

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010831.D
 Acq On : 05 Oct 2022 19:25
 Operator : KP/MD
 Sample : N5004-12
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22020-18

Quant Time: Oct 06 09:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

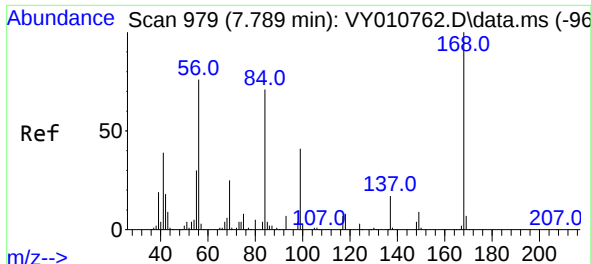
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	140430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106225	74.626	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.260%			
35) Dibromofluoromethane	7.716	113	103447	65.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 131.580%			
50) Toluene-d8	10.179	98	231756	43.100	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.200%			
62) 4-Bromofluorobenzene	12.477	95	39040	16.088	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 32.180%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	58	Below Cal	#	77
16) Acetone	3.948	43	7358	20.353	ug/l #	78
20) Methylene Chloride	4.704	84	6812	Below Cal	#	83
25) 2-Butanone	6.984	43	2350	4.521	ug/l #	80
31) Cyclohexane	7.789	56	2991	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10887	4.796	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13685	5.789	ug/l #	15
41) Methacrylonitrile	7.356	41	88	2.709	ug/l #	1
51) 4-Methyl-2-Pentanone	10.179	43	1142	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	20398	82.608	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20398	172.562	ug/l #	7

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

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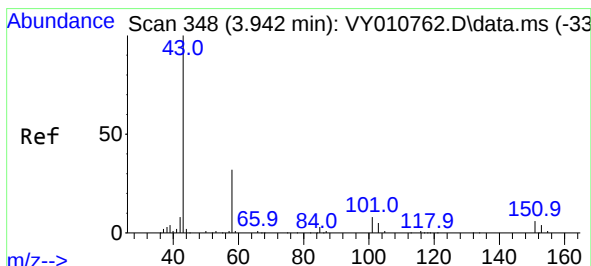
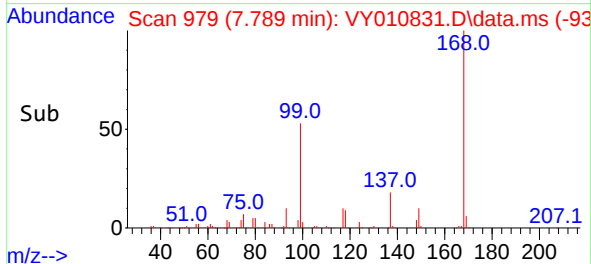
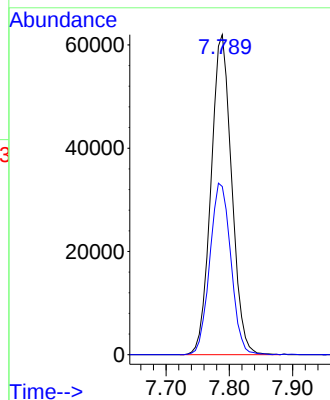
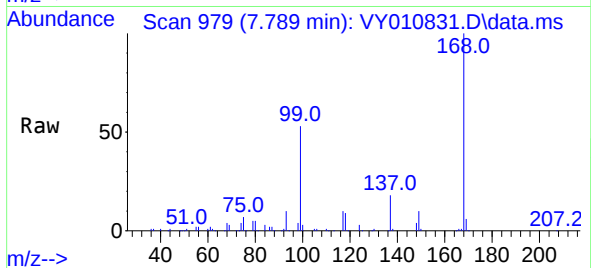




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

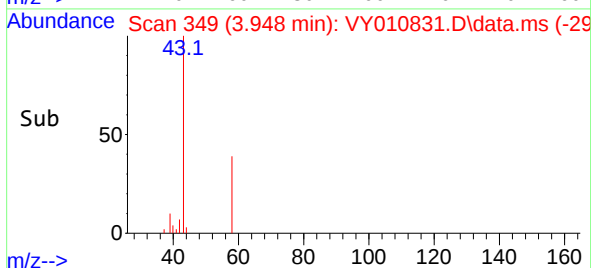
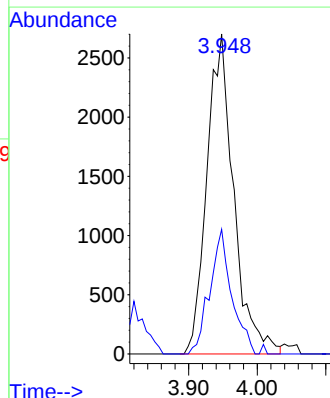
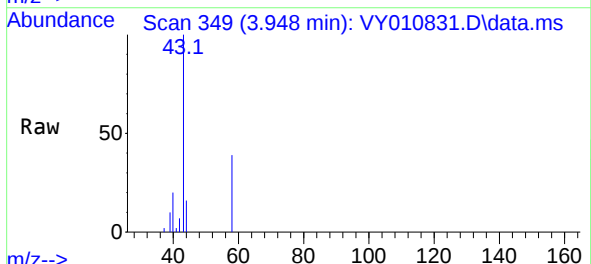
Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

