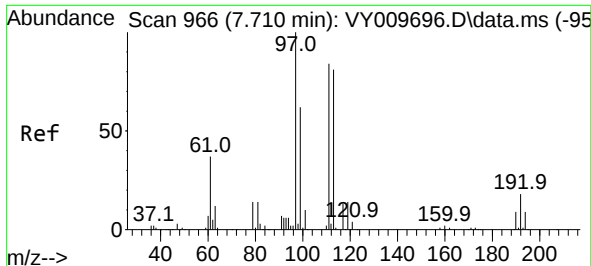
Tgt Ion: 65 Resp: 66207
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009771.D
 Acq: 29 Jul 2022 14:42

Tgt Ion:114 Resp: 274621
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 13.6 0.0 31.8

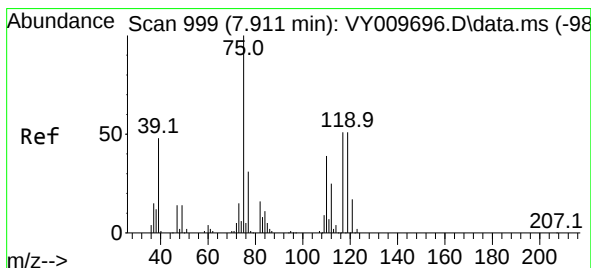
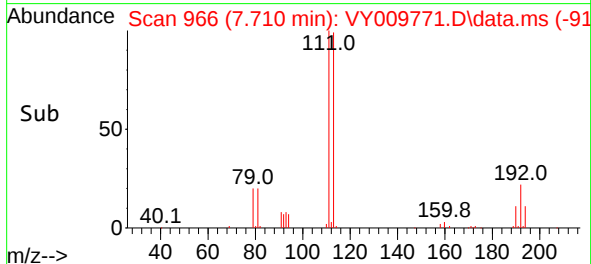
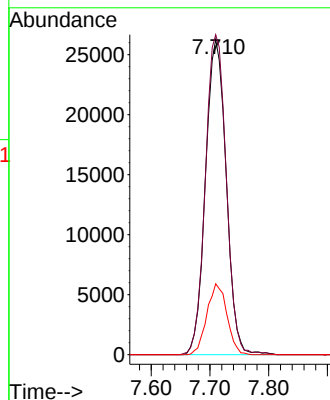
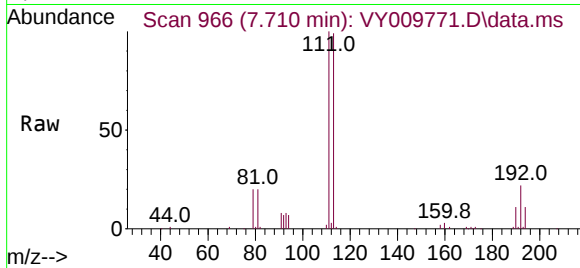




#35
Dibromofluoromethane
Concen: 43.026 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

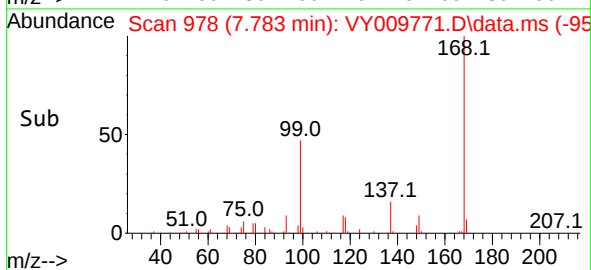
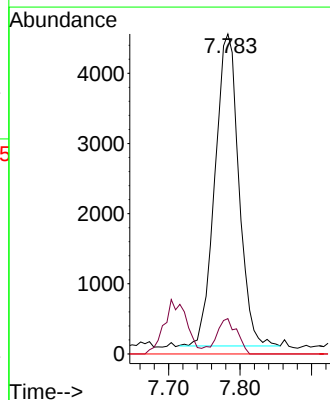
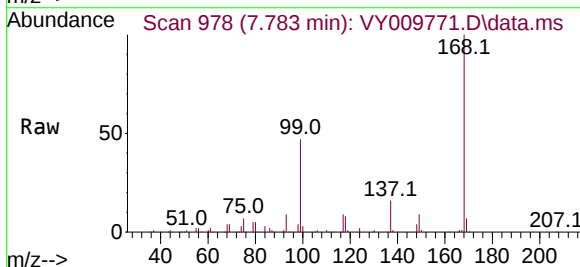
Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

