

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010635.D
 Acq On : 22 Sep 2022 20:10
 Operator : KP/MD
 Sample : N4723-05RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-6.5-7.0

Quant Time: Sep 23 09:05:17 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)

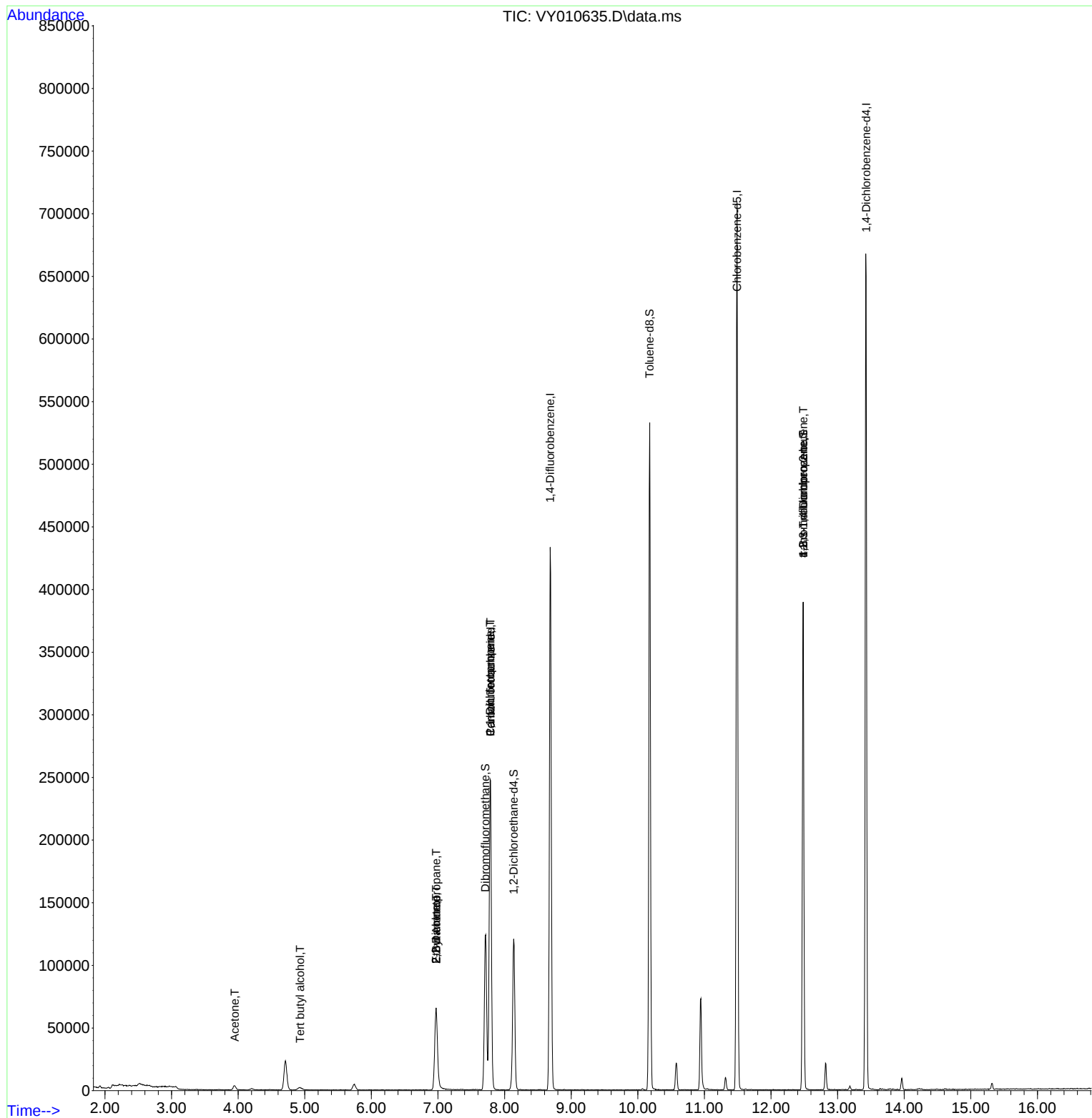
Internal Standards						
1) Pentafluorobenzene	7.789	168	195511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	375506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93169	49.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.640%		
35) Dibromofluoromethane	7.710	113	89838	37.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.920%		
50) Toluene-d8	10.179	98	342974	39.886	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	79.780%		
62) 4-Bromofluorobenzene	12.483	95	109416	32.777	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	65.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	101	Below Cal	#	43
3) Chloromethane	2.113	50	384	Below Cal	#	62
4) Vinyl Chloride	2.491	62	21	Below Cal	#	43
5) Bromomethane	2.662	94	181	Below Cal		99
11) Tert butyl alcohol	4.930	59	2952	6.780 ug/l	#	77
16) Acetone	3.948	43	6480	16.992 ug/l	#	88
18) Methyl Acetate	4.479	43	514	Below Cal	#	56
20) Methylene Chloride	4.710	84	18006	Below Cal	#	80
25) 2-Butanone	6.972	43	3230	5.415 ug/l	#	77
26) 2,2-Dichloropropane	6.972	77	4742	1.672 ug/l	#	55
31) Cyclohexane	7.783	56	4190	Below Cal	#	3
36) 1,1-Dichloropropene	7.783	75	16104	6.107 ug/l	#	50
37) Ethyl Acetate	6.972	43	3230	2.121 ug/l	#	1
38) Carbon Tetrachloride	7.789	117	19542	6.445 ug/l	#	15
76) 1,2,3-Trichloropropane	12.483	75	58340	35.300 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58340	78.488 ug/l	#	7

