

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010631.D
 Acq On : 22 Sep 2022 18:36
 Operator : KP/MD
 Sample : N4712-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091922RE

Quant Time: Sep 23 09:04:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

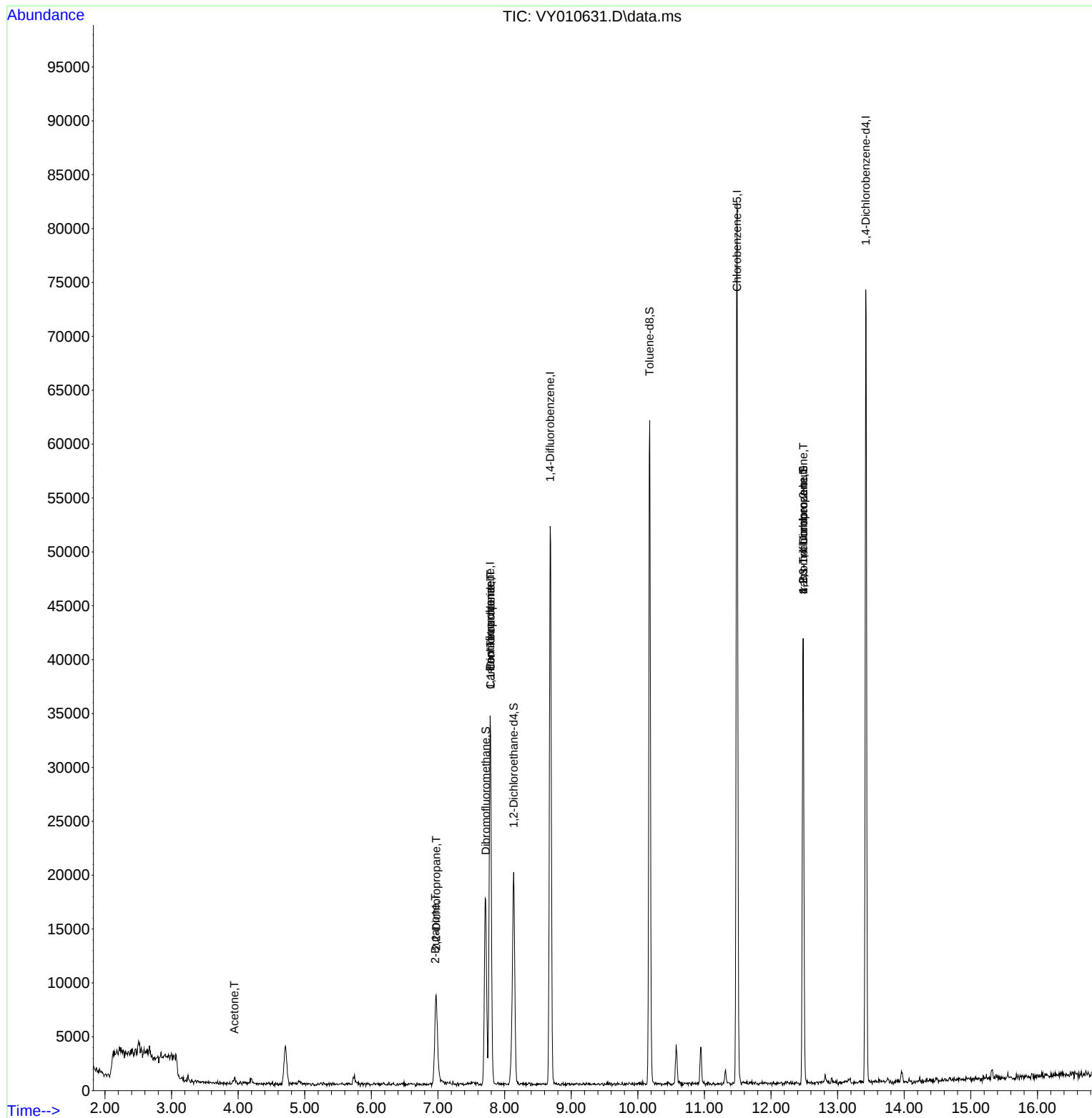
Internal Standards						
1) Pentafluorobenzene	7.783	168	26689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	45662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14032	54.968	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.940%			
35) Dibromofluoromethane	7.716	113	12568	43.127	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.260%			
50) Toluene-d8	10.179	98	41892	39.590	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 79.180%			
62) 4-Bromofluorobenzene	12.483	95	12238	29.511	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 59.020%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	185	Below Cal	#	44
4) Vinyl Chloride	2.400	62	84	Below Cal	#	43
5) Bromomethane	2.668	94	187	Below Cal	#	63
11) Tert butyl alcohol	4.930	59	250	Below Cal	#	77
16) Acetone	3.942	43	808	15.521	ug/l	94
18) Methyl Acetate	4.491	43	25	Below Cal	#	56
20) Methylene Chloride	4.710	84	2650	Below Cal		85
25) 2-Butanone	6.960	43	387	4.753	ug/l	# 54
26) 2,2-Dichloropropane	6.972	77	628	1.622	ug/l	# 55
31) Cyclohexane	7.777	56	510	Below Cal	#	33
36) 1,1-Dichloropropene	7.789	75	1965	6.052	ug/l	# 46
38) Carbon Tetrachloride	7.789	117	2711	7.261	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	6369	34.859	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	6369	77.507	ug/l	# 7

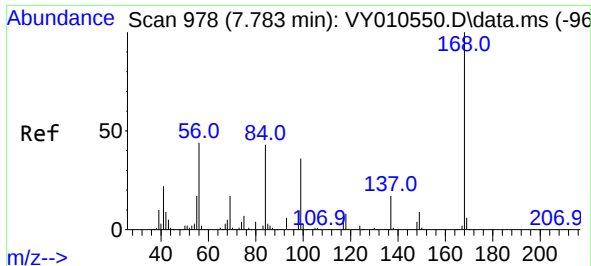
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
Data File : VY010631.D
Acq On : 22 Sep 2022 18:36
Operator : KP/MD
Sample : N4712-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

