

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011291.D
 Acq On : 03 Nov 2022 16:47
 Operator : KP/MD
 Sample : N5395-06RE
 Misc : 6.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-5-103122RE

Quant Time: Nov 04 02:21:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

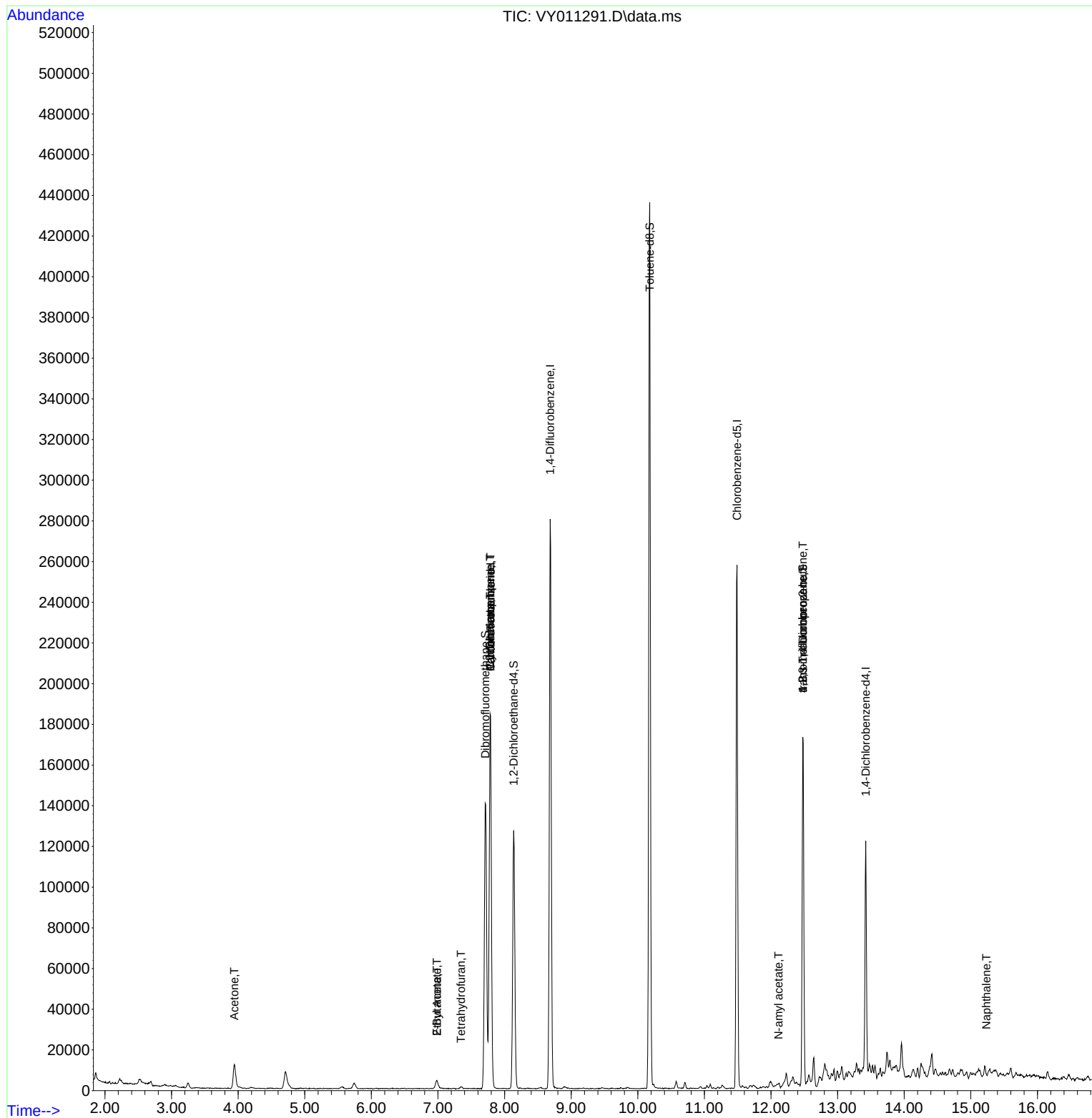
Internal Standards						
1) Pentafluorobenzene	7.789	168	145306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	145882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98859	63.614	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.220%			
35) Dibromofluoromethane	7.710	113	104092	65.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.860%			
50) Toluene-d8	10.179	98	296116	48.310	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.477	95	50301	23.639	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 47.280%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	157	Below Cal	#	77
16) Acetone	3.942	43	20391	43.467	ug/l	# 89
20) Methylene Chloride	4.710	84	6370	Below Cal		86
25) 2-Butanone	6.984	43	5466	8.281	ug/l	# 74
29) Tetrahydrofuran	7.344	42	725	1.887	ug/l	# 84
31) Cyclohexane	7.783	56	2909	1.010	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	10818	4.196	ug/l	# 51
37) Ethyl Acetate	6.984	43	5466	3.933	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	14155	5.292	ug/l	# 16
74) N-amyl acetate	12.111	43	737	1.305	ug/l	# 58
76) 1,2,3-Trichloropropane	12.477	75	25168	68.684	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	25168	146.993	ug/l	# 8
95) Naphthalene	15.233	128	853	4.555	ug/l	# 85