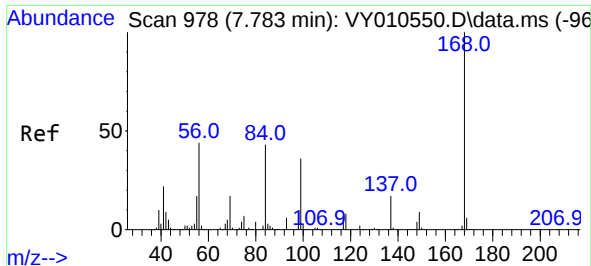
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
Data File : VY010635.D
Acq On : 22 Sep 2022 20:10
Operator : KP/MD
Sample : N4723-05RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

Quant Time: Sep 23 09:05:17 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

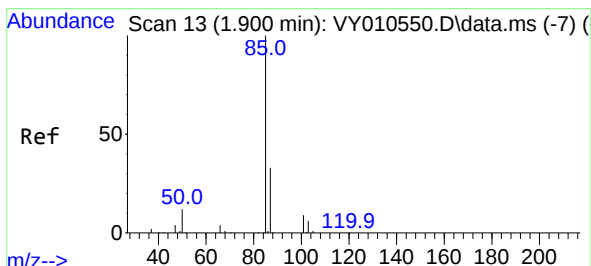
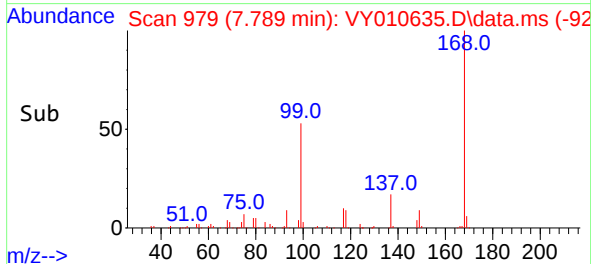
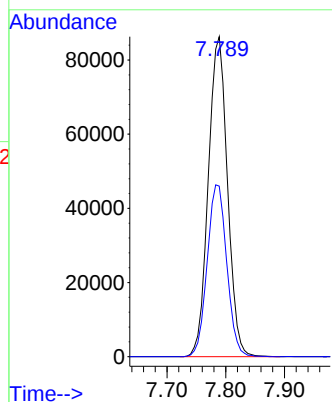
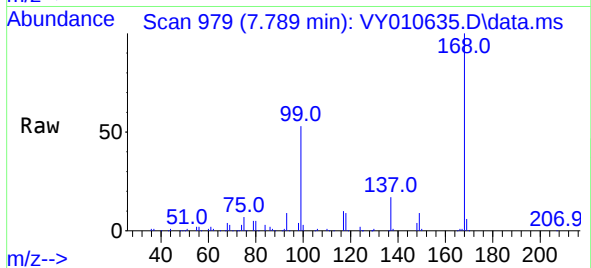




