

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009960.D
 Acq On : 11 Aug 2022 13:39
 Operator : KP/MD
 Sample : VY0811SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBL01

Quant Time: Aug 12 02:48:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

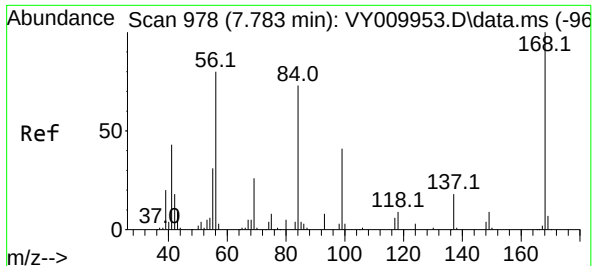
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	67069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	133964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31086	60.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.640%			
35) Dibromofluoromethane	7.710	113	28660	36.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 72.840%			
50) Toluene-d8	10.173	98	109289	47.221	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.440%			
62) 4-Bromofluorobenzene	12.477	95	37917	34.277	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.560%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	71	Below Cal	#	74
11) Tert butyl alcohol	4.954	59	138	2.107	ug/l #	78
16) Acetone	3.936	43	390	2.311	ug/l #	69
18) Methyl Acetate	4.466	43	301	Below Cal	#	52
20) Methylene Chloride	4.698	84	6396	3.923	ug/l	90
25) 2-Butanone	6.978	43	297	1.029	ug/l #	48
31) Cyclohexane	7.777	56	1688	1.176	ug/l #	24
36) 1,1-Dichloropropene	7.777	75	5536	4.042	ug/l #	48
38) Carbon Tetrachloride	7.783	117	6907	5.265	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	19874	29.598	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19874	57.614	ug/l #	13

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

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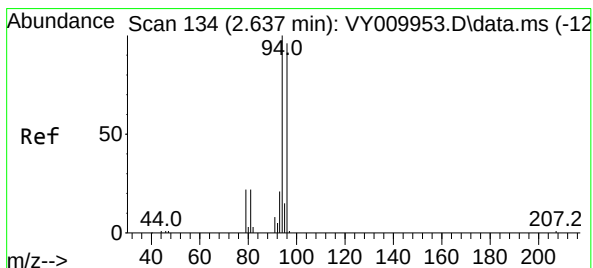
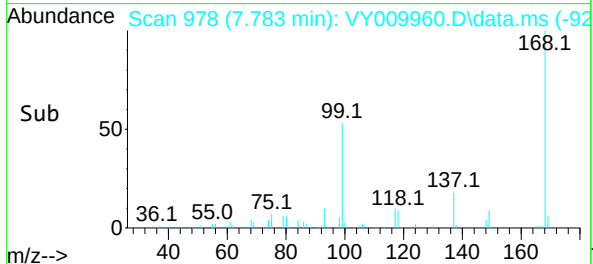
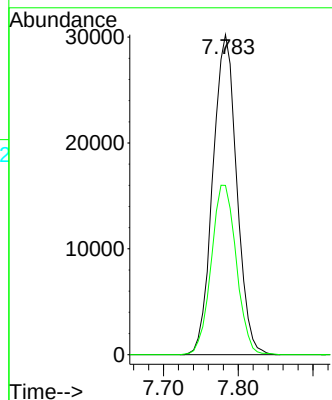
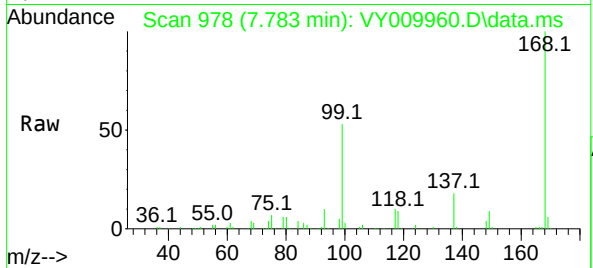




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

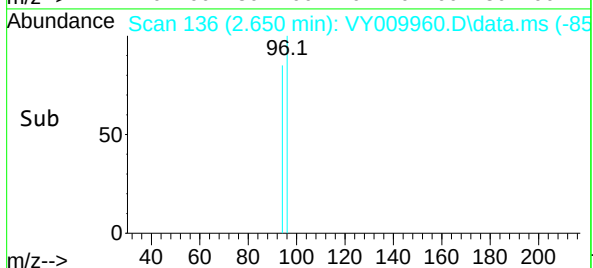
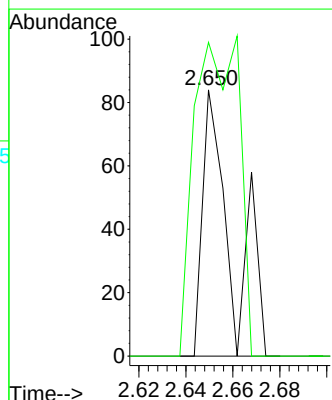
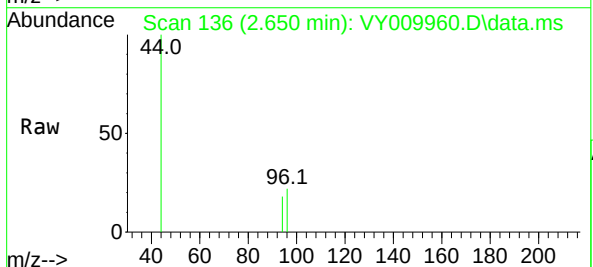
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