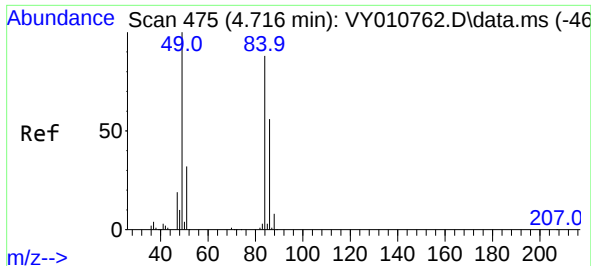
Tgt Ion:168 Resp: 140430
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 20.353 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 43 Resp: 7358
Ion Ratio Lower Upper
43 100
58 39.0 22.0 33.0#



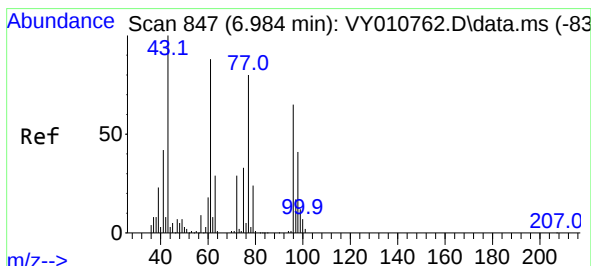
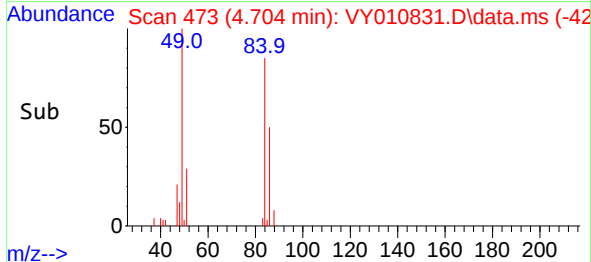
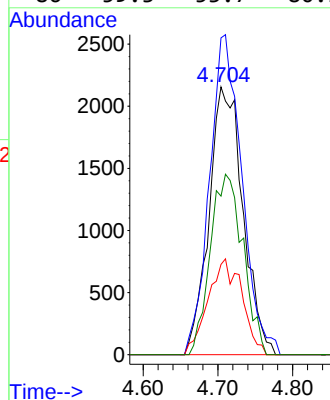
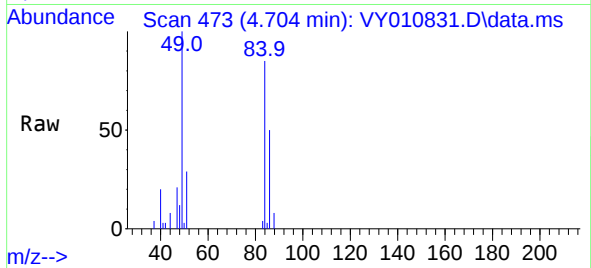


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

Tgt Ion: 84 Resp: 6812

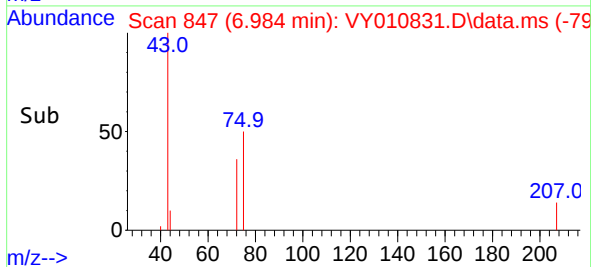
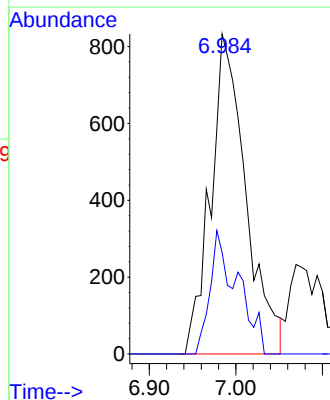
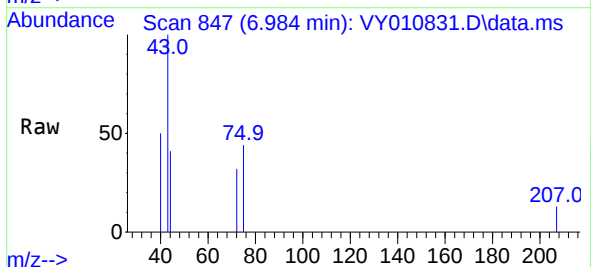
Ion	Ratio	Lower	Upper
84	100		
49	118.3	114.4	171.6
51	33.7	35.3	52.9#
86	59.3	53.7	80.5