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

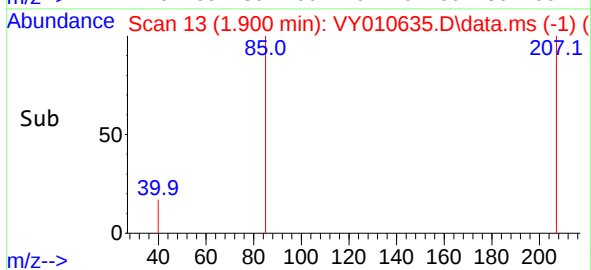
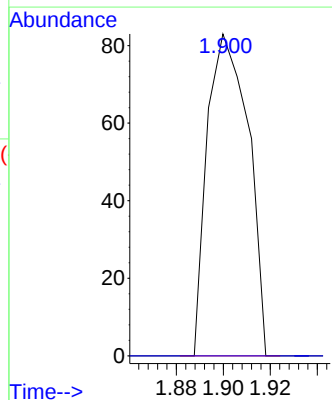
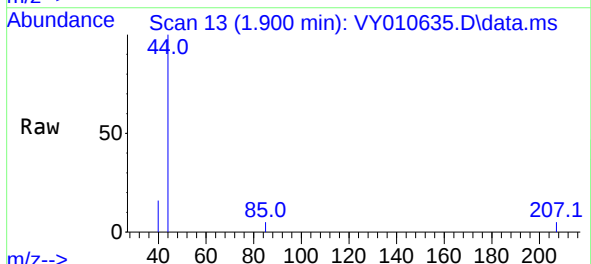
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

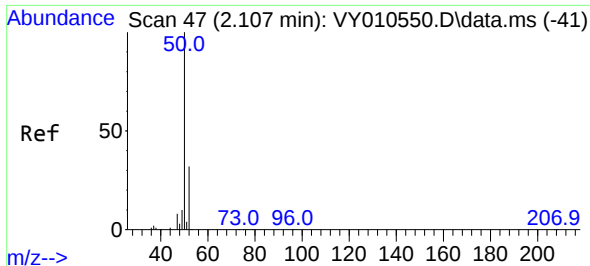
Tgt Ion:168 Resp: 195511
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 85 Resp: 101
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

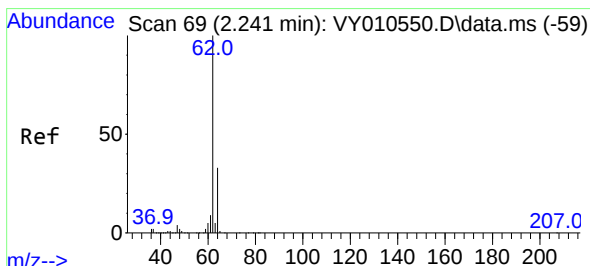
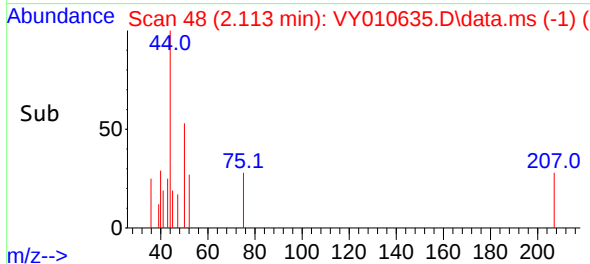
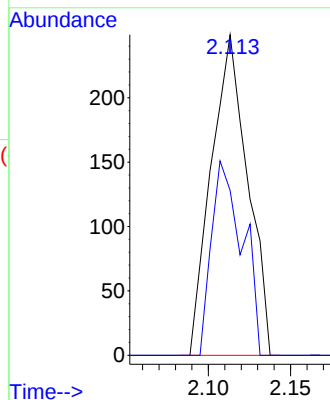
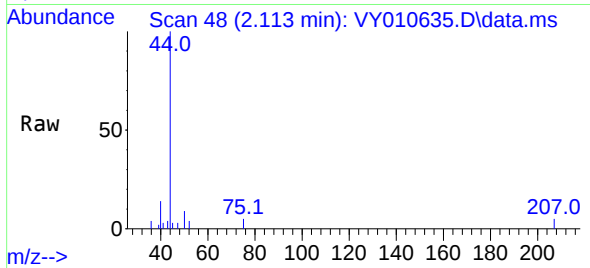