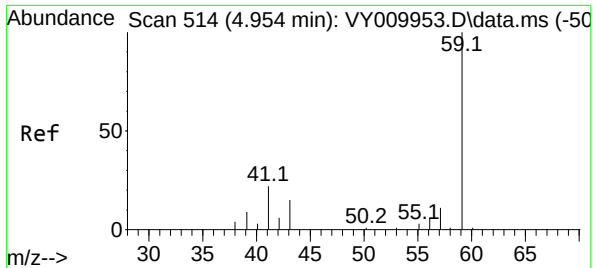
Tgt Ion:168 Resp: 67069
Ion Ratio Lower Upper
168 100
99 52.9 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 117.9 74.6 111.8#

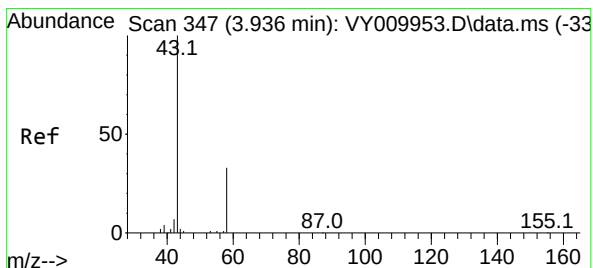
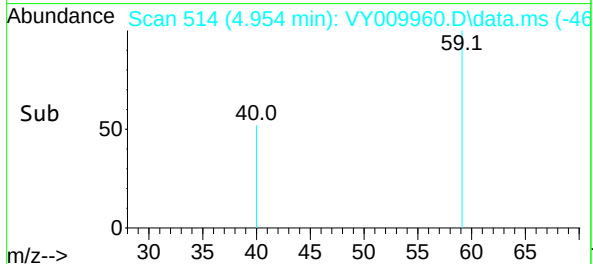
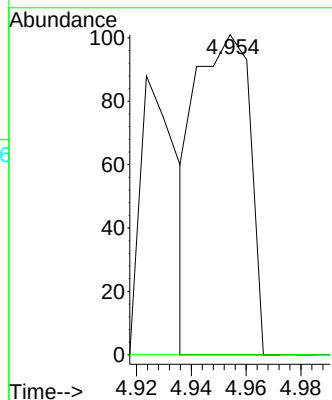
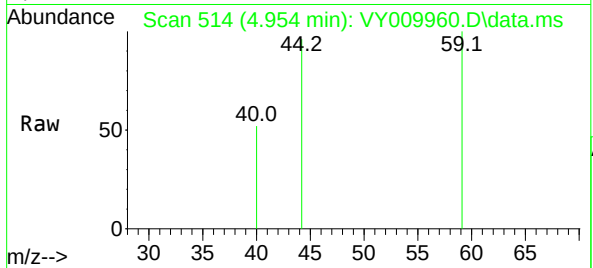




#11
Tert butyl alcohol
Concen: 2.107 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

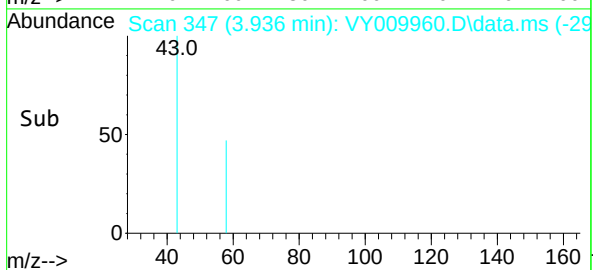
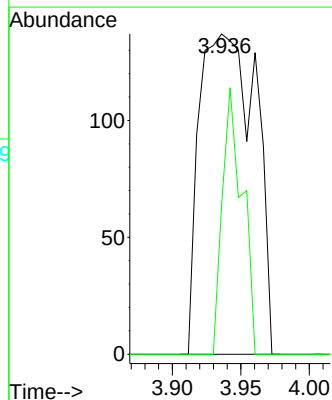
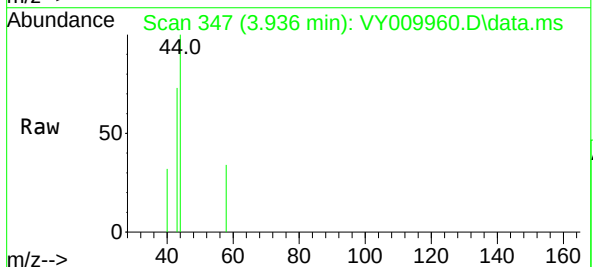
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