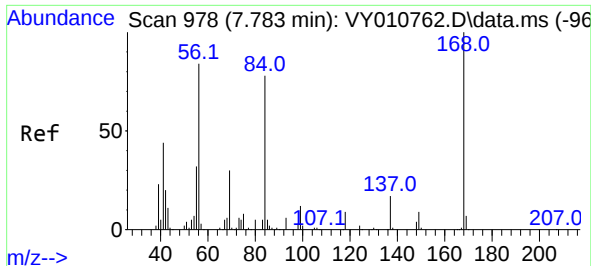


#25
2-Butanone
Concen: 4.521 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 43 Resp: 2350

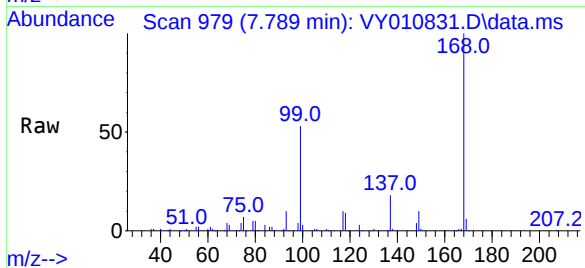
Ion	Ratio	Lower	Upper
43	100		
72	31.7	17.7	26.5#



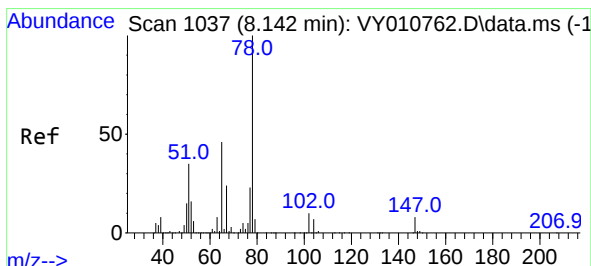
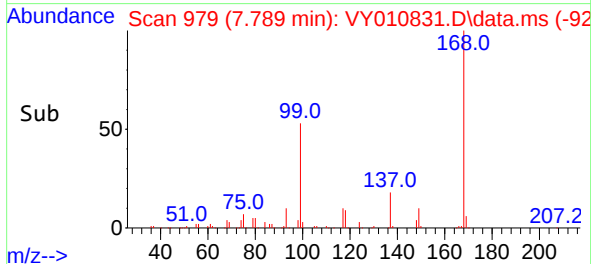
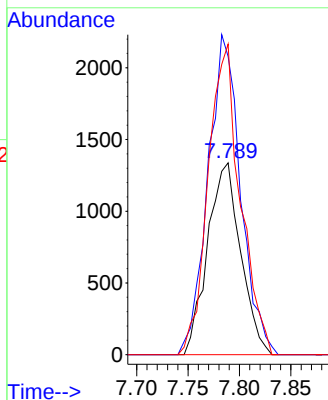


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

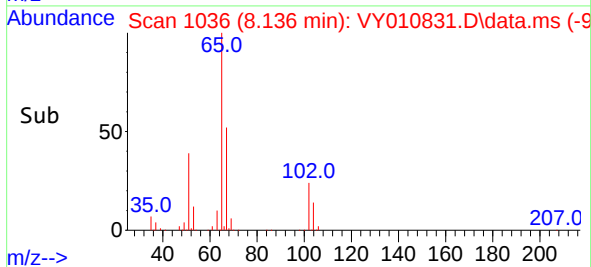
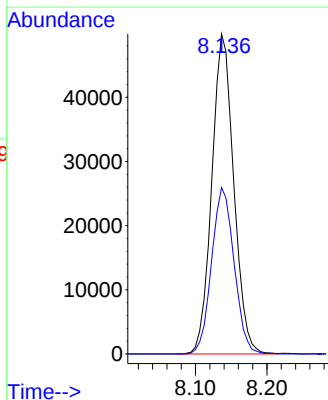
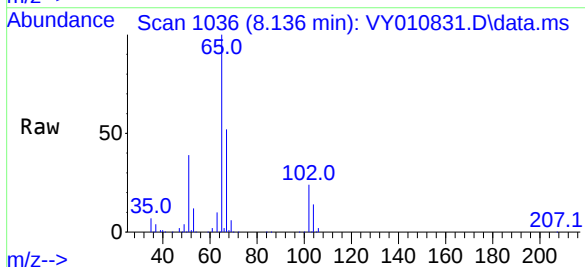


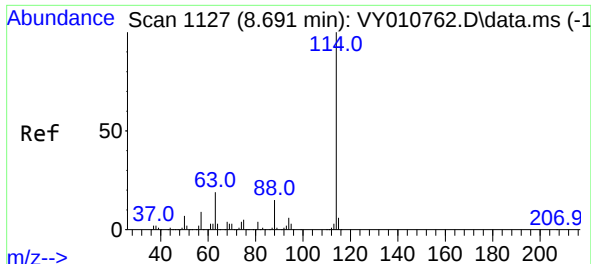
Tgt Ion: 56 Resp: 2991
Ion Ratio Lower Upper
56 100
69 155.5 26.7 40.1#
84 161.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 74.626 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 65 Resp: 106225
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010831.D