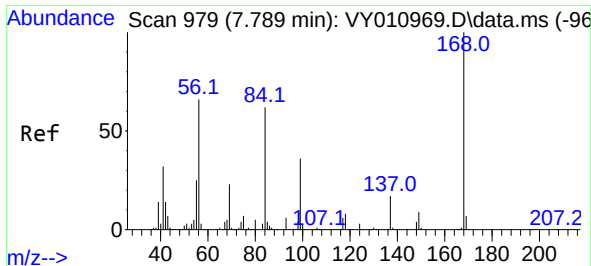
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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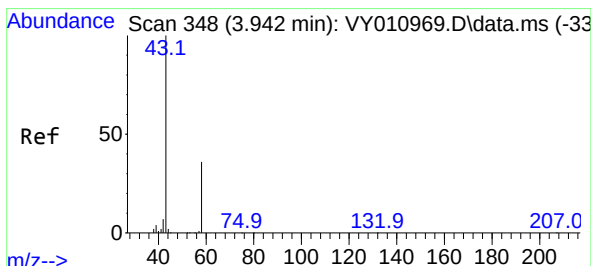
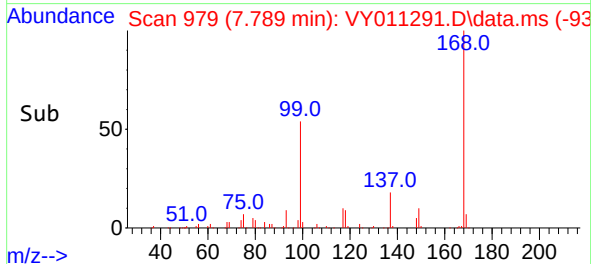
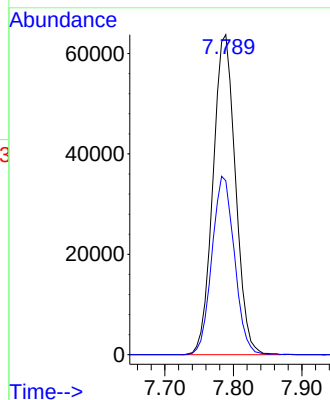
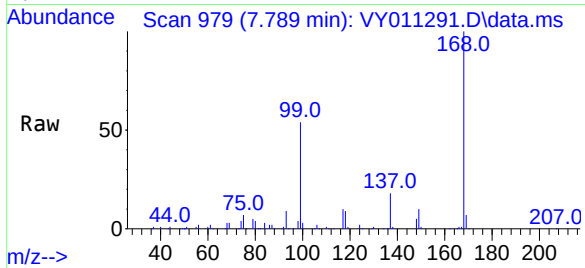




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

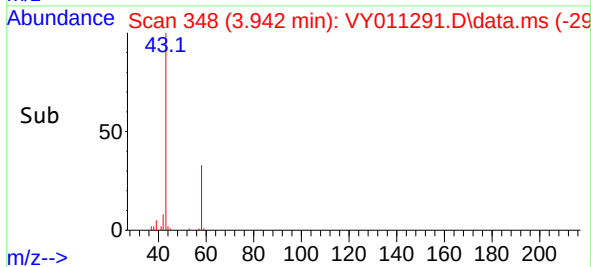
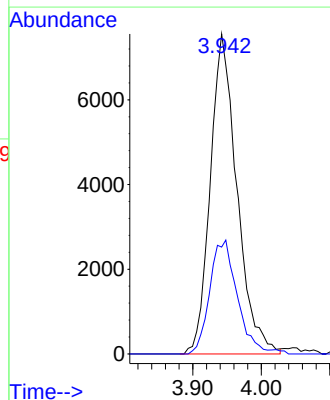
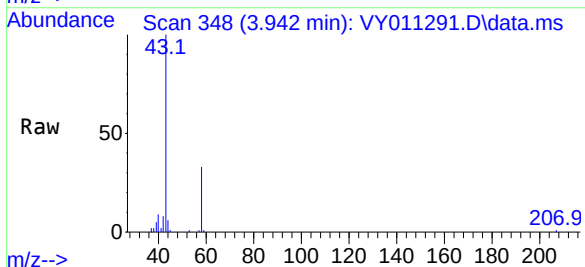
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

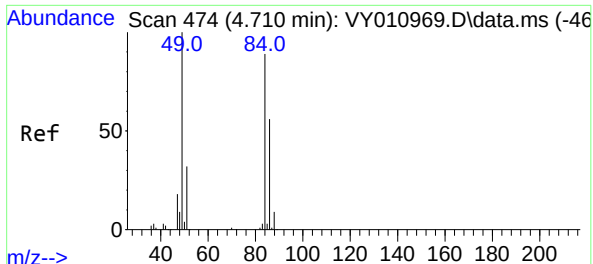
Tgt Ion:168 Resp: 145306
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 43.467 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 43 Resp: 20391
Ion Ratio Lower Upper
43 100
58 33.4 22.0 33.0#



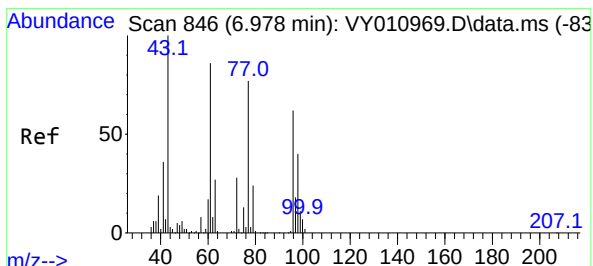
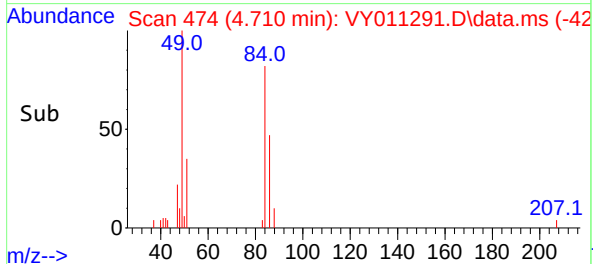
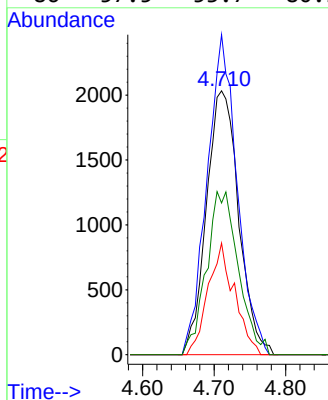
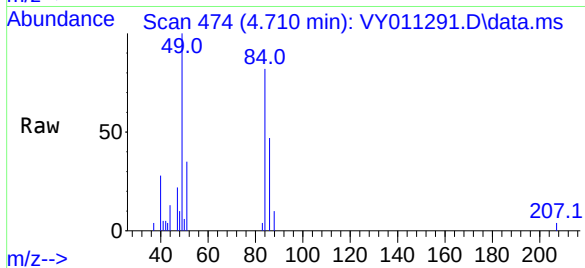