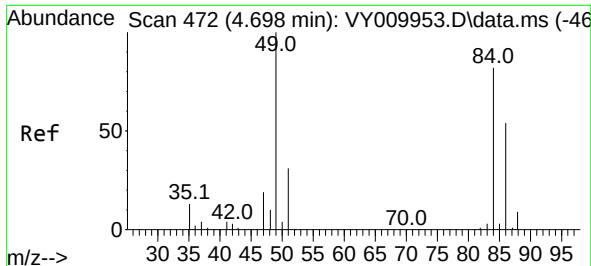
Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#



#16
Acetone
Concen: 2.311 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

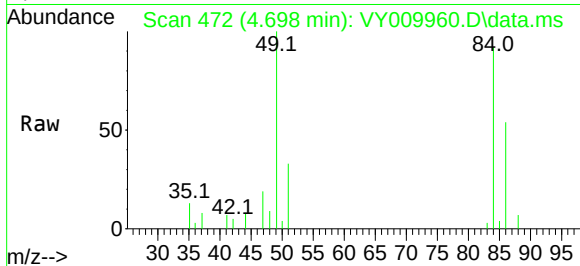
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 46.7 24.0 36.0#



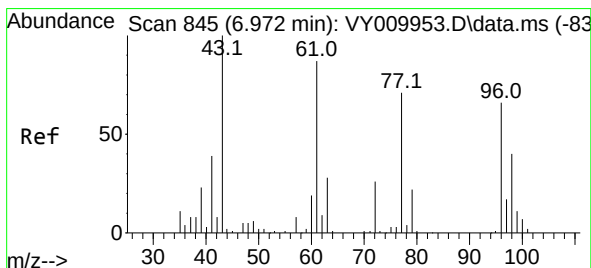
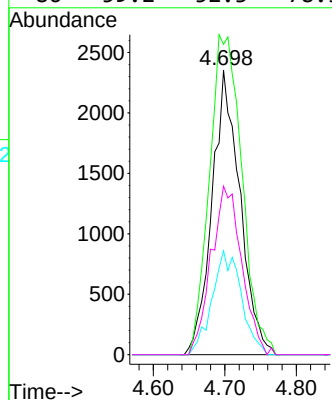


#20
Methylene Chloride
Concen: 3.923 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

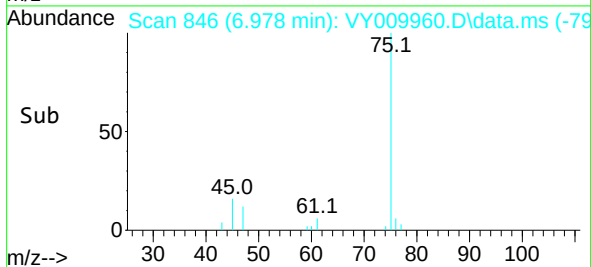
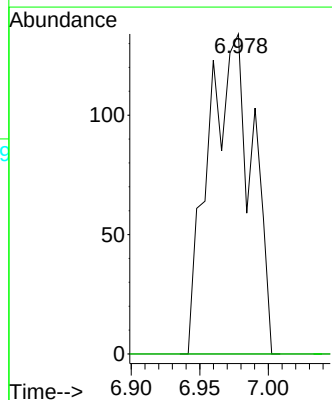
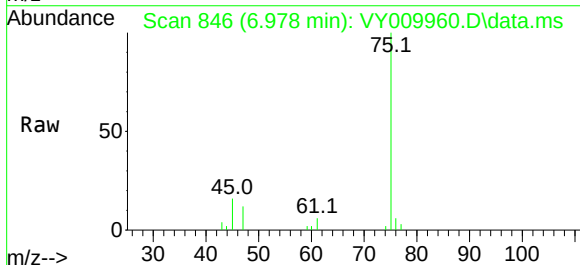


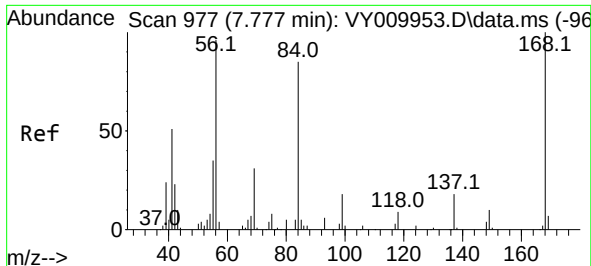
Tgt Ion:	84	Resp:	6396
Ion	Ratio	Lower	Upper
84	100		
49	109.1	98.2	147.4
51	36.5	33.4	50.0
86	59.2	52.3	78.5



#25
2-Butanone
Concen: 1.029 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