Acq: 05 Oct 2022 19:25

Instrument :

MSVOA_Y

ClientSampleId :

D22020-18

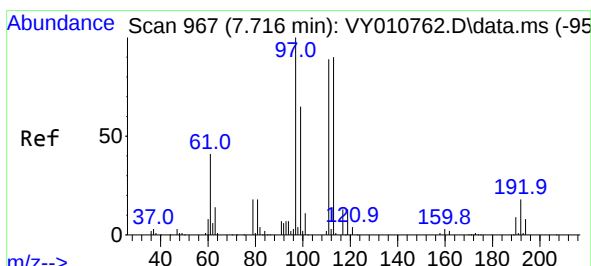
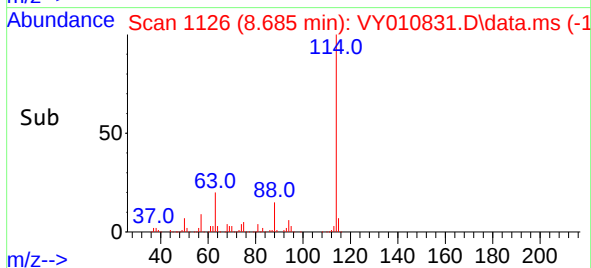
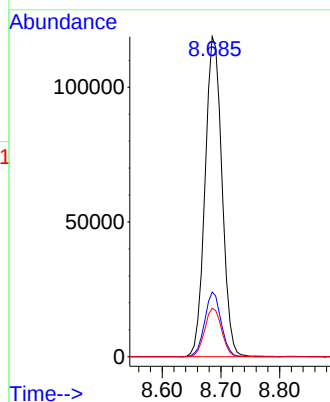
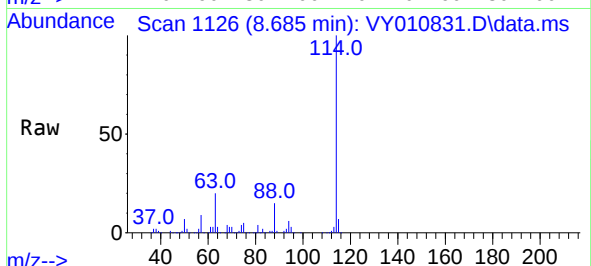
Tgt Ion:114 Resp: 236863

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.793 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010831.D

Acq: 05 Oct 2022 19:25

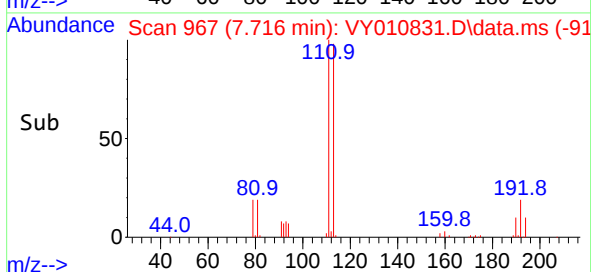
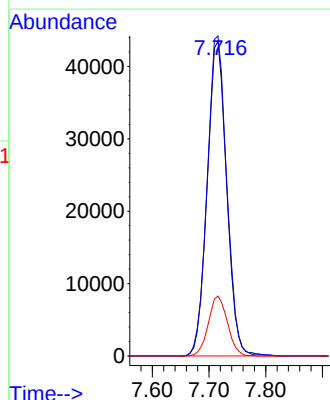
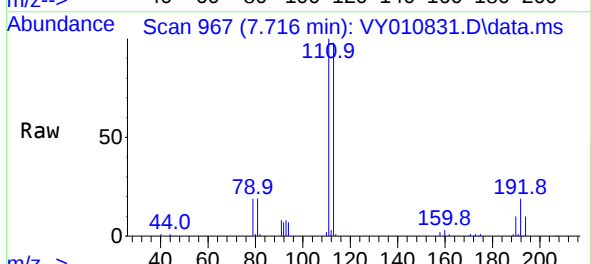
Tgt Ion:113 Resp: 103447

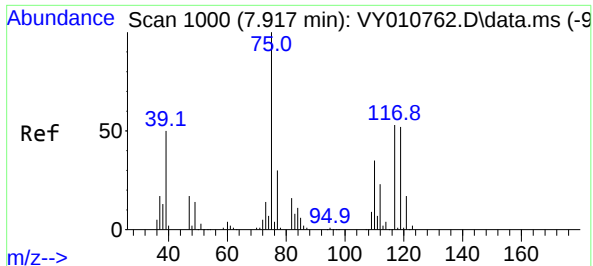
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.7 17.6 26.4