Quant Time: Sep 23 09:04:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

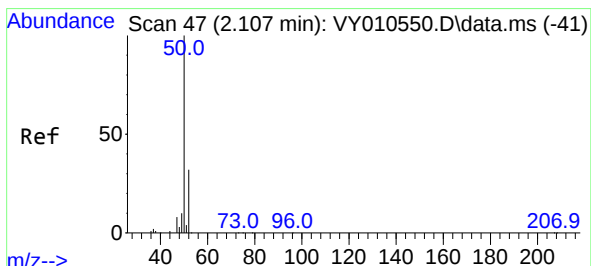
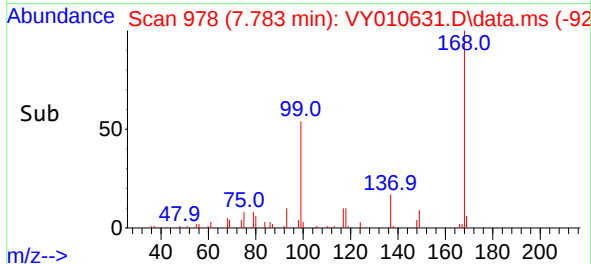
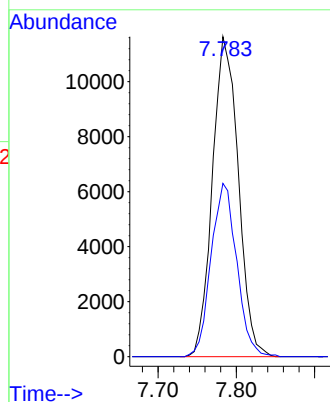
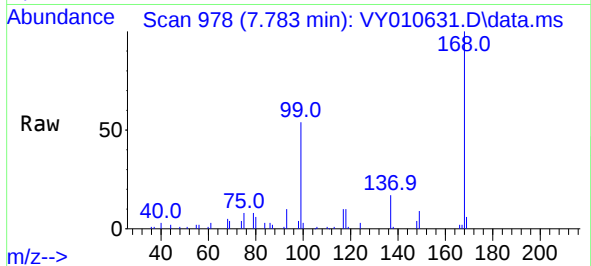




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

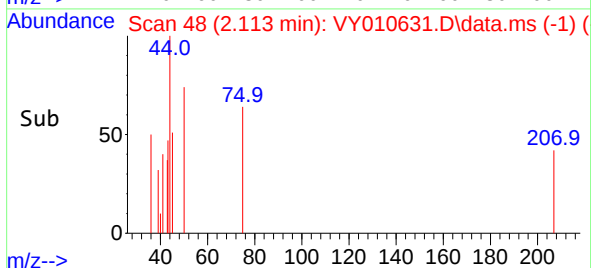
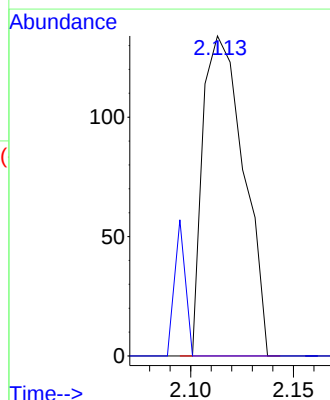
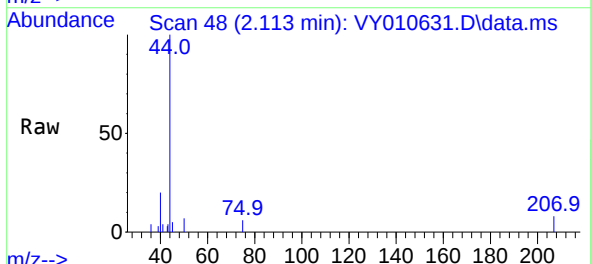
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

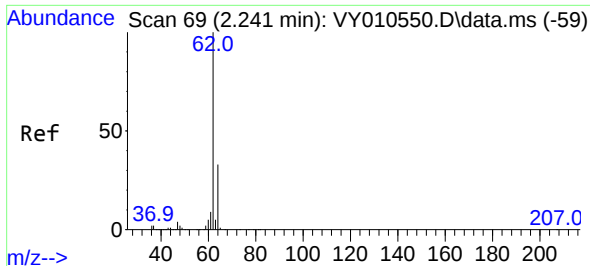
Tgt Ion:168 Resp: 26689
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

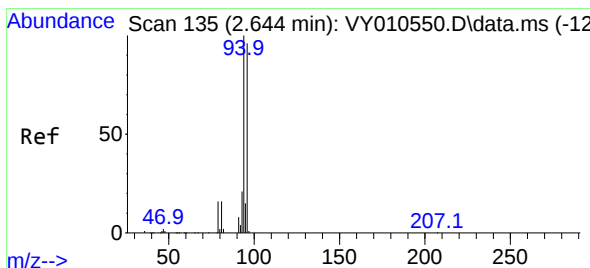
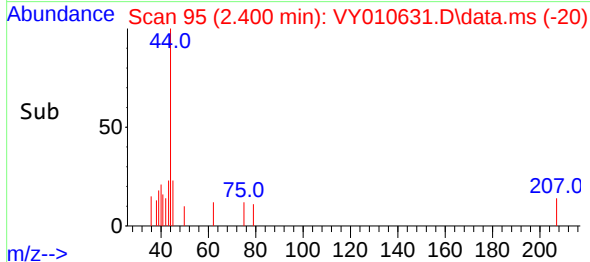
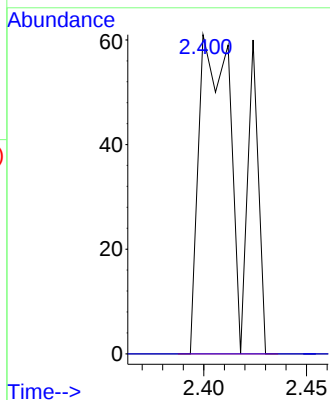
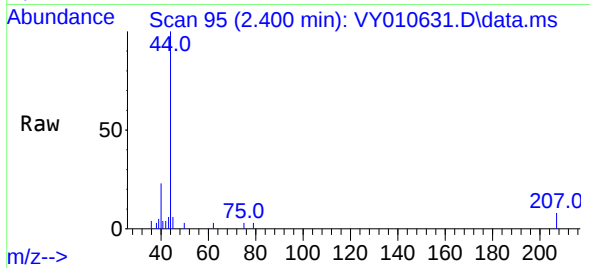




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.400 min Scan# 91
 Delta R.T. 0.159 min
 Lab File: VY010631.D
 Acq: 22 Sep 2022 18:36