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

Tgt Ion: 84 Resp: 6370

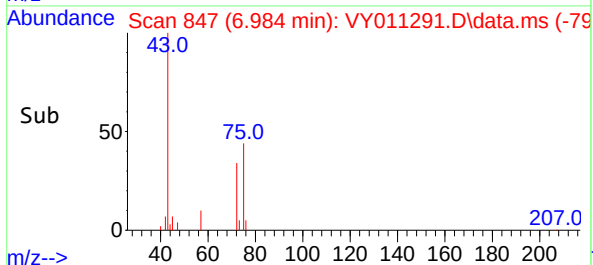
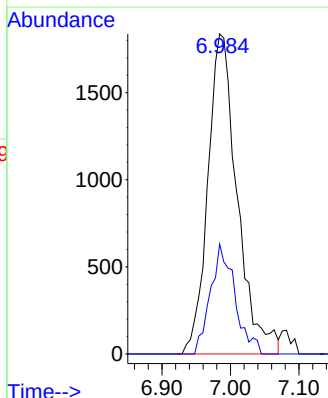
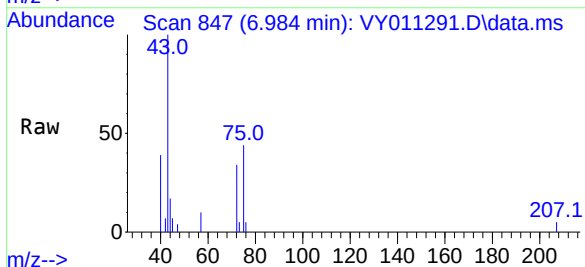
Ion	Ratio	Lower	Upper
84	100		
49	121.3	114.4	171.6
51	42.3	35.3	52.9
86	57.5	53.7	80.5

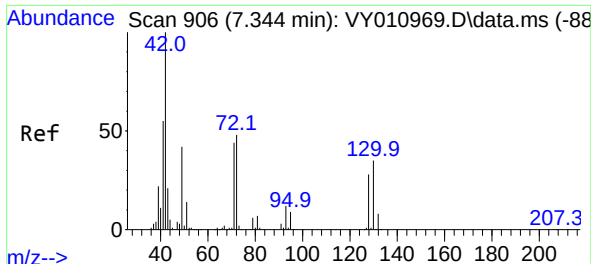


#25
2-Butanone
Concen: 8.281 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 43 Resp: 5466

Ion	Ratio	Lower	Upper
43	100		
72	34.3	17.7	26.5#

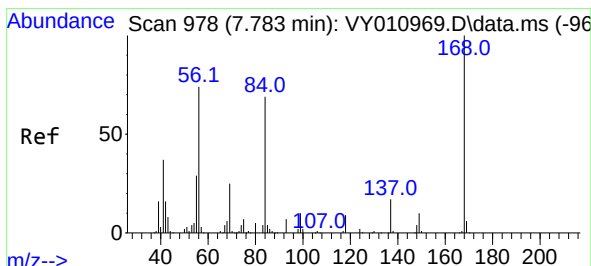
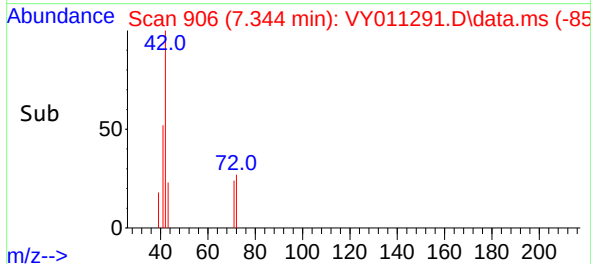
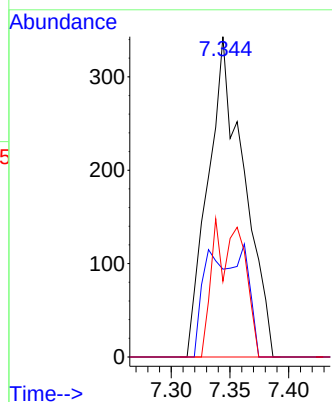
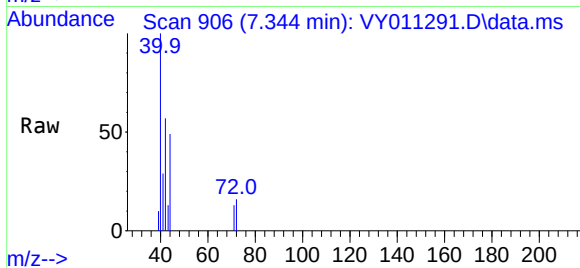




#29
Tetrahydrofuran
Concen: 1.887 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

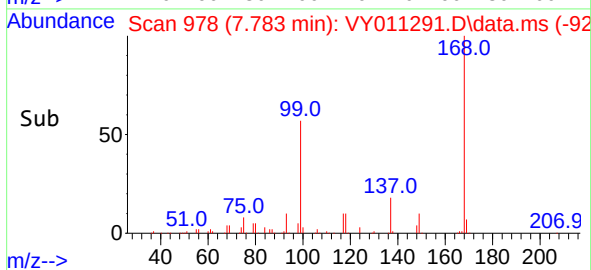
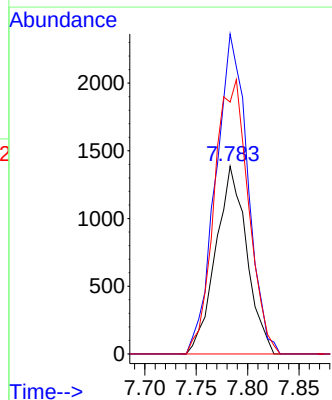
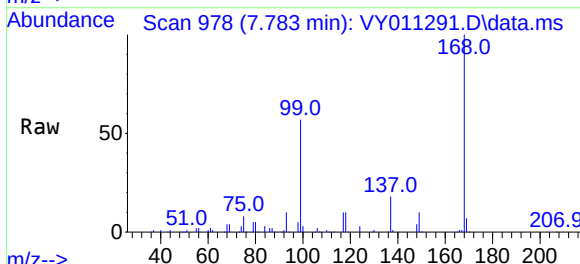
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