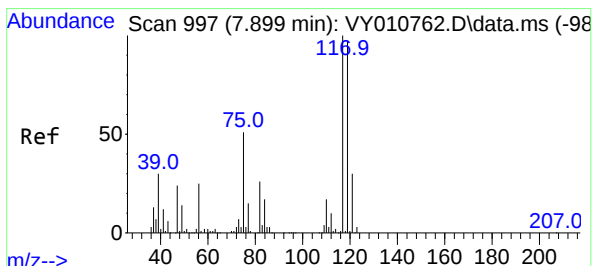
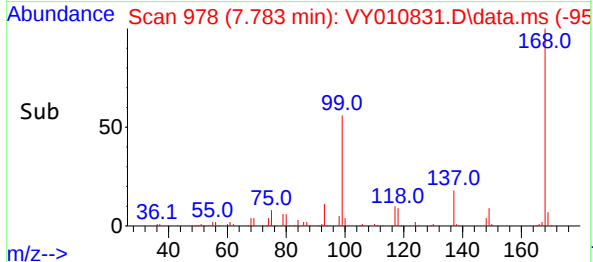
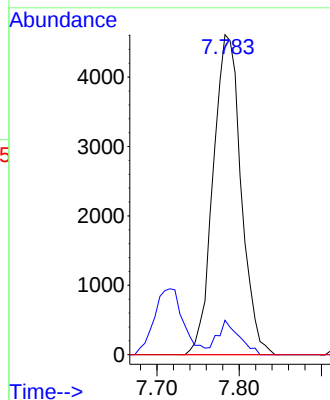
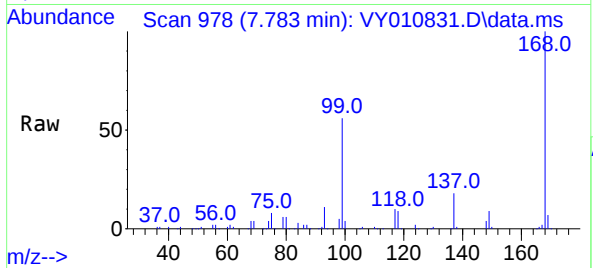




#36
1,1-Dichloropropene
Concen: 4.796 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

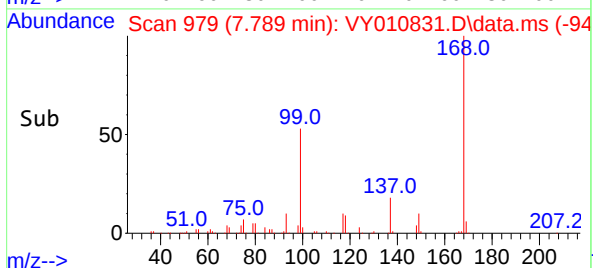
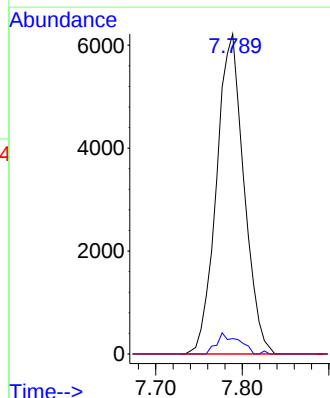
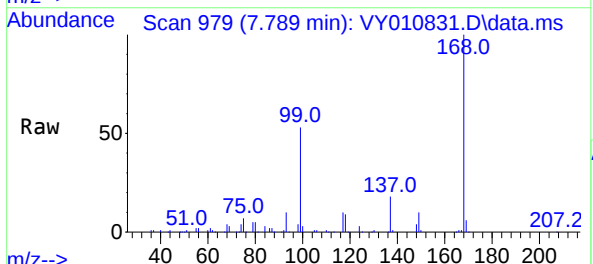
Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

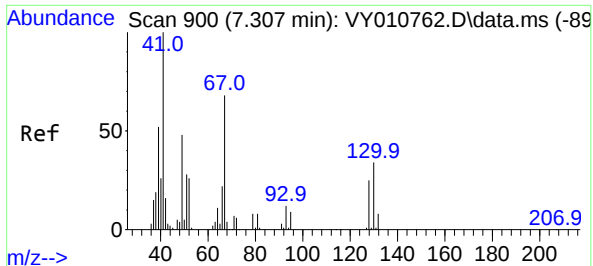
Tgt Ion: 75 Resp: 10887
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 117 Resp: 13685
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#