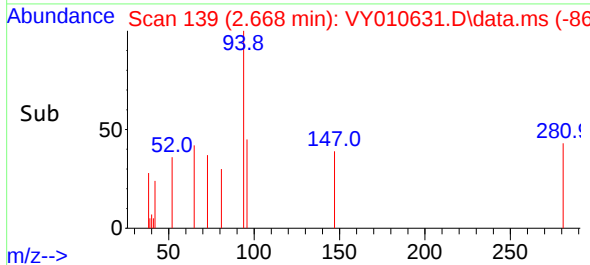
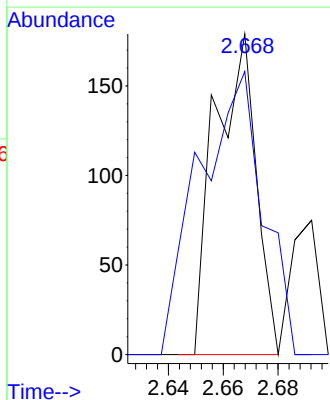
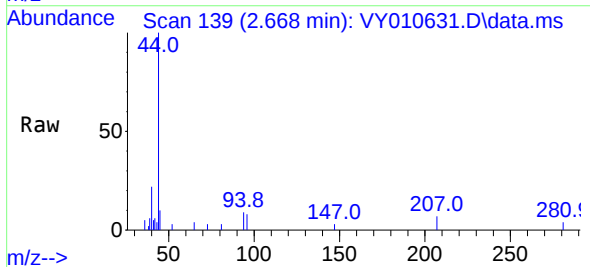
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091922RE

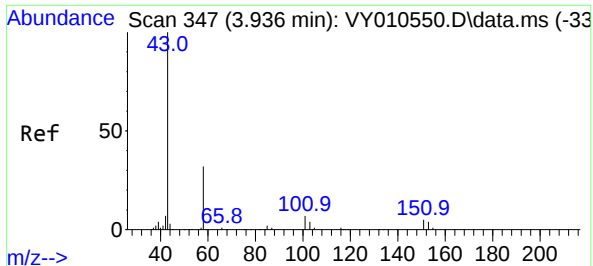
Tgt Ion: 62 Resp: 84
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.668 min Scan# 139
 Delta R.T. 0.024 min
 Lab File: VY010631.D
 Acq: 22 Sep 2022 18:36

Tgt Ion: 94 Resp: 187
 Ion Ratio Lower Upper
 94 100
 96 56.4 73.5 110.3#

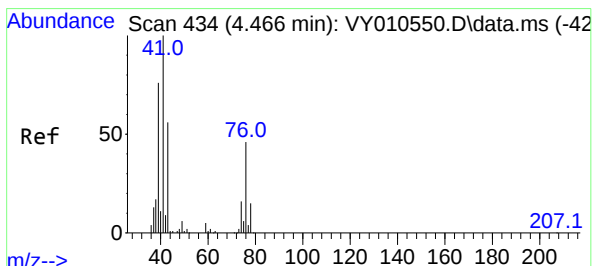
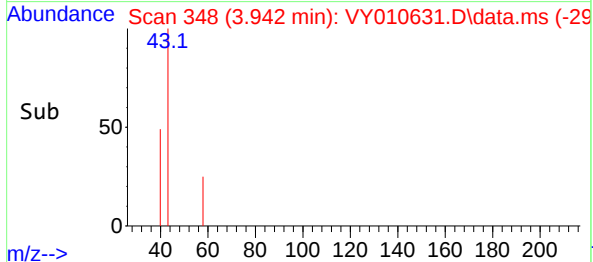
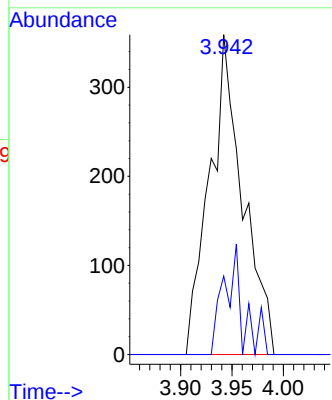
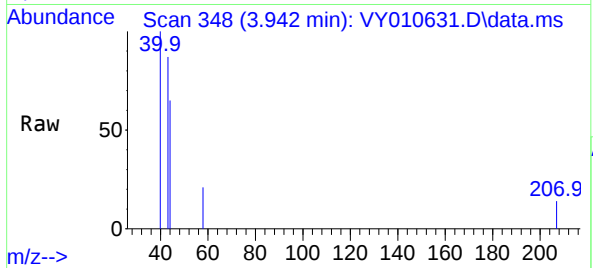




#16
Acetone
Concen: 15.521 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

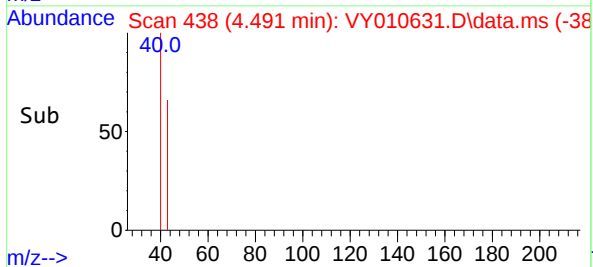
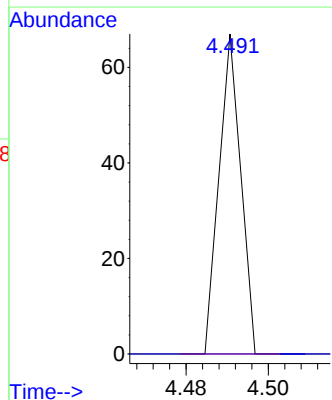
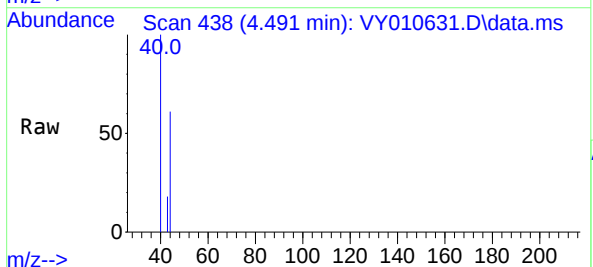
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

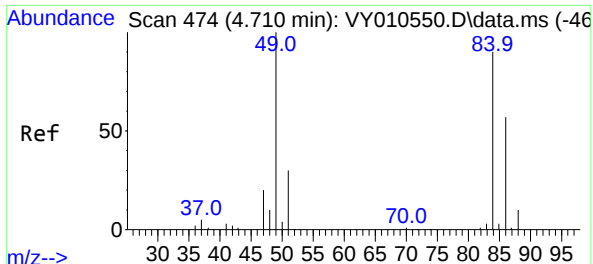
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.025 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY010631.D