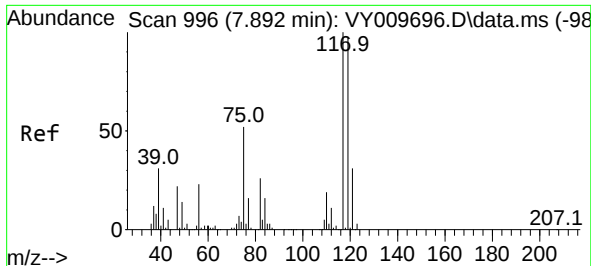
Tgt Ion:113 Resp: 64264
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 75 Resp: 10298
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

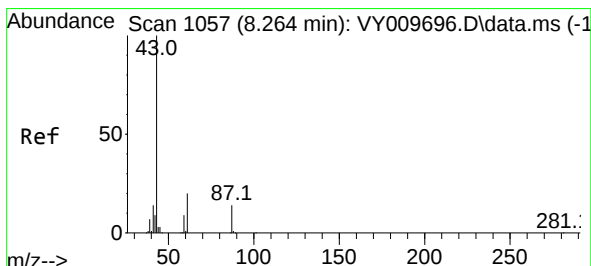
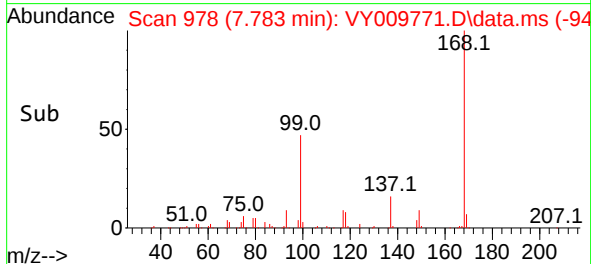
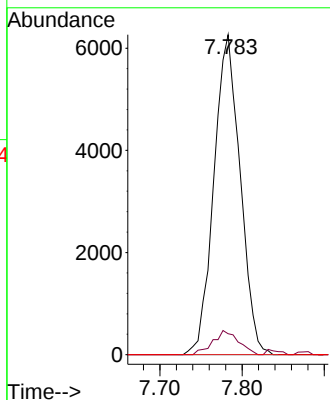
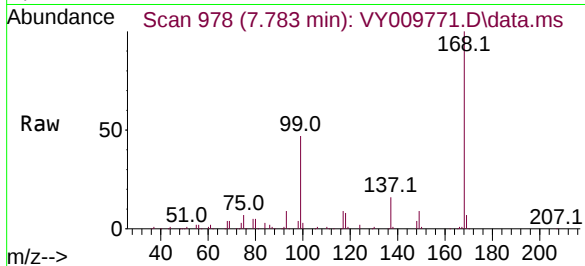




#38
Carbon Tetrachloride
Concen: 5.347 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