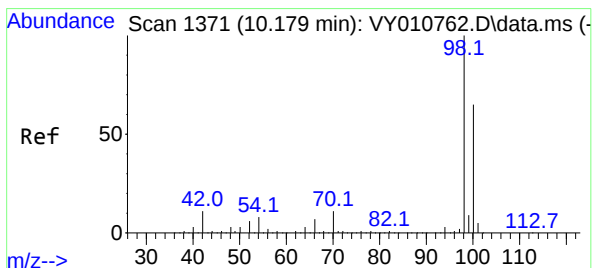
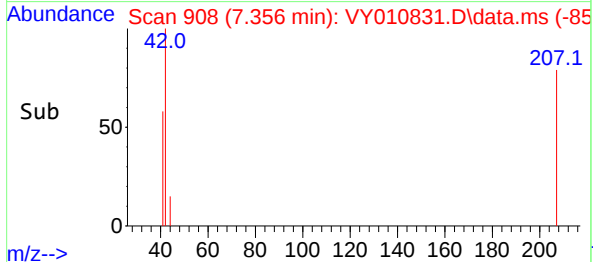
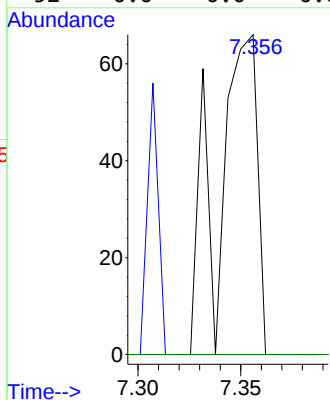
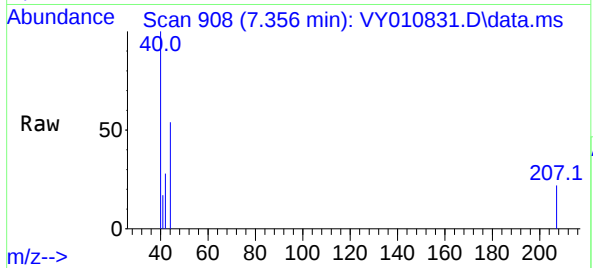




#41
Methacrylonitrile
Concen: 2.709 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.049 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

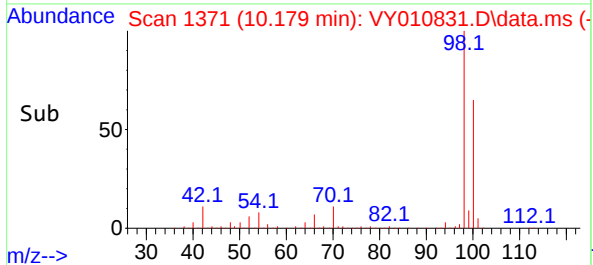
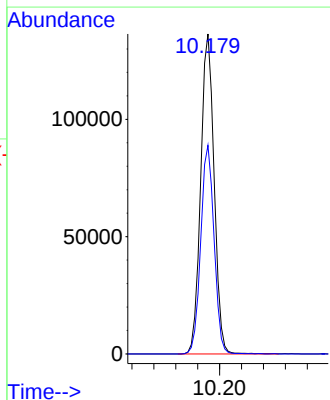
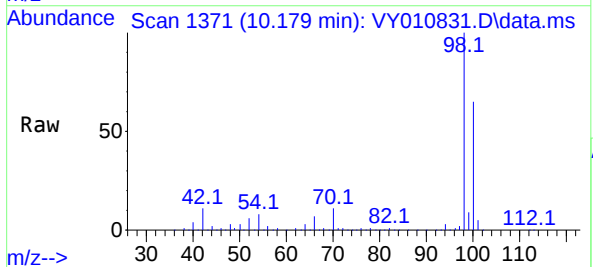
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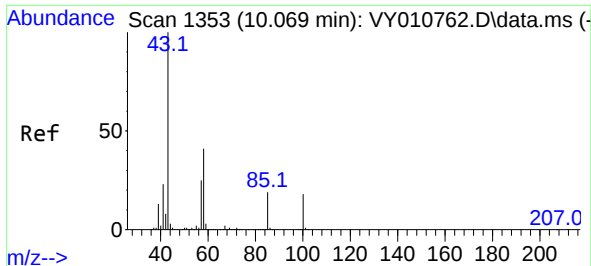
Tgt Ion: 41	Resp: 88
Ion Ratio	Lower Upper
41 100	
39 0.0	92.9 139.3#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 43.100 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 98	Resp: 231756
Ion Ratio	Lower Upper
98 100	
100 64.6	50.2 75.2

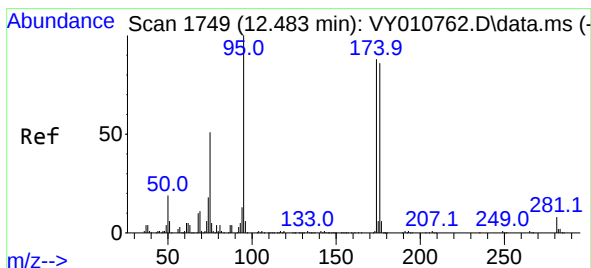
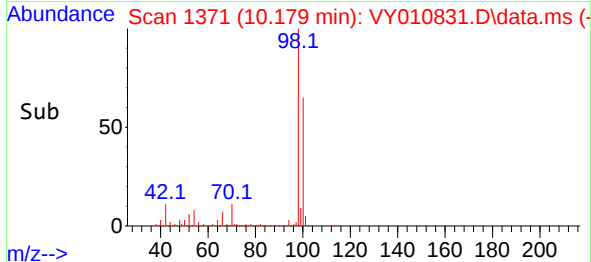
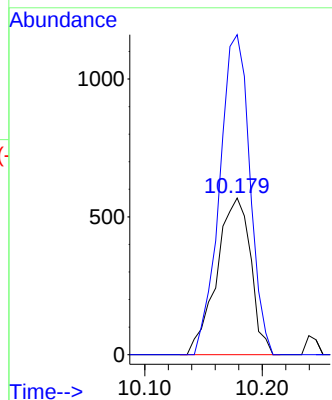
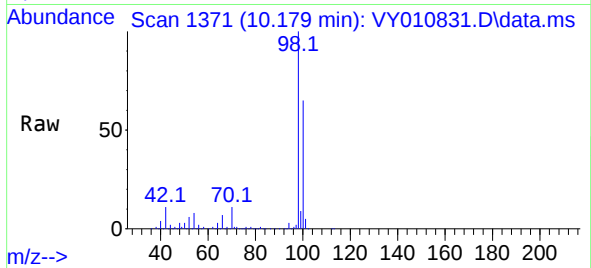