Acq: 22 Sep 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-091922RE

Tgt Ion: 84 Resp: 2650

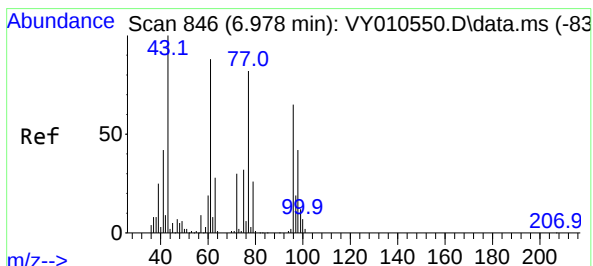
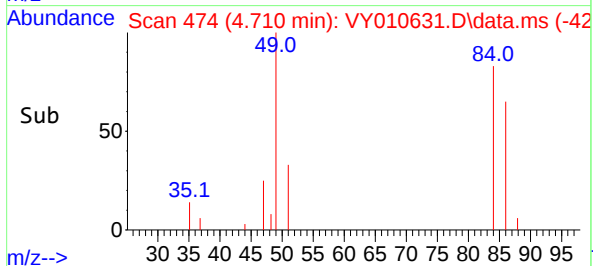
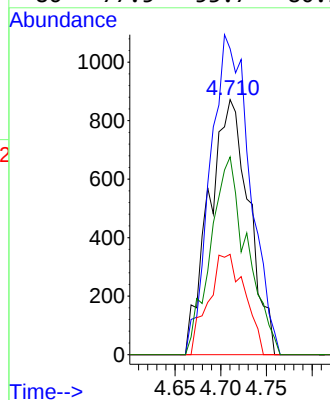
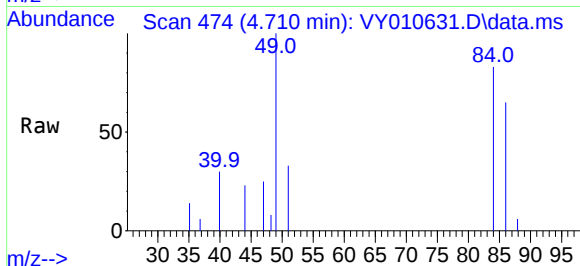
Ion Ratio Lower Upper

84 100

49 120.0 114.4 171.6

51 39.3 35.3 52.9

86 77.5 53.7 80.5



#25

2-Butanone

Concen: 4.753 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.018 min

Lab File: VY010631.D

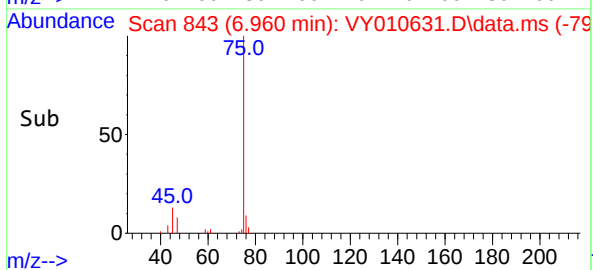
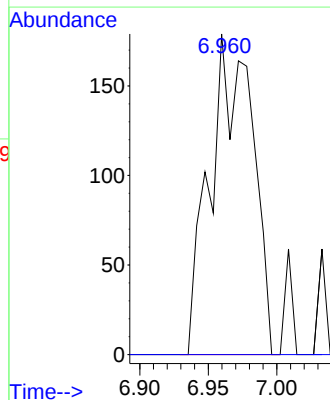
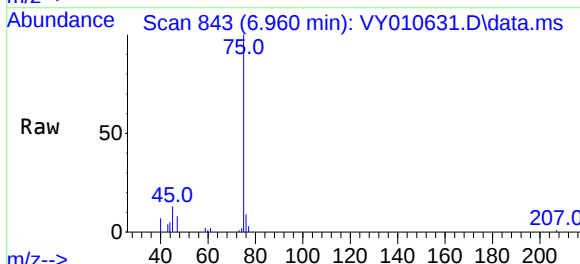
Acq: 22 Sep 2022 18:36

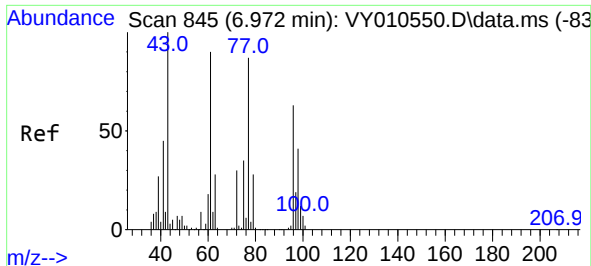
Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

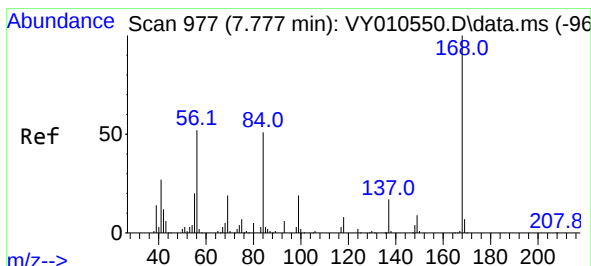
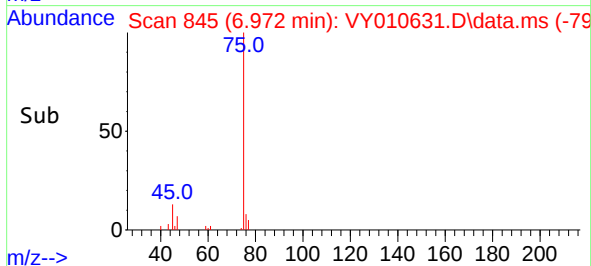
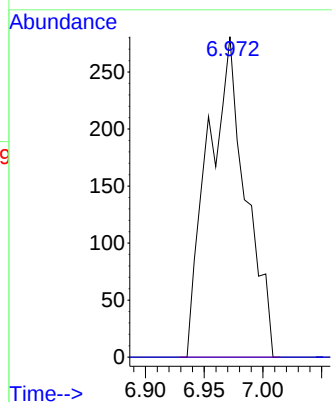
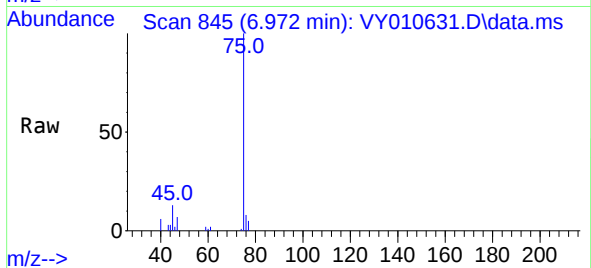