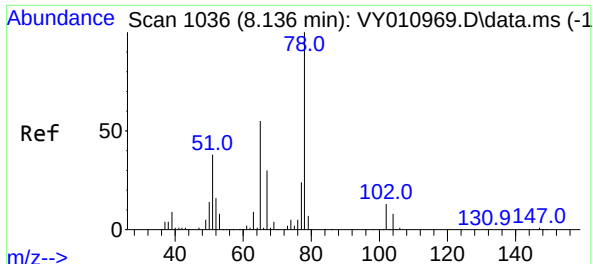
Tgt Ion:	42	Resp:	725
Ion	Ratio	Lower	Upper
42	100		
72	19.6	30.3	45.5#
71	36.4	29.0	43.4



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion:	56	Resp:	2909
Ion	Ratio	Lower	Upper
56	100		
69	170.5	26.7	40.1#
84	134.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.614 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011291.D

Acq: 03 Nov 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

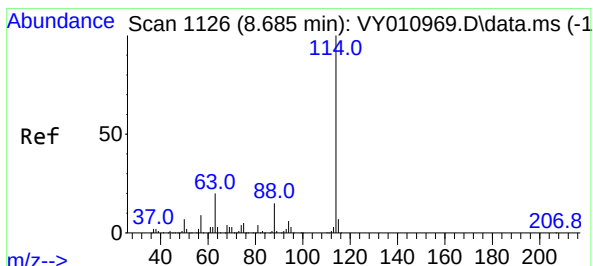
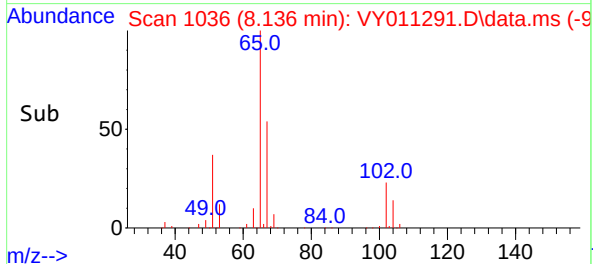
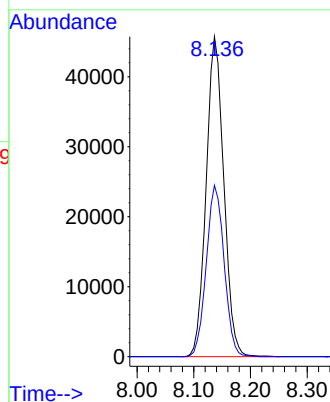
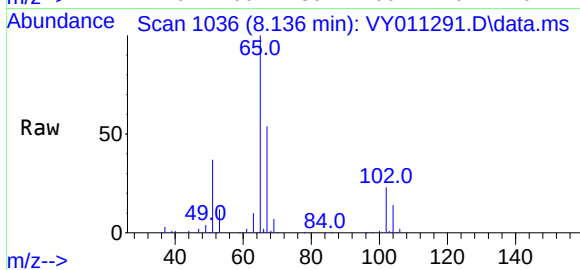
S-5-103122RE

Tgt Ion: 65 Resp: 98859

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011291.D

Acq: 03 Nov 2022 16:47

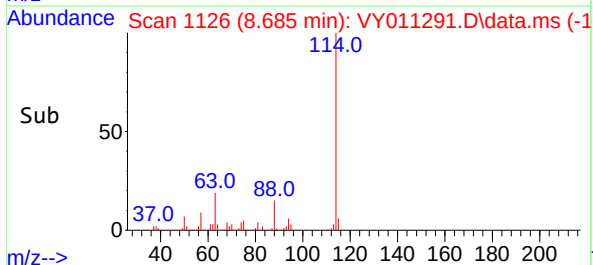
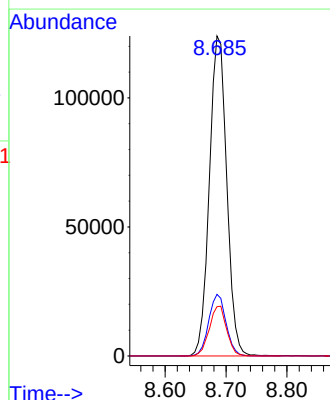
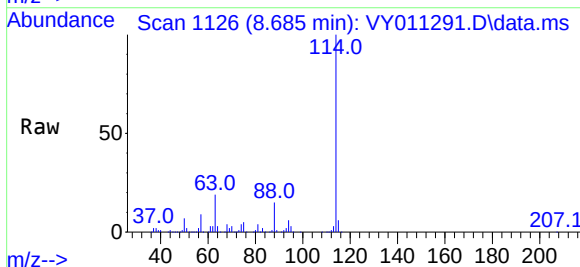
Tgt Ion: 114 Resp: 245716

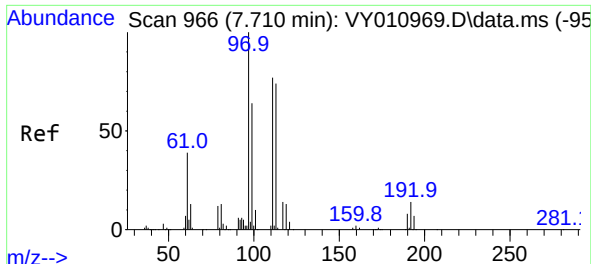
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.4 0.0 31.8