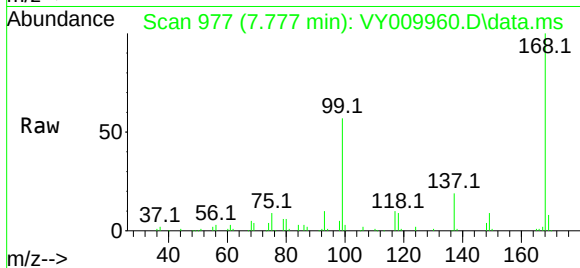
Tgt Ion:	43	Resp:	297
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#



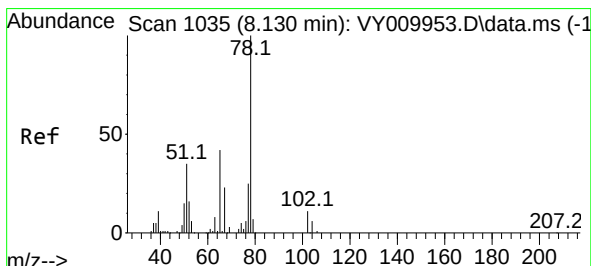
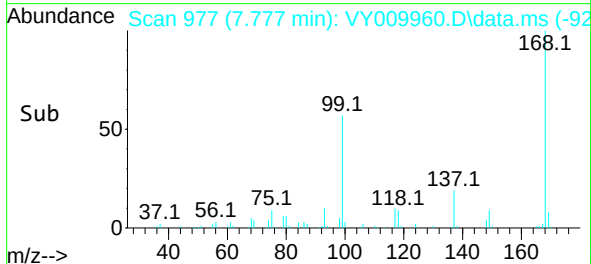
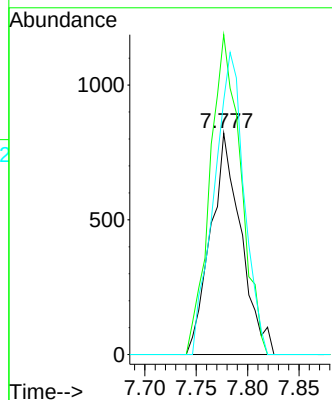


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

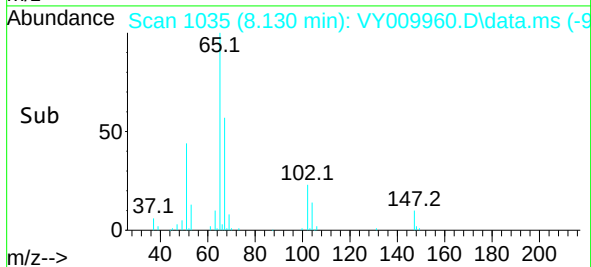
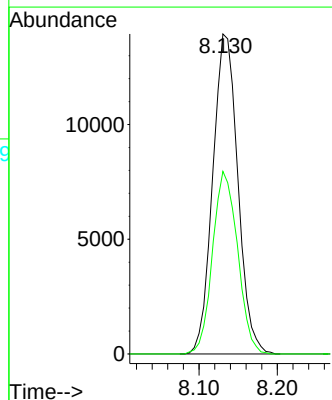
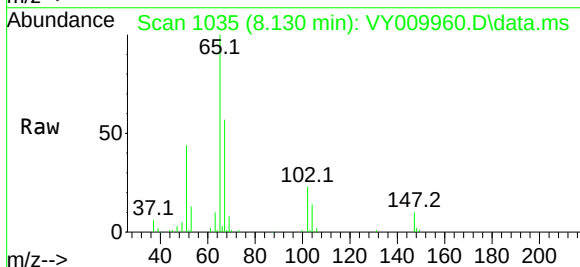


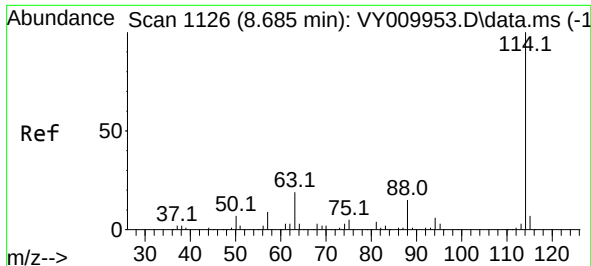
Tgt Ion: 56 Resp: 1688
Ion Ratio Lower Upper
56 100
69 144.4 26.0 39.0#
84 114.7 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 60.818 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 65 Resp: 31086
Ion Ratio Lower Upper
65 100
67 56.9 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: VY009960.D