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

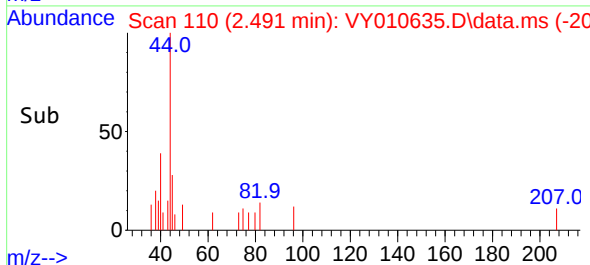
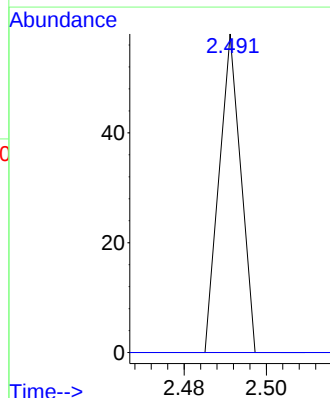
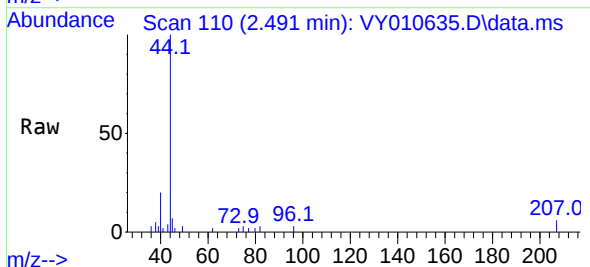
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

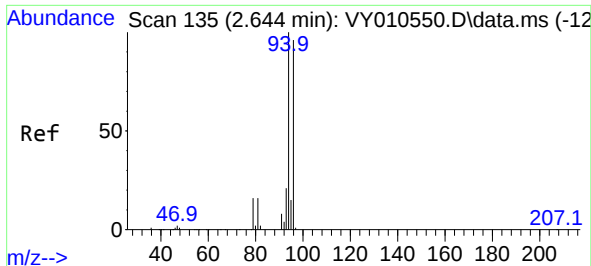
Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 51.4 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.491 min Scan# 110
Delta R.T. 0.250 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 62 Resp: 21
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

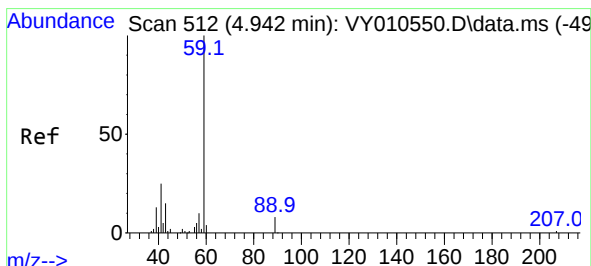
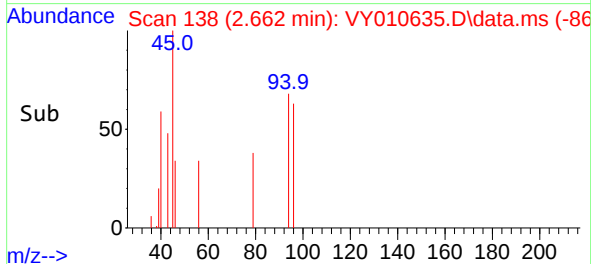
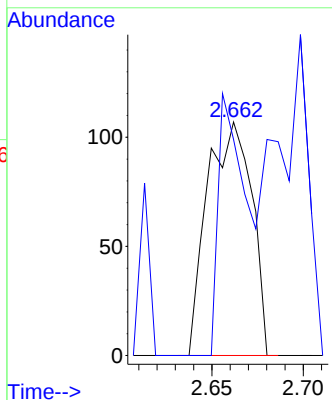
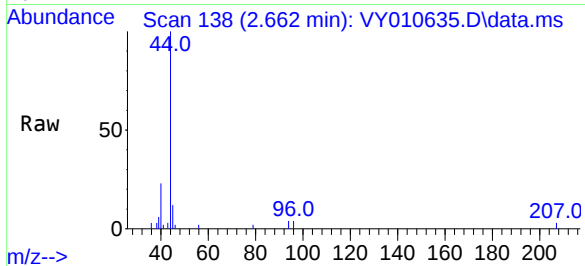