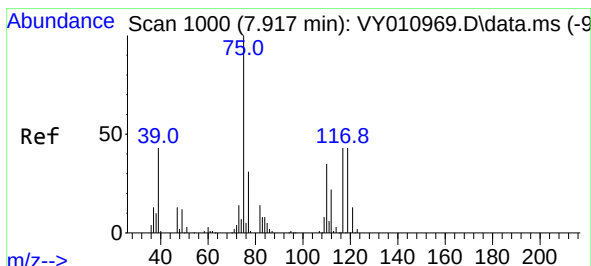
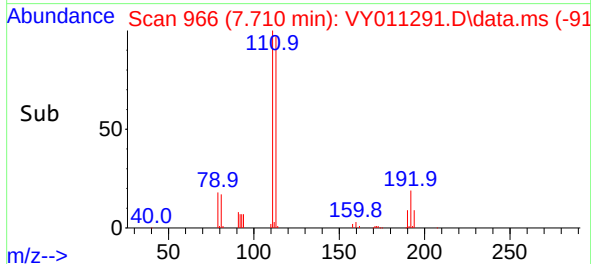
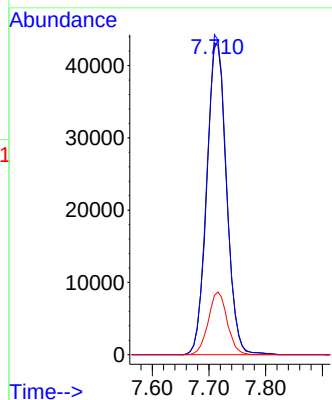
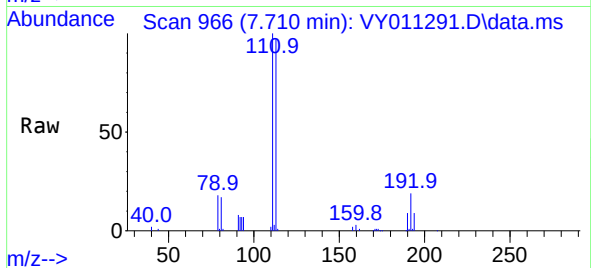




#35
Dibromofluoromethane
Concen: 65.935 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

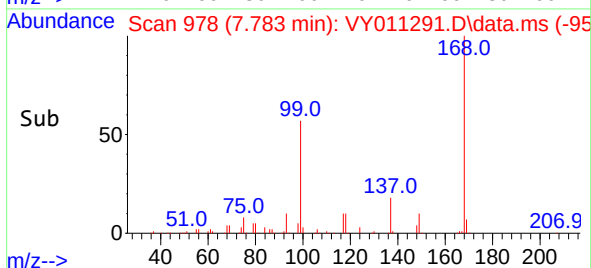
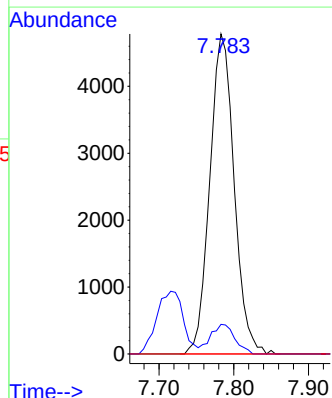
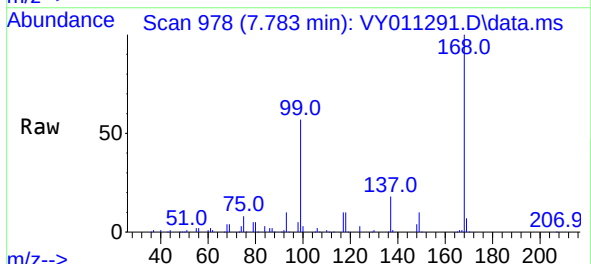
Instrument :
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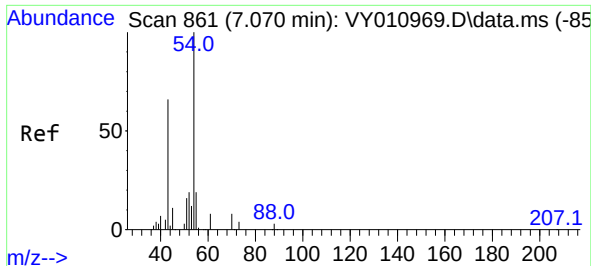
Tgt Ion:113 Resp: 104092
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.196 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 75 Resp: 10818
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.933 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.086 min

Lab File: VY011291.D

Acq: 03 Nov 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

S-5-103122RE

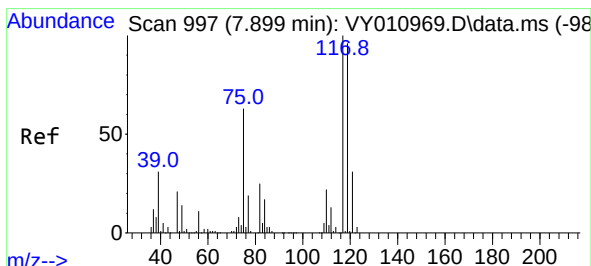
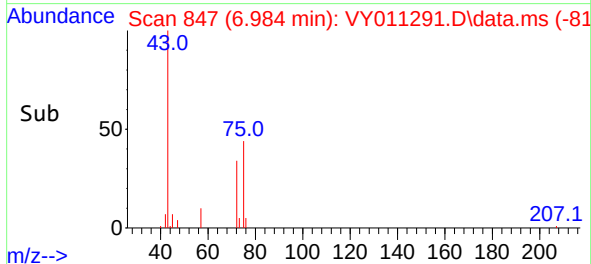
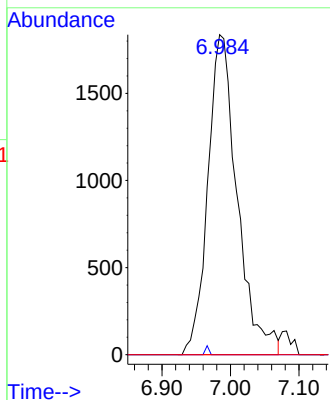
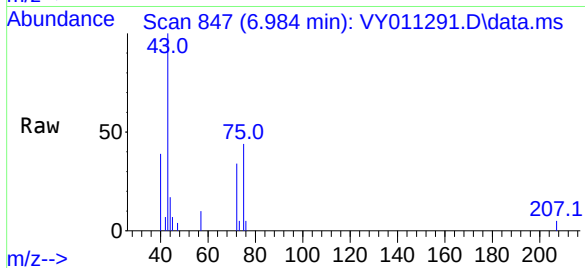
Tgt Ion: 43 Resp: 5466