Acq: 11 Aug 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0811SBL01

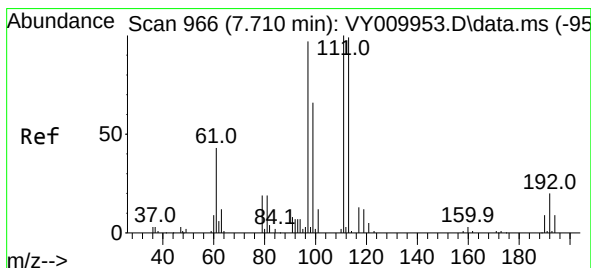
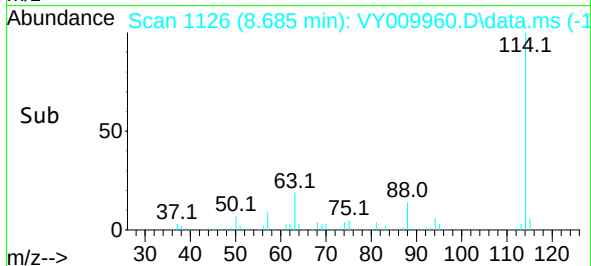
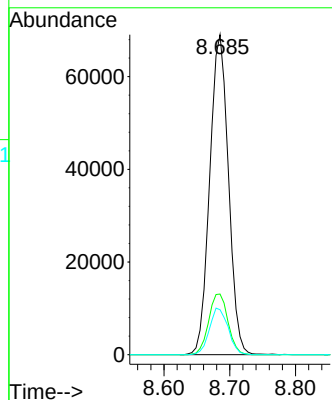
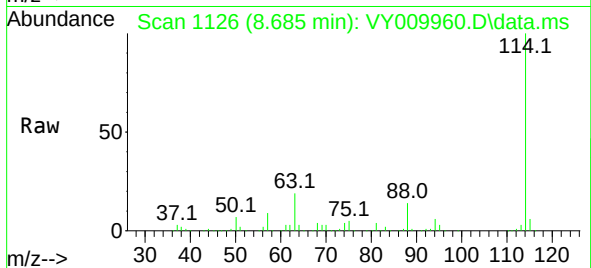
Tgt Ion:114 Resp: 136756

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 36.424 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009960.D

Acq: 11 Aug 2022 13:39

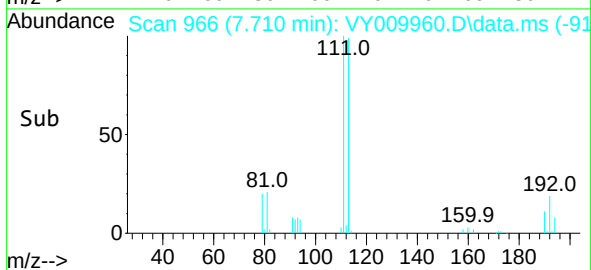
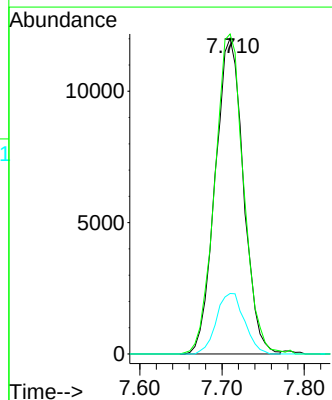
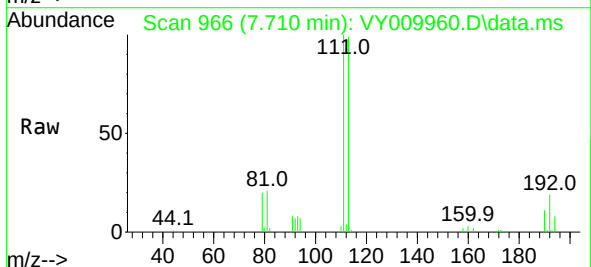
Tgt Ion:113 Resp: 28660