#51
4-Methyl-2-Pentanone
Concen: 1.035 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

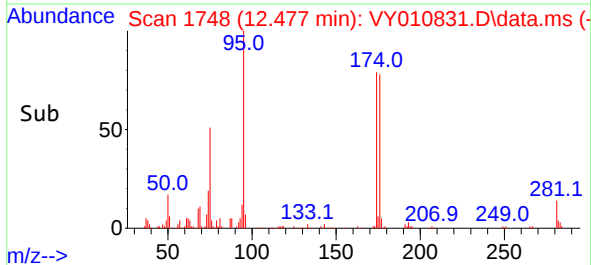
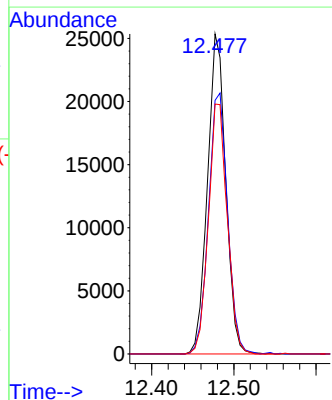
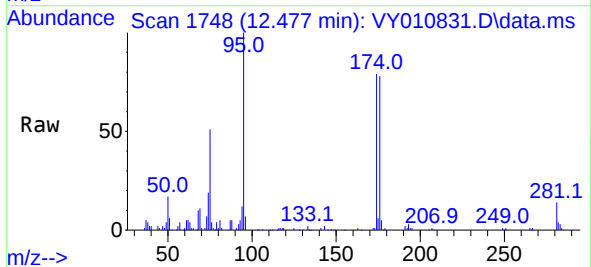
Instrument :
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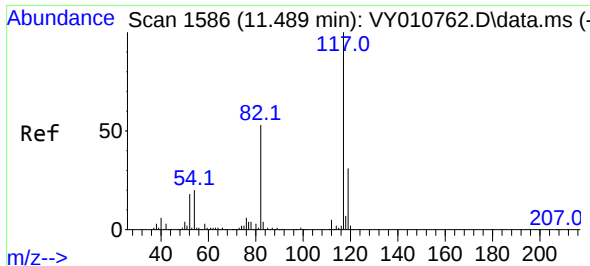
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 182.2 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 16.088 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 95 Resp: 39040
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 80.8 0.0 175.8

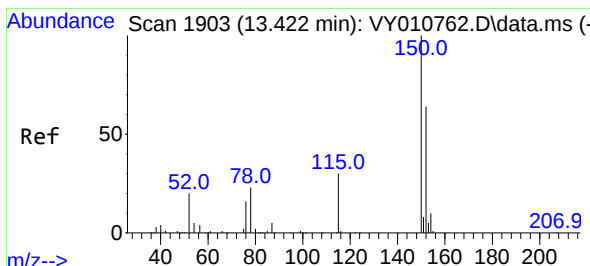
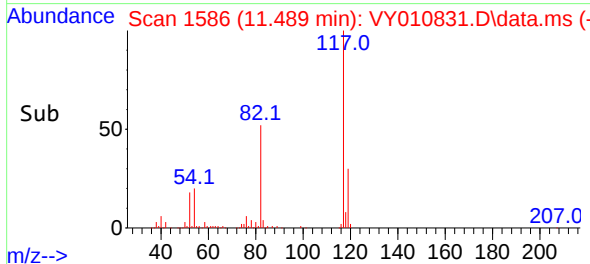
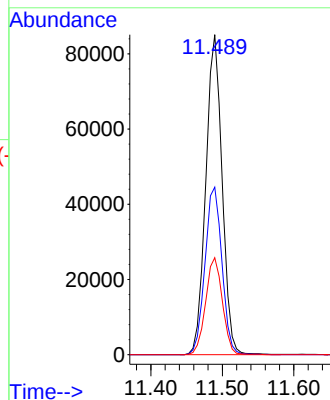
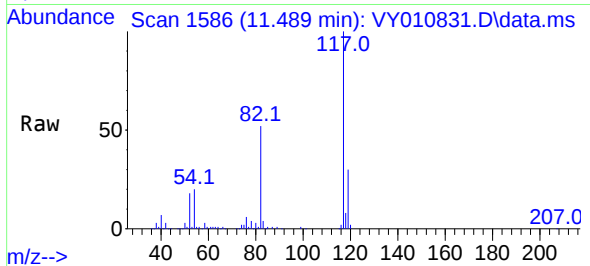