Ion Ratio Lower Upper

43 100

61 0.3 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.292 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011291.D

Acq: 03 Nov 2022 16:47

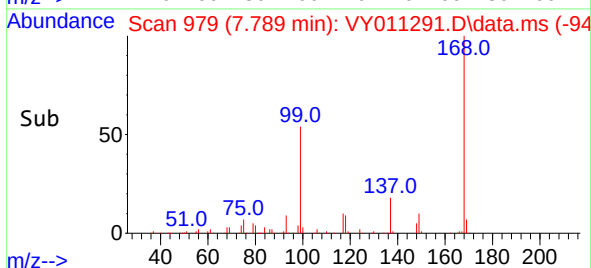
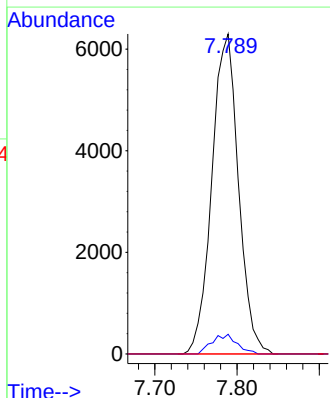
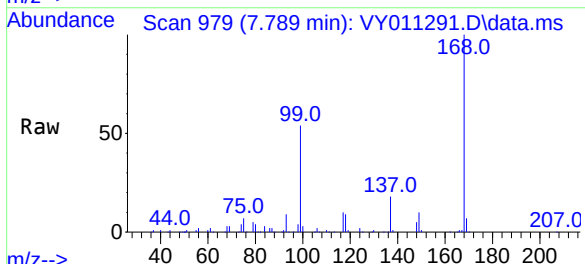
Tgt Ion: 117 Resp: 14155

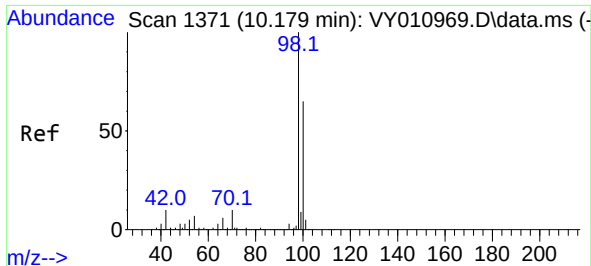
Ion Ratio Lower Upper

117 100

119 6.1 77.9 116.9#

121 0.0 24.8 37.2#

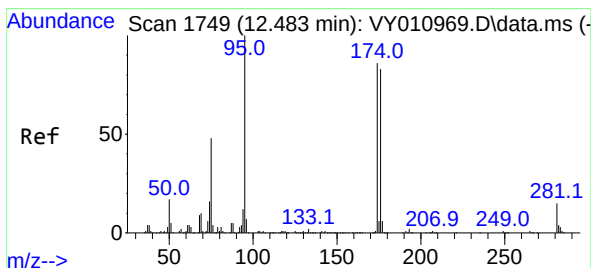
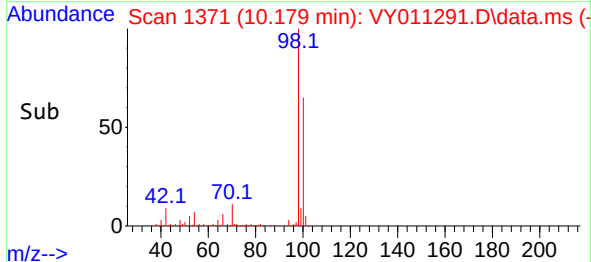
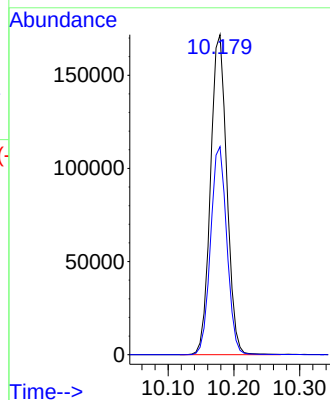
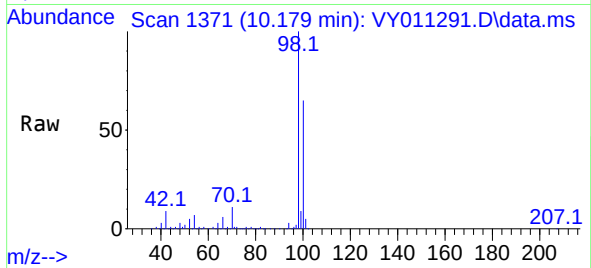




#50
Toluene-d8
Concen: 48.310 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

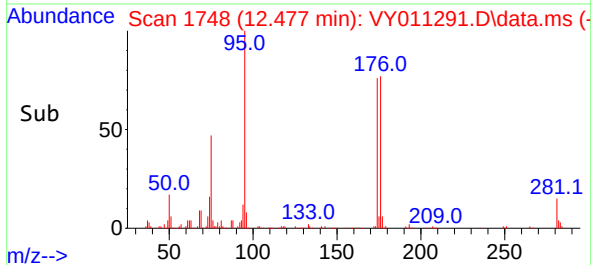
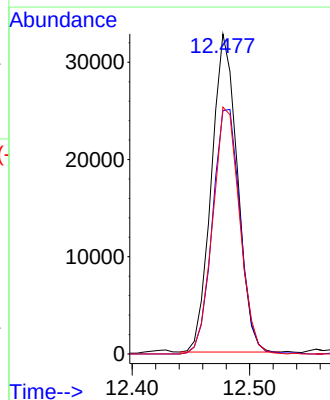
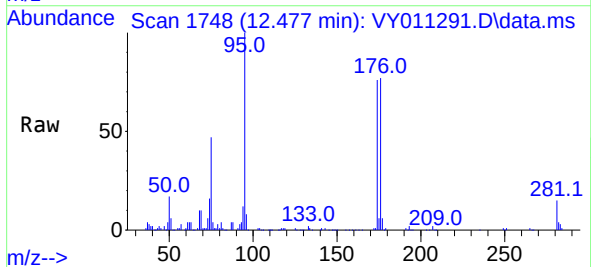
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