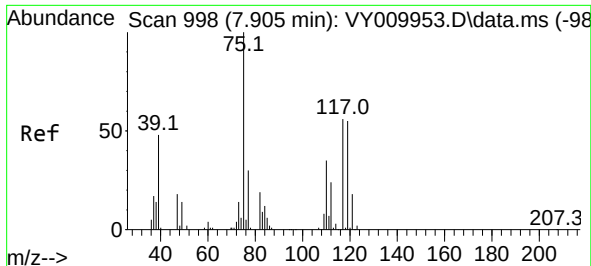
Ion Ratio Lower Upper

113 100

111 103.5 80.6 120.8

192 19.0 16.2 24.4

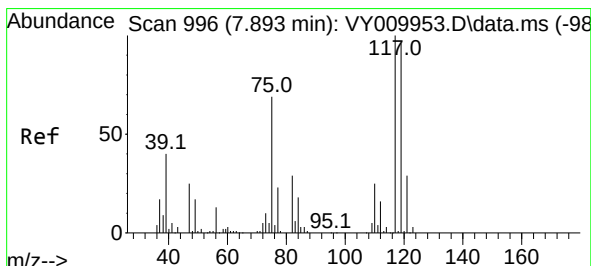
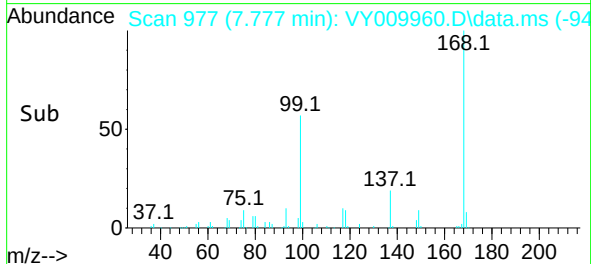
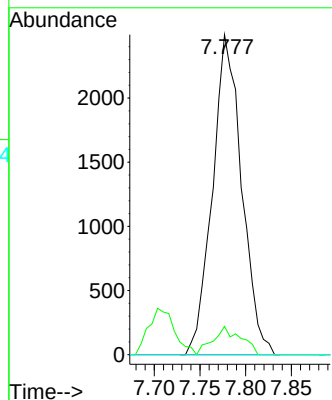
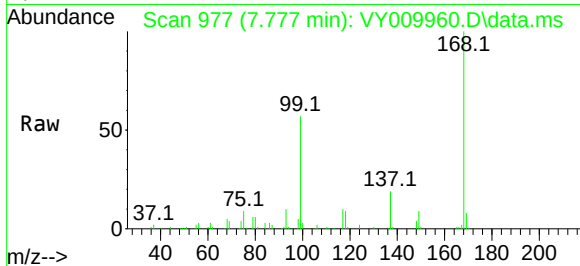




#36
1,1-Dichloropropene
Concen: 4.042 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

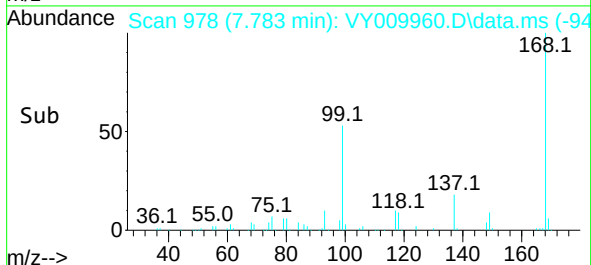
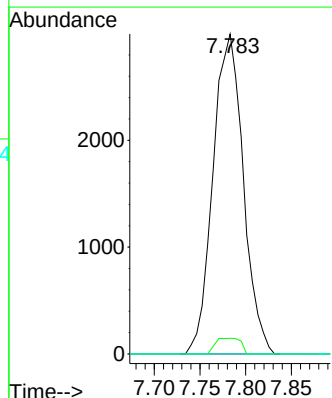
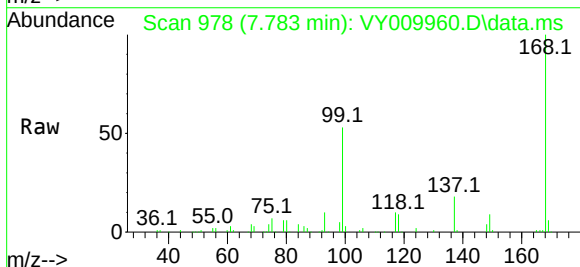
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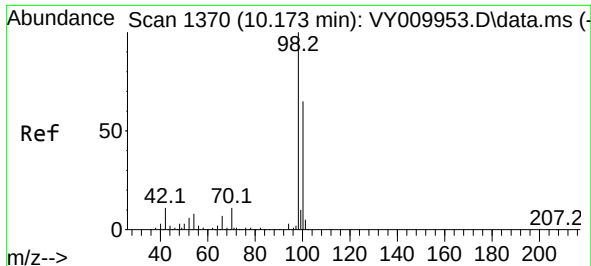
Tgt Ion: 75 Resp: 5536
Ion Ratio Lower Upper
75 100
110 8.3 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.265 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 117 Resp: 6907
Ion Ratio Lower Upper
117 100
119 4.9 75.9 113.9#
121 0.0 24.9 37.3#

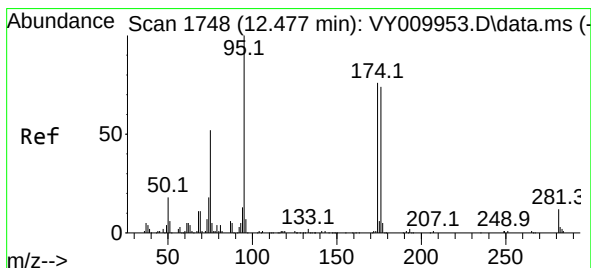
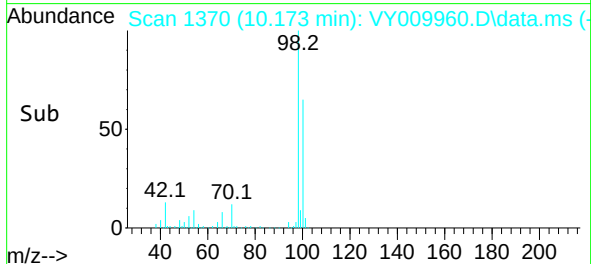
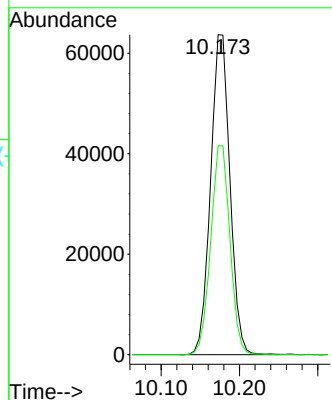
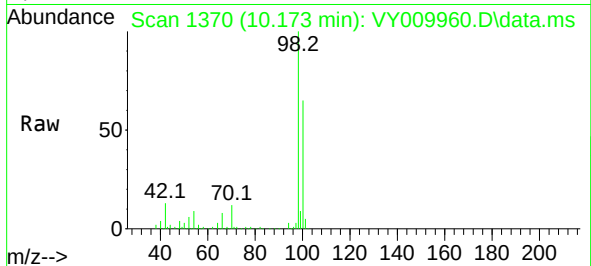