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

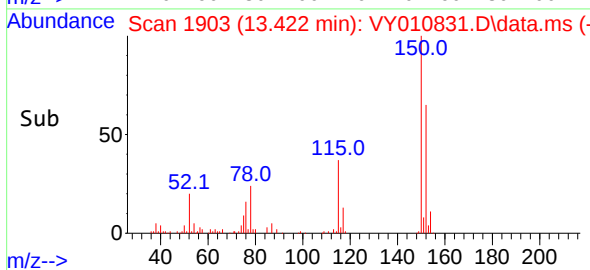
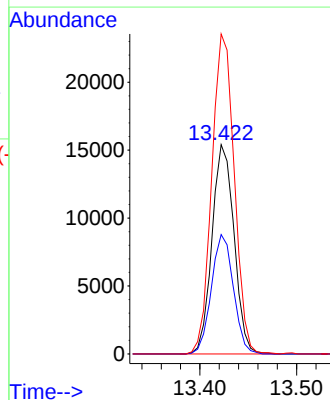
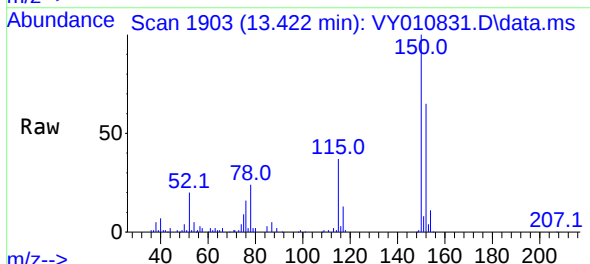
Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

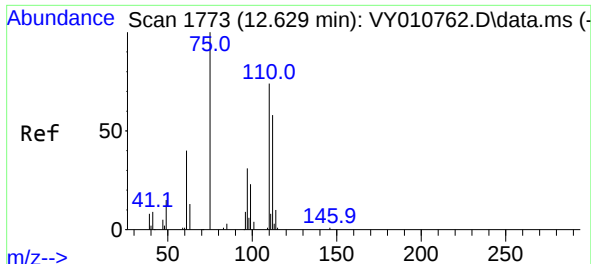
Tgt Ion:	117	Resp:	134984
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	30.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion:	152	Resp:	24383
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	155.8	0.0	347.6

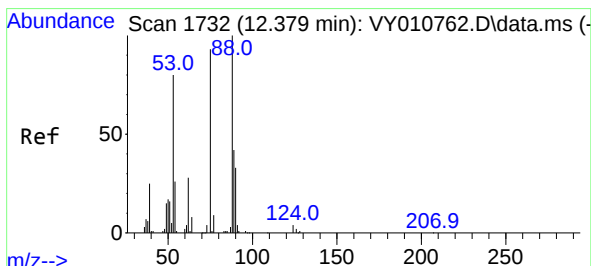
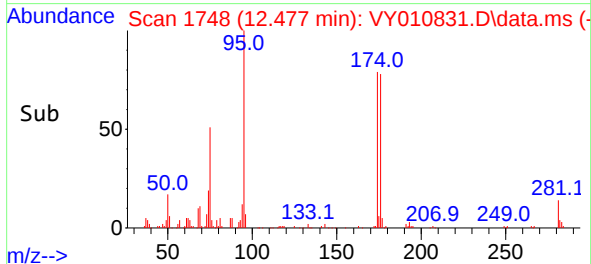
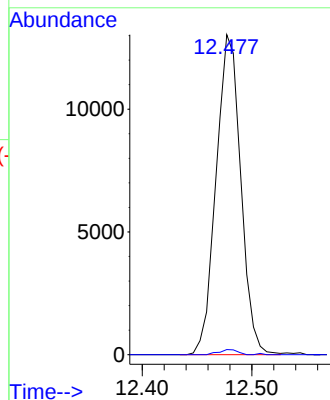
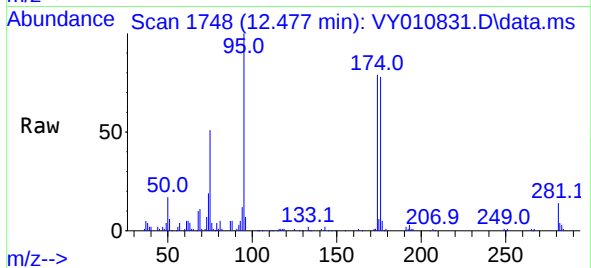




#76
1,2,3-Trichloropropane
Concen: 82.608 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Instrument :
MSVOA_Y
ClientSampleId :
D22020-18

Tgt Ion: 75 Resp: 20398
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 172.562 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010831.D
Acq: 05 Oct 2022 19:25

Tgt Ion: 75 Resp: 20398
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