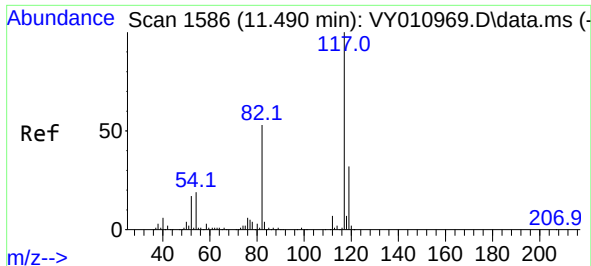
Tgt Ion: 98 Resp: 296116
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 23.639 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 95 Resp: 50301
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 80.5 0.0 175.8

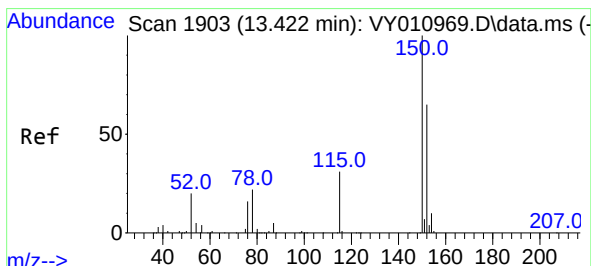
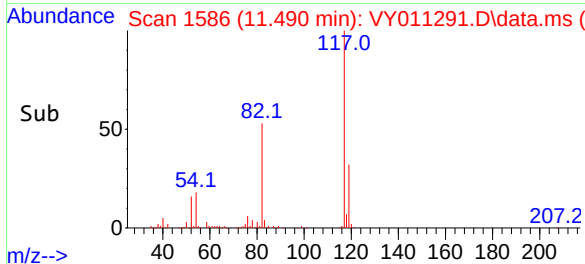
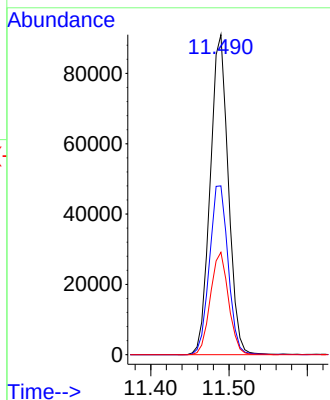
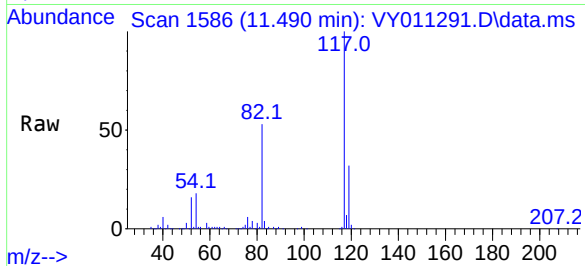




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

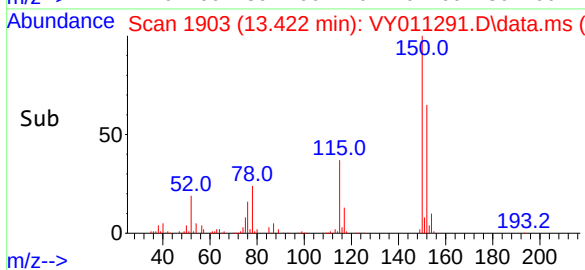
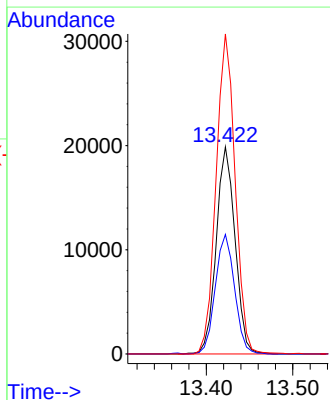
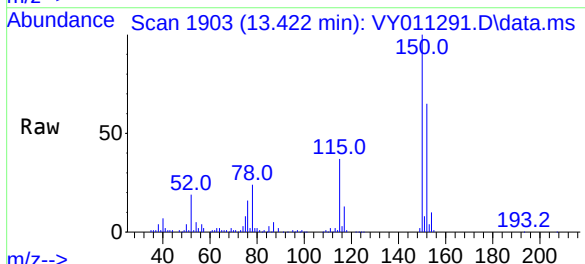
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

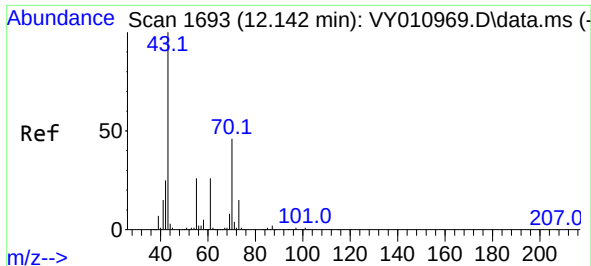
Tgt Ion:117 Resp: 145882
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion:152 Resp: 30099
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 156.2 0.0 347.6

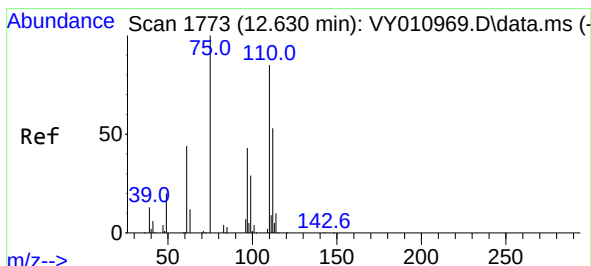
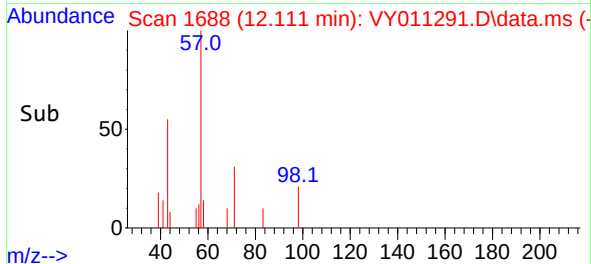
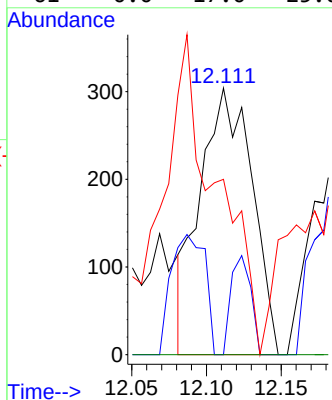
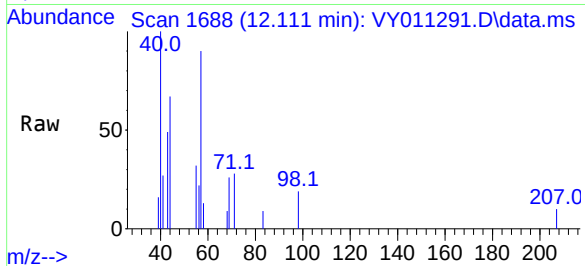