#50
Toluene-d8
Concen: 47.221 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

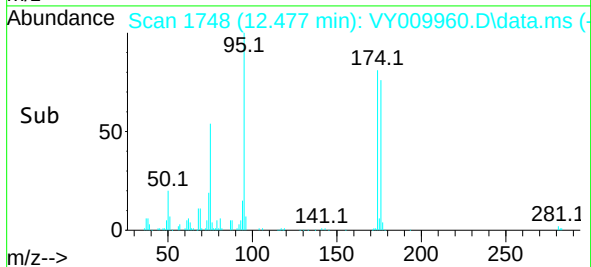
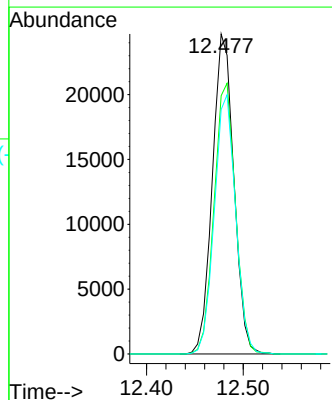
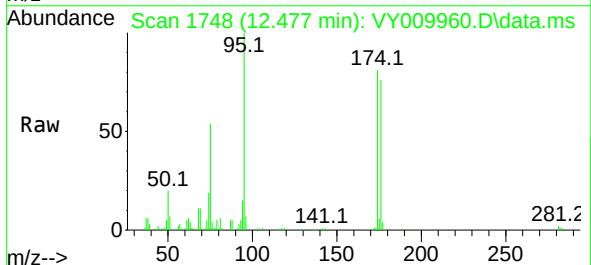
Instrument :
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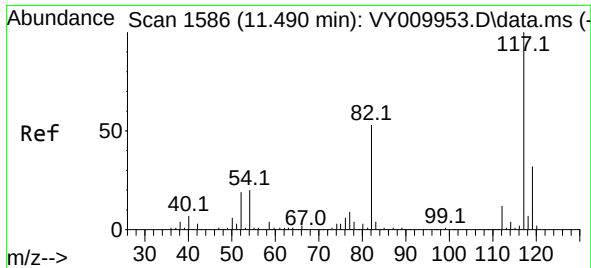
Tgt Ion: 98 Resp: 109289
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.277 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 95 Resp: 37917
Ion Ratio Lower Upper
95 100
174 84.4 0.0 173.8
176 80.5 0.0 167.0

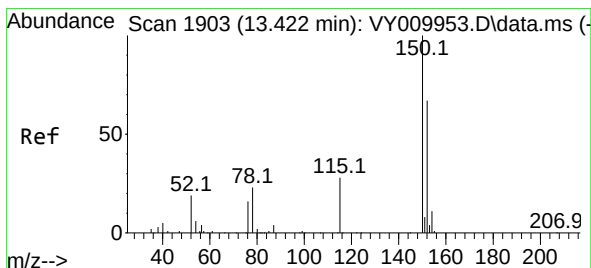
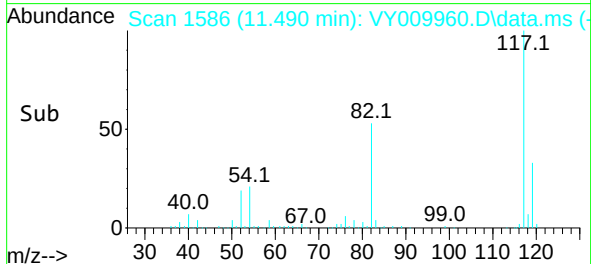
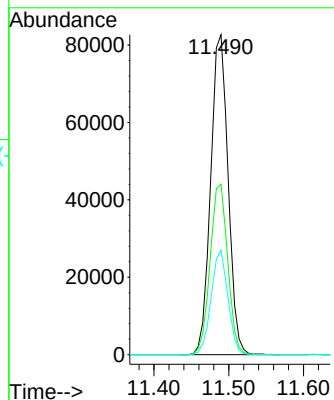
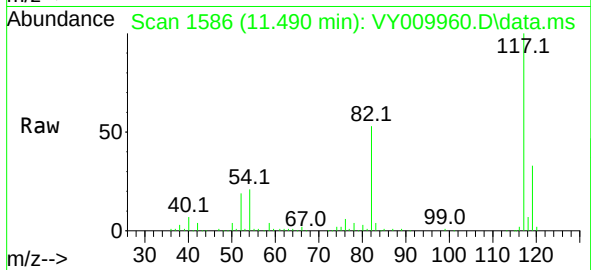