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

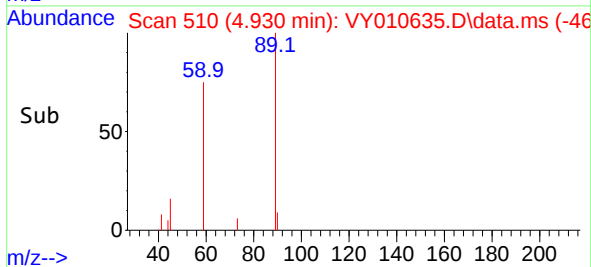
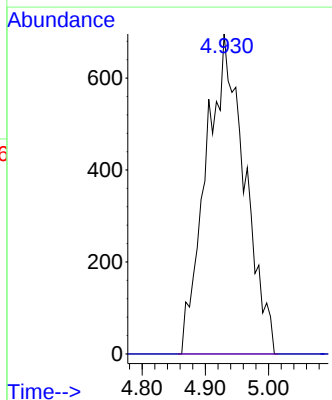
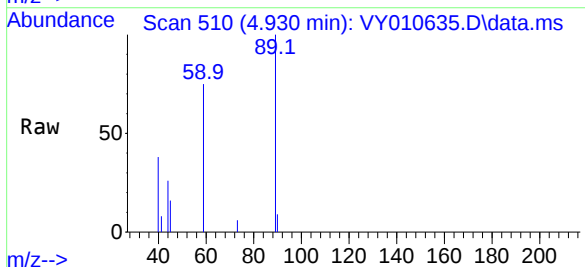
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

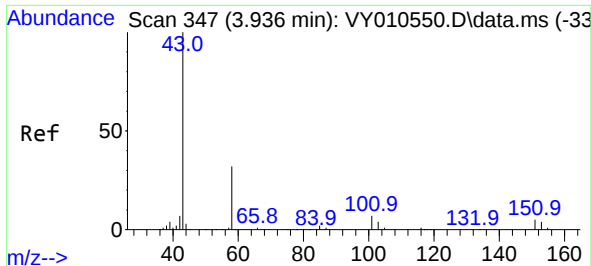
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 92.5 73.5 110.3



#11
Tert butyl alcohol
Concen: 6.780 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 59 Resp: 2952
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

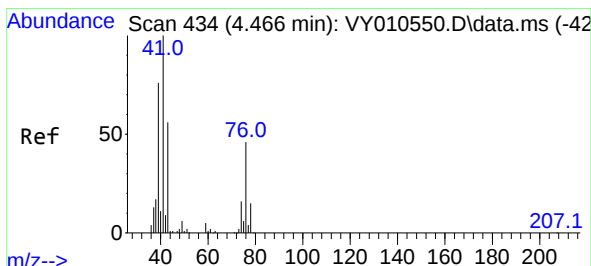
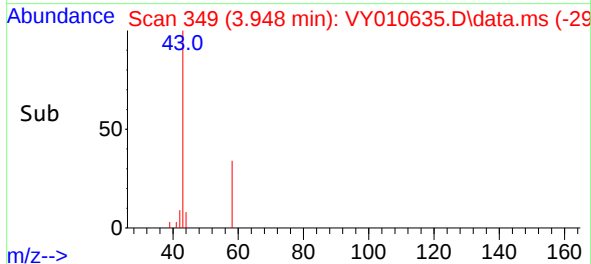
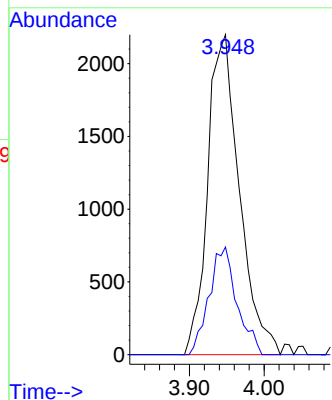
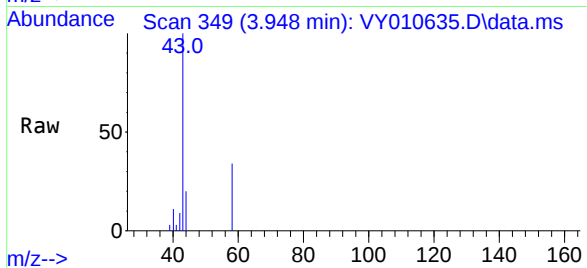