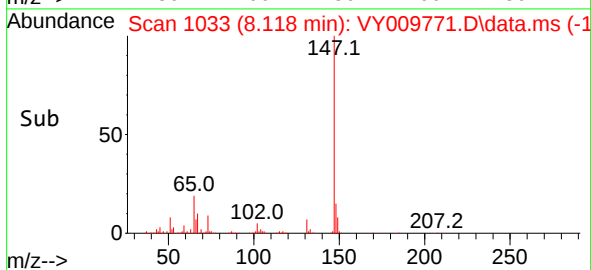
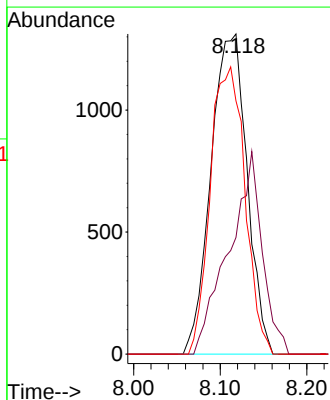
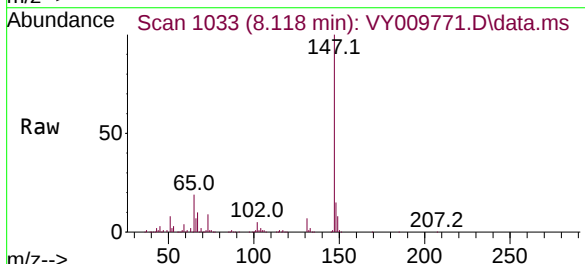
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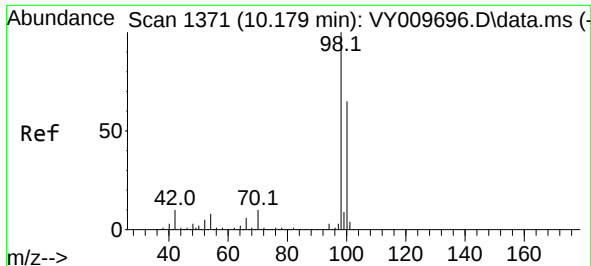
Tgt Ion:117 Resp: 13924
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.508 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.146 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 86.0 8.9 13.3#

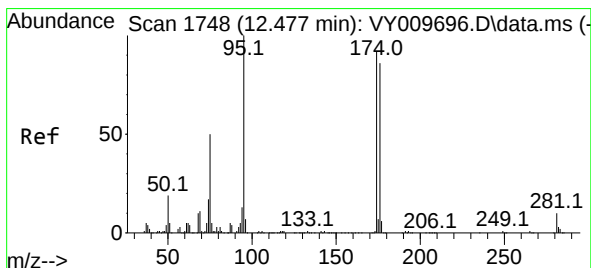
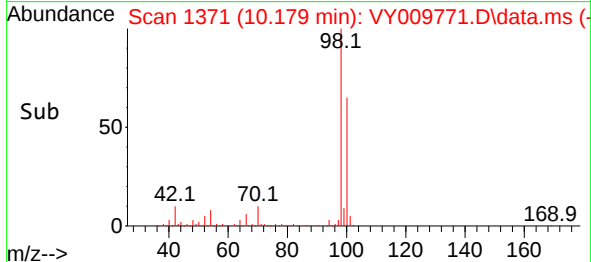
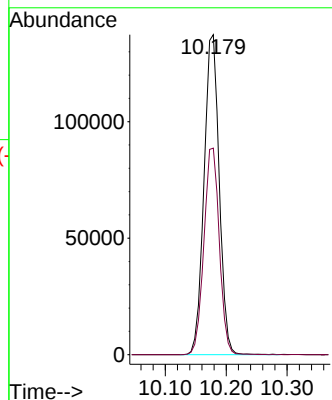
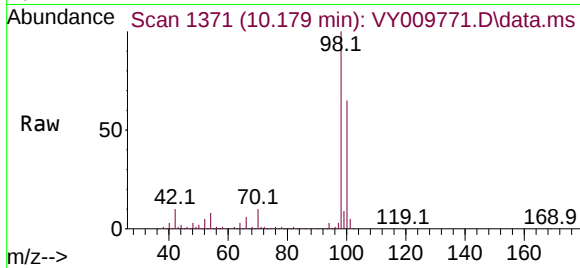




#50
Toluene-d8
Concen: 55.167 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