#26
2,2-Dichloropropane
Concen: 1.622 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

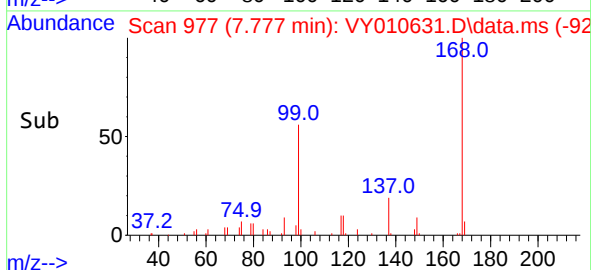
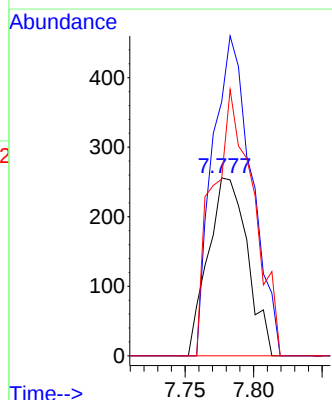
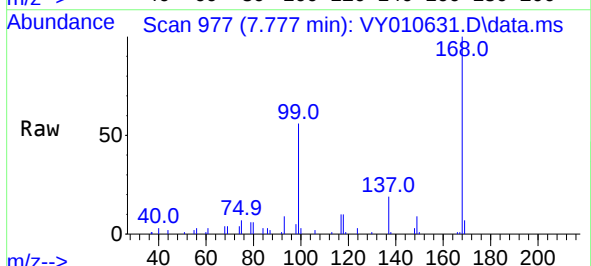
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

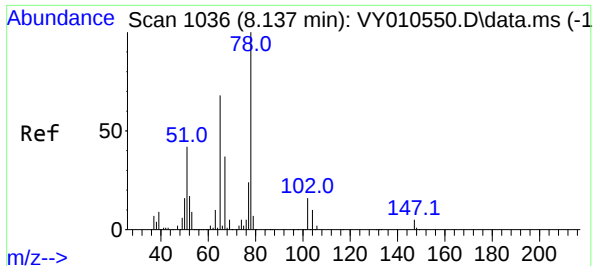
Tgt Ion: 77 Resp: 628
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 56 Resp: 510
Ion Ratio Lower Upper
56 100
69 142.6 26.7 40.1#
84 99.2 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 54.968 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010631.D

Acq: 22 Sep 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

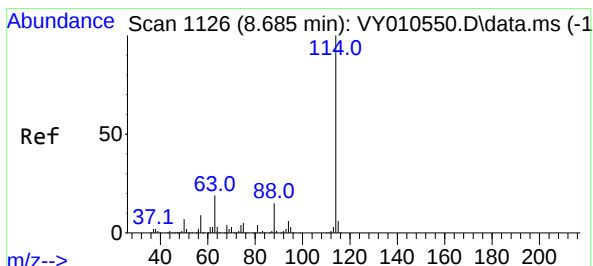
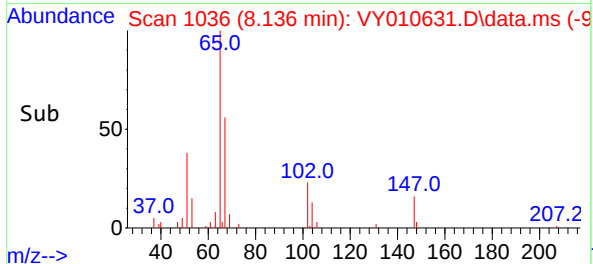
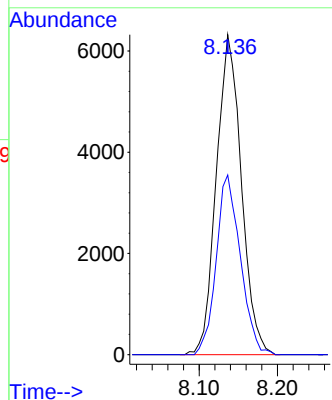
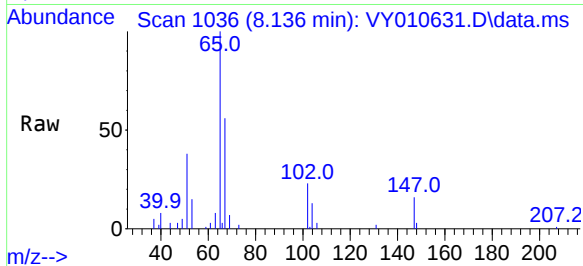
HR-01-091922RE

Tgt Ion: 65 Resp: 14032

Ion Ratio Lower Upper

65 100

67 54.2 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: VY010631.D

Acq: 22 Sep 2022 18:36

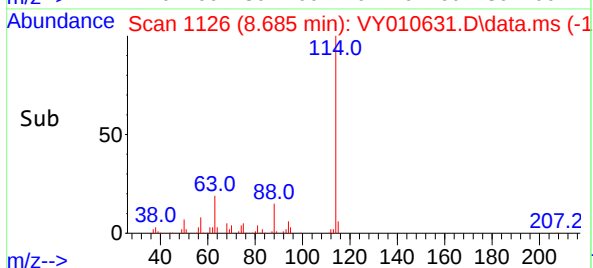
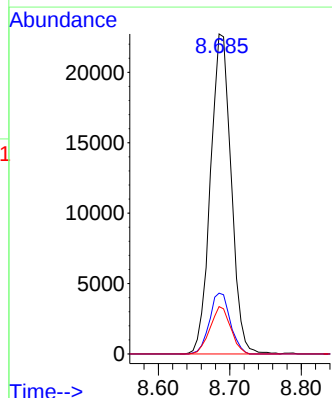
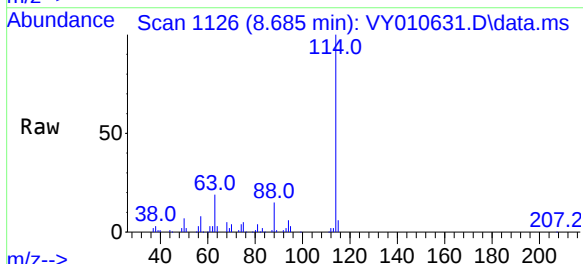
Tgt Ion:114 Resp: 45662