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

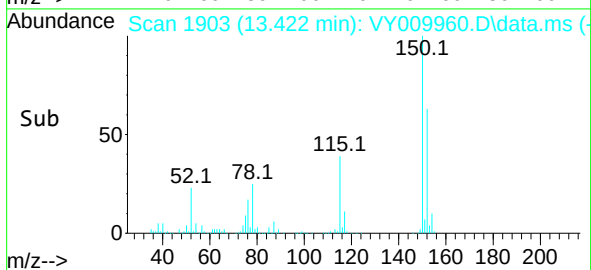
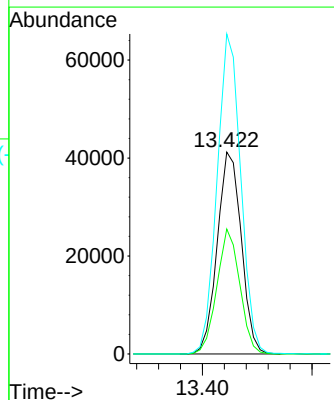
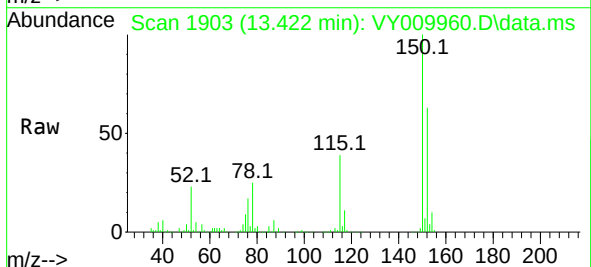
Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

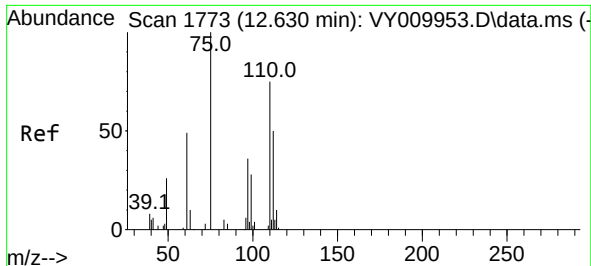
Tgt Ion:117 Resp: 133964
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.6
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion:152 Resp: 62896
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.9
150 156.1 0.0 349.8

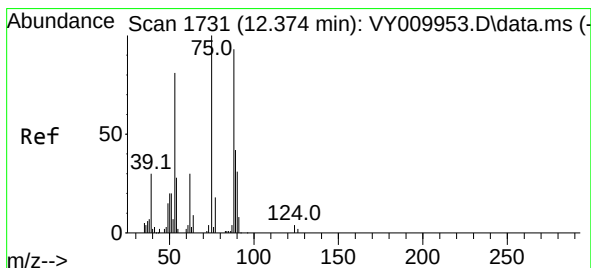
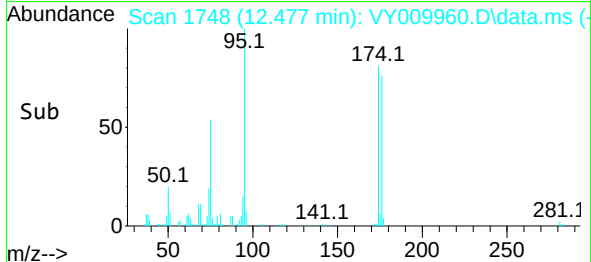
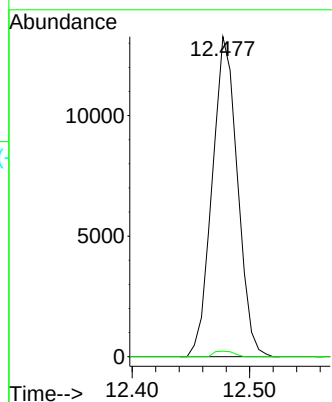
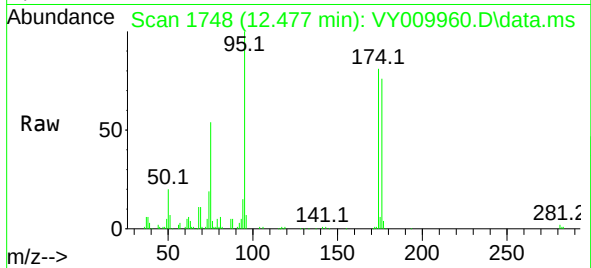




#76
1,2,3-Trichloropropane
Concen: 29.598 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0811SBL01

Tgt Ion: 75 Resp: 19874
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.614 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009960.D
Acq: 11 Aug 2022 13:39

Tgt Ion: 75 Resp: 19874
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