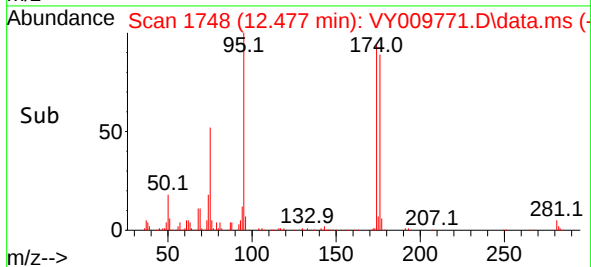
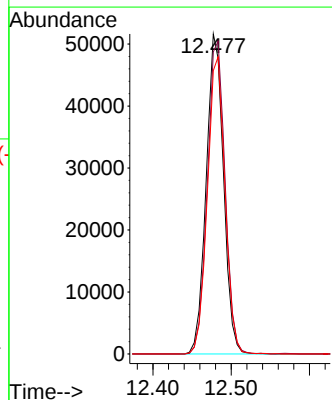
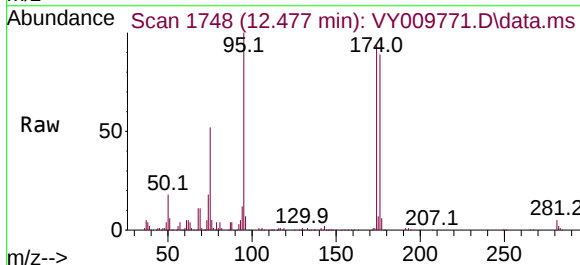
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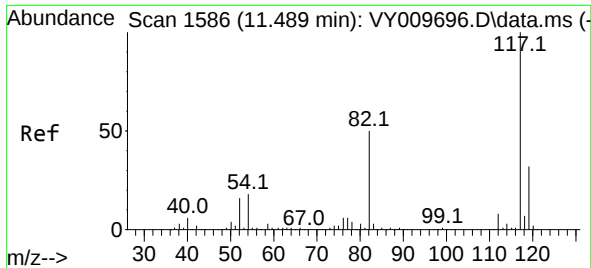
Tgt Ion: 98 Resp: 238061
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.945 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 95 Resp: 79111
Ion Ratio Lower Upper
95 100
174 100.2 0.0 177.0
176 94.4 0.0 175.8

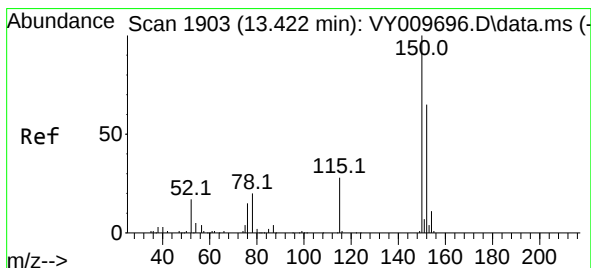
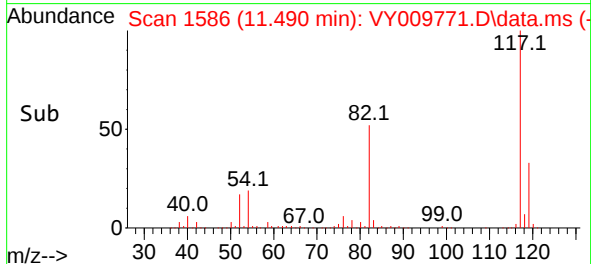
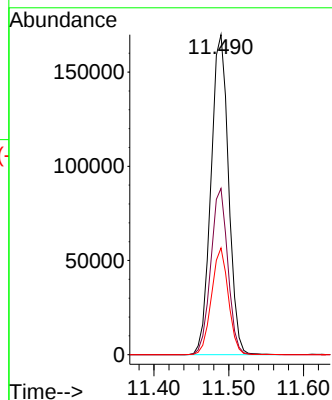
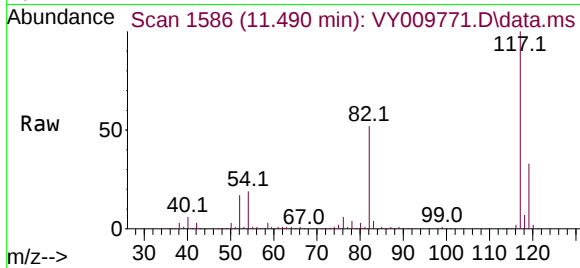