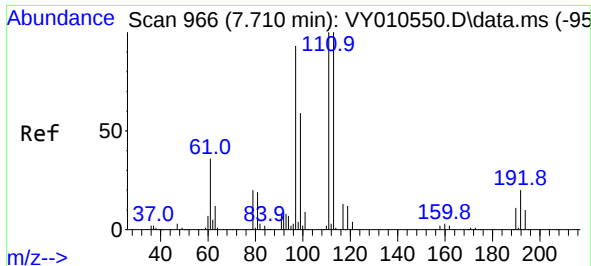
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.8 0.0 31.8

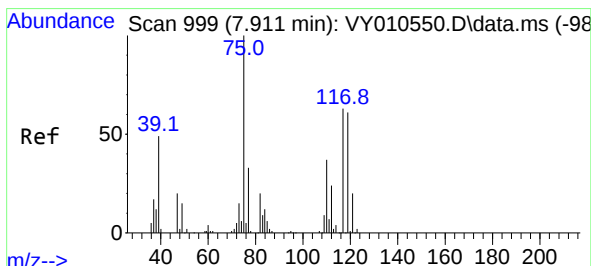
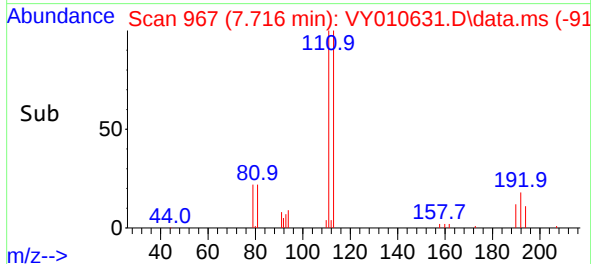
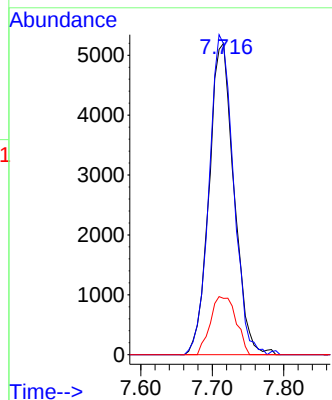
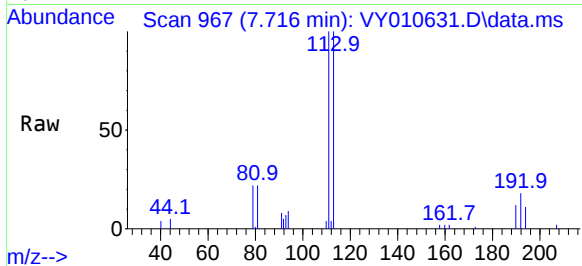




#35
Dibromofluoromethane
Concen: 43.127 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

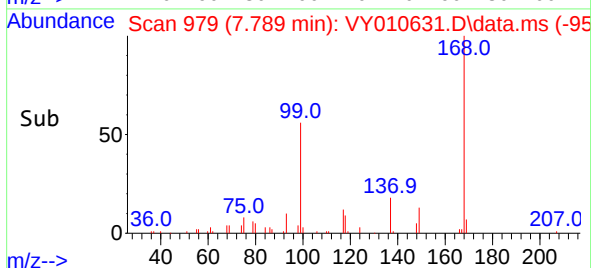
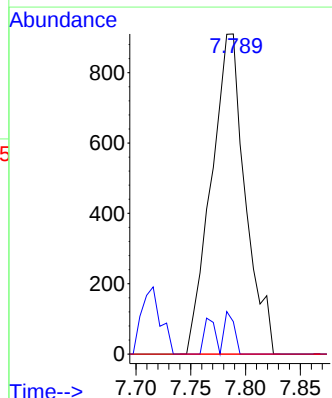
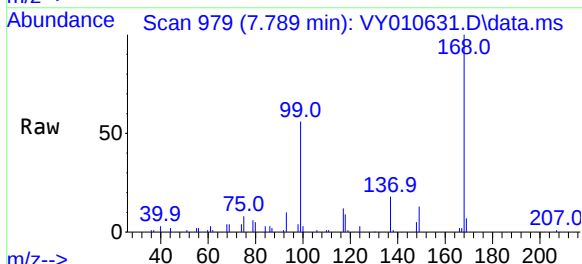
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

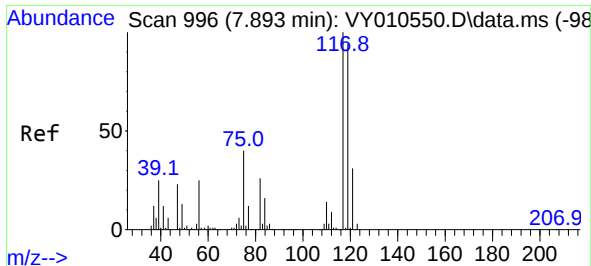
Tgt Ion:	113	Resp:	12568
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	124.0
192	19.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 6.052 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

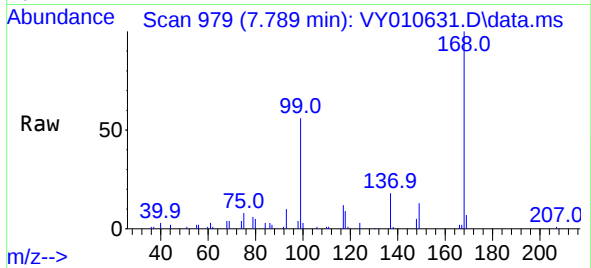
Tgt Ion:	75	Resp:	1965
Ion	Ratio	Lower	Upper
75	100		
110	4.0	17.1	51.2#
77	0.0	24.4	36.6#