#74
N-amy1 acetate
Concen: 1.305 ug/l
RT: 12.111 min Scan# 1
Delta R.T. -0.031 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

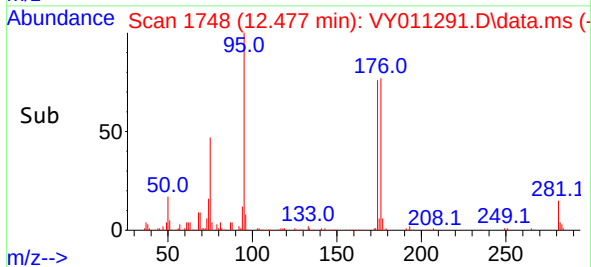
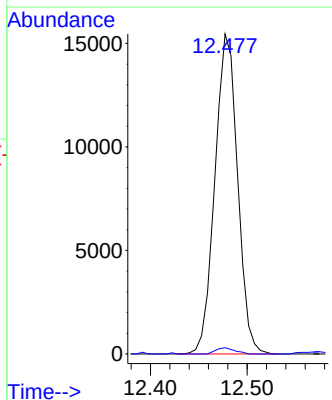
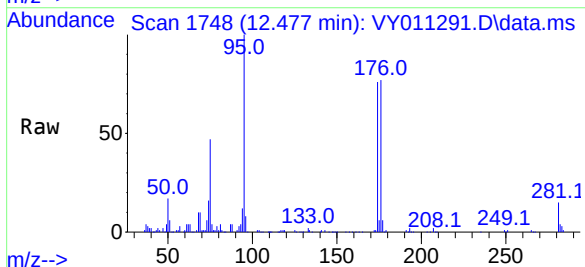
Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

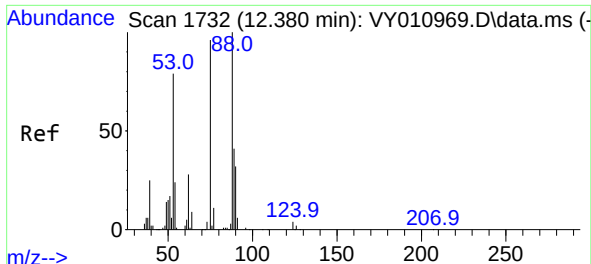
Tgt Ion: 43	Resp: 737
Ion Ratio	Lower Upper
43 100	
70 14.1	28.7 43.1#
55 0.0	17.3 25.9#
61 0.0	17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 68.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion: 75	Resp: 25168
Ion Ratio	Lower Upper
75 100	
77 1.6	0.0 0.0#

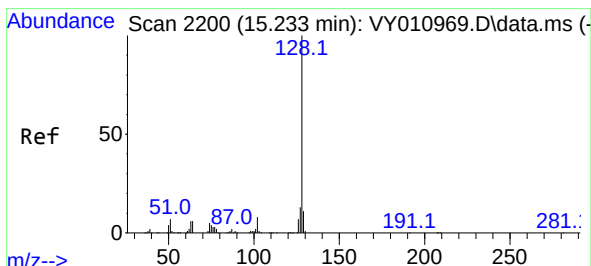
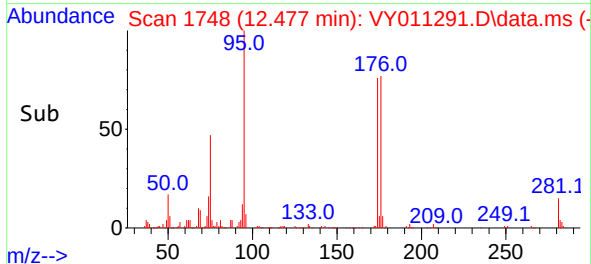
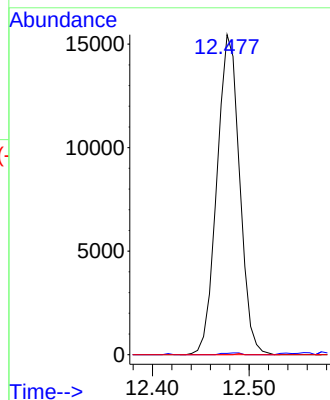
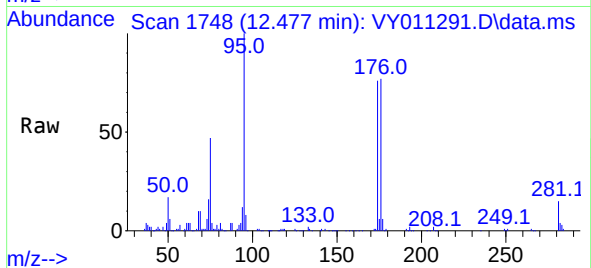




#81
trans-1,4-Dichloro-2-butene
Concen: 146.993 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
S-5-103122RE

Tgt Ion: 75 Resp: 25168
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 4.555 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011291.D
Acq: 03 Nov 2022 16:47

Tgt Ion:128 Resp: 853
Ion Ratio Lower Upper
128 100
127 12.0 11.0 16.4
129 0.0 8.4 12.6#