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

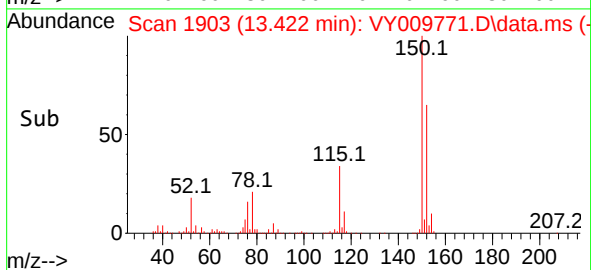
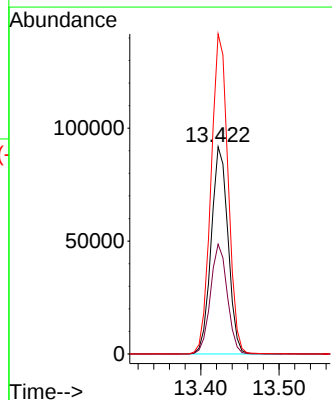
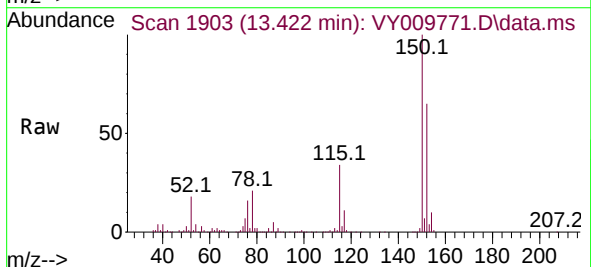
Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

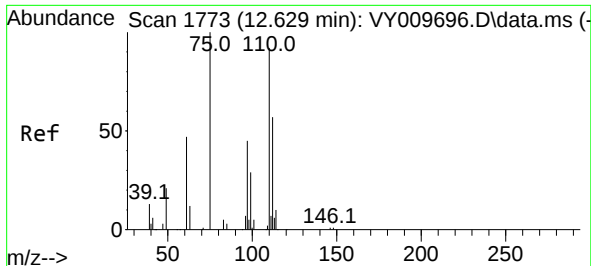
Tgt Ion:117 Resp: 277716
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion:152 Resp: 136402
Ion Ratio Lower Upper
152 100
115 52.9 28.2 84.7
150 156.9 0.0 347.6

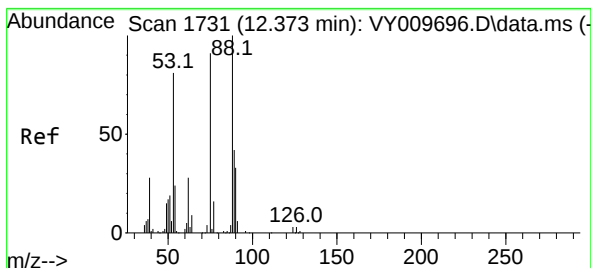
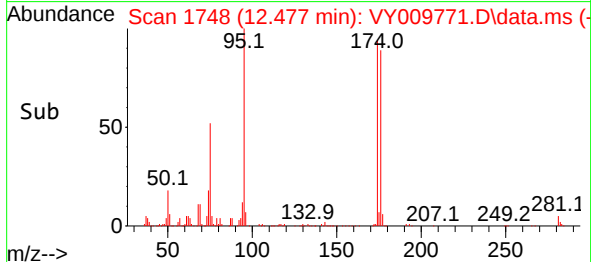
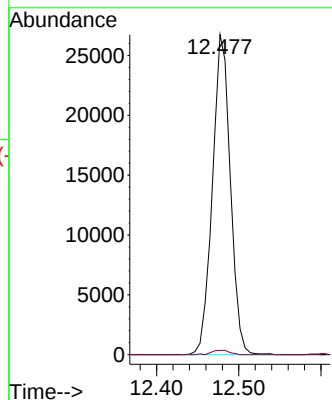
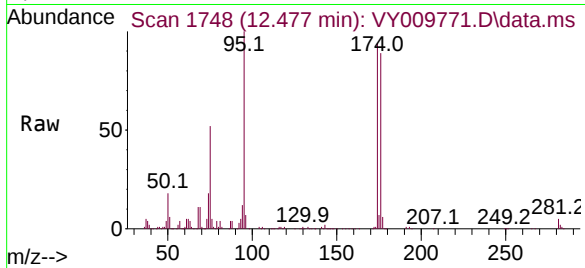




#76
1,2,3-Trichloropropane
Concen: 31.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :
RVE-104

Tgt Ion: 75 Resp: 40504
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009771.D
Acq: 29 Jul 2022 14:42

Tgt Ion: 75 Resp: 40504
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.1 37.0 55.4#