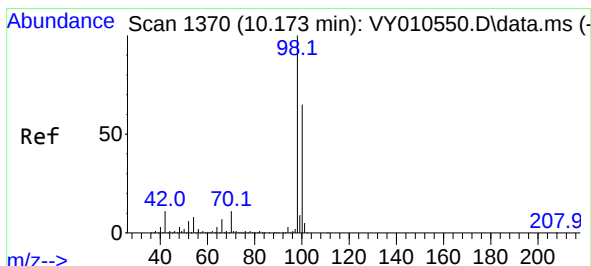
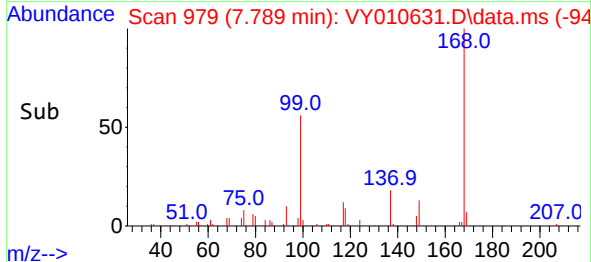
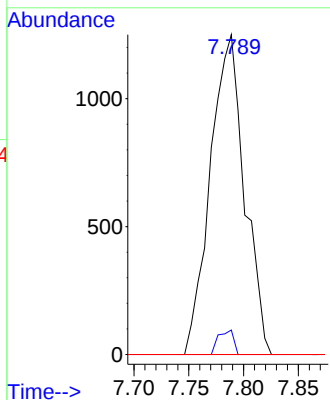


#38
Carbon Tetrachloride
Concen: 7.261 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

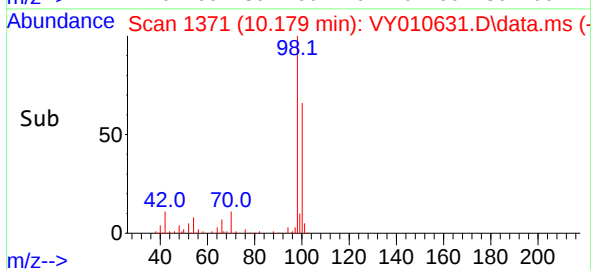
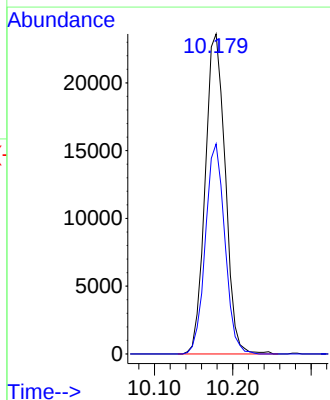
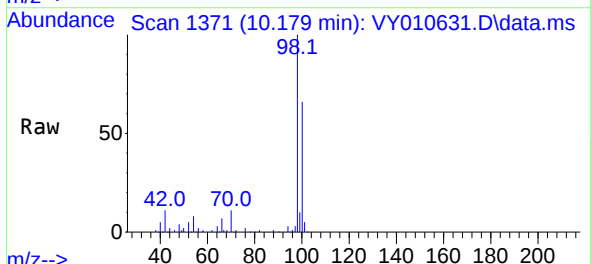


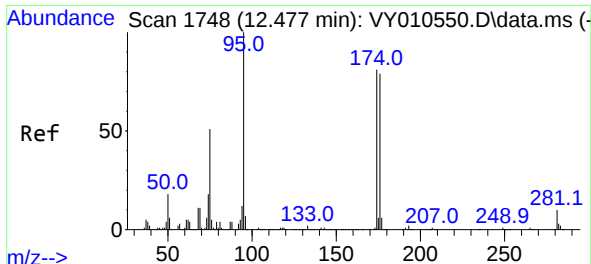
Tgt Ion:117 Resp: 2711
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 39.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 98 Resp: 41892
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

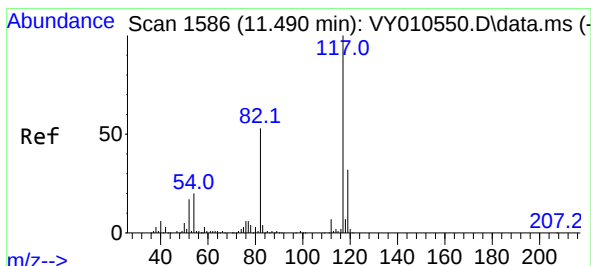
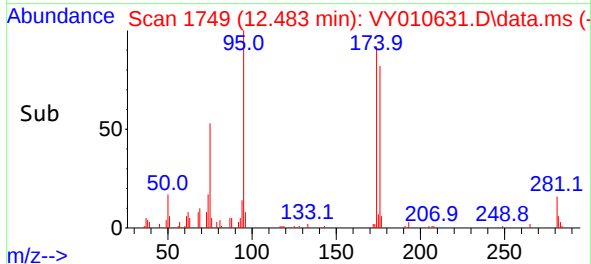
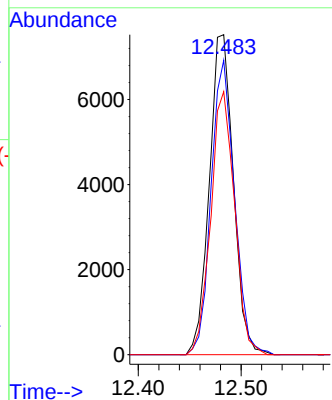
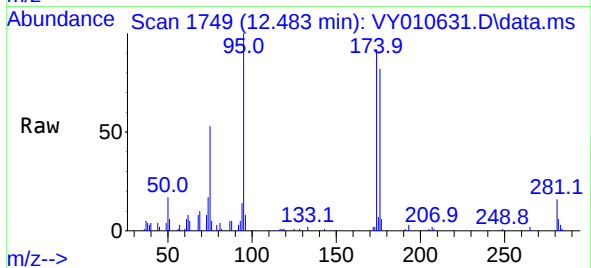




#62
4-Bromofluorobenzene
Concen: 29.511 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

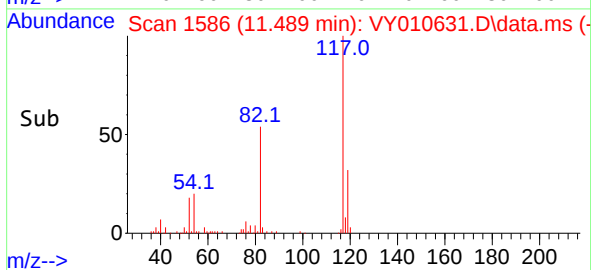
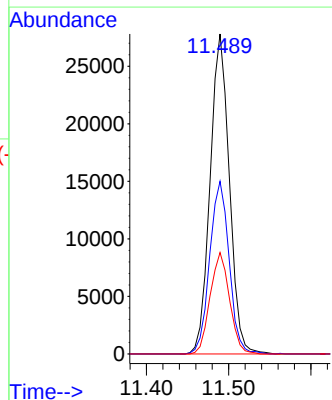
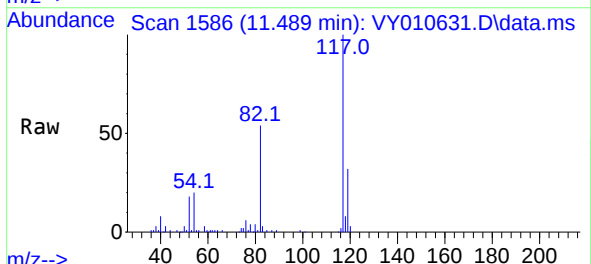
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

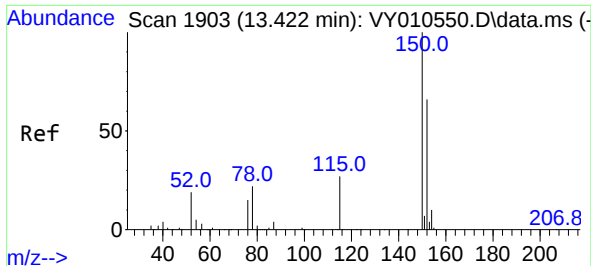
Tgt Ion: 95 Resp: 12238
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 117 Resp: 45228
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.7 25.4 38.0

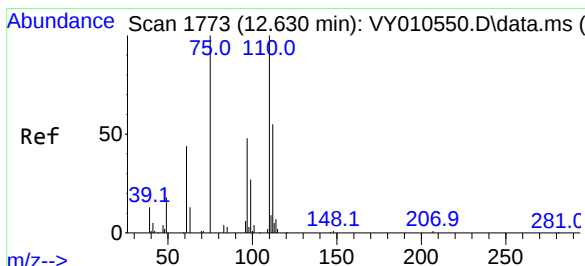
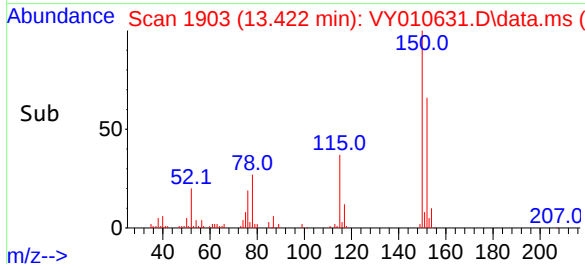
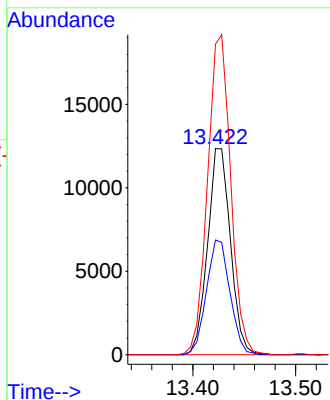
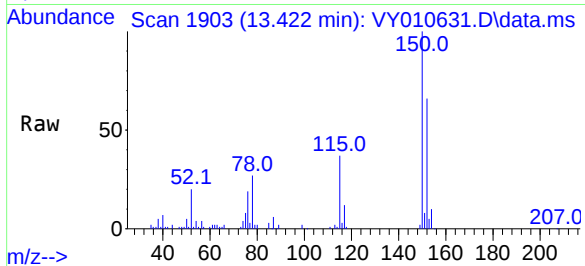




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

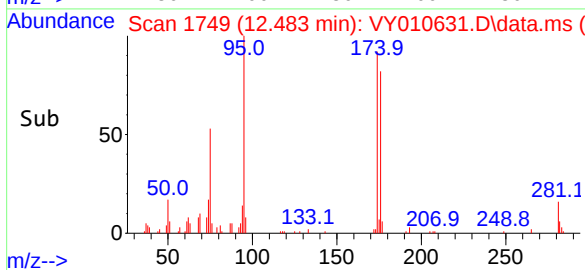
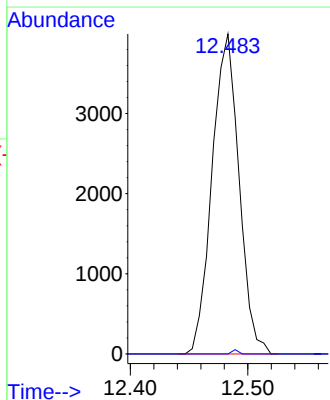
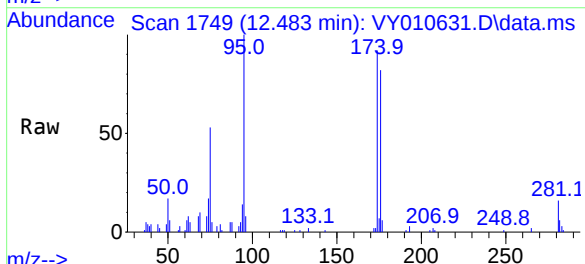
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

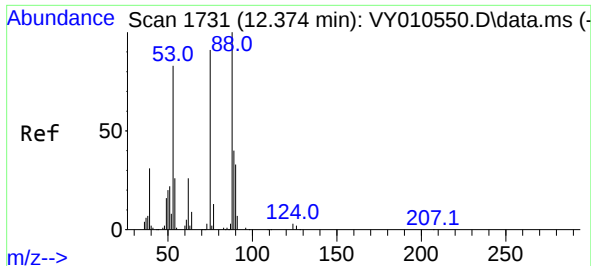
Tgt Ion:152 Resp: 19143
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 34.859 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

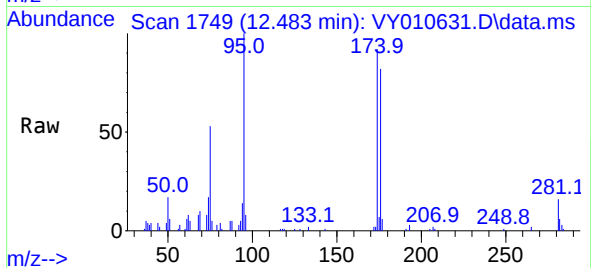
Tgt Ion: 75 Resp: 6369
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.507 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY010631.D
 Acq: 22 Sep 2022 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091922RE



Tgt Ion: 75 Resp: 6369

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