#16
Acetone
Concen: 16.992 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

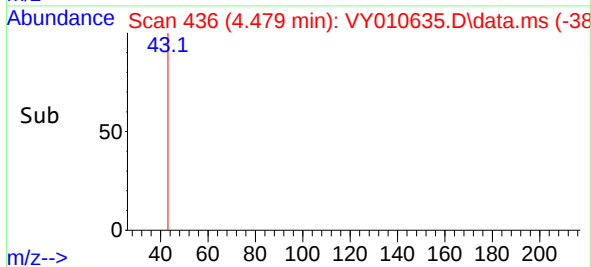
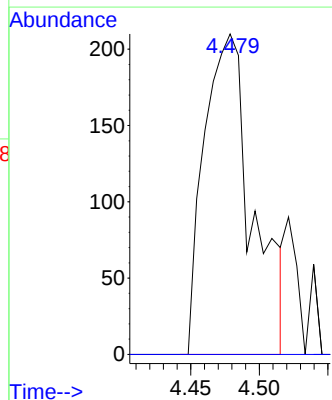
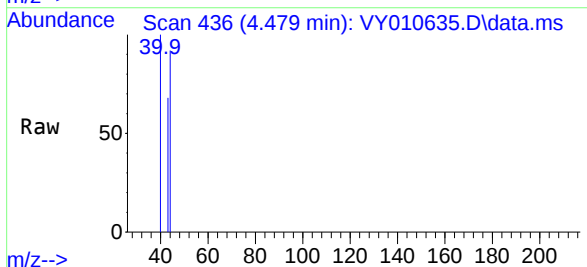
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

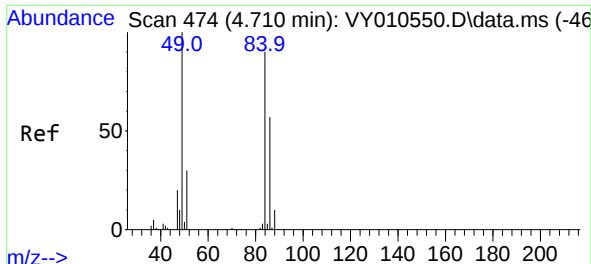
Tgt Ion: 43 Resp: 6480
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

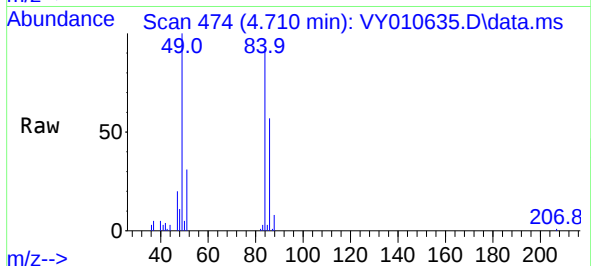
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





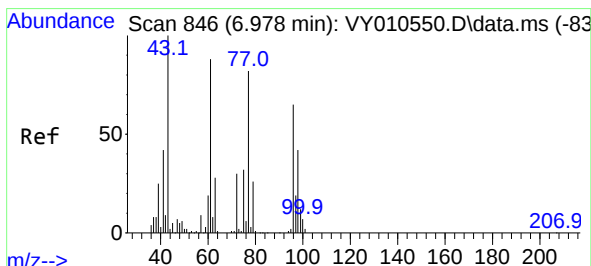
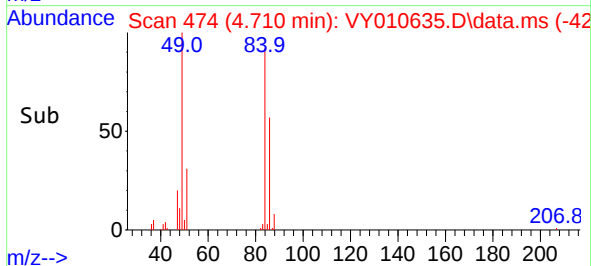
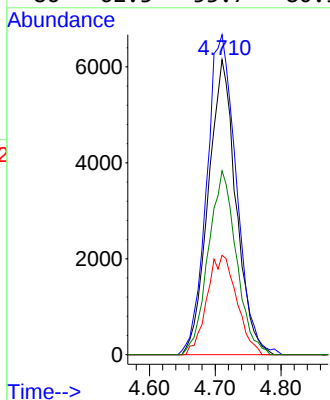
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0



Tgt Ion: 84 Resp: 18006

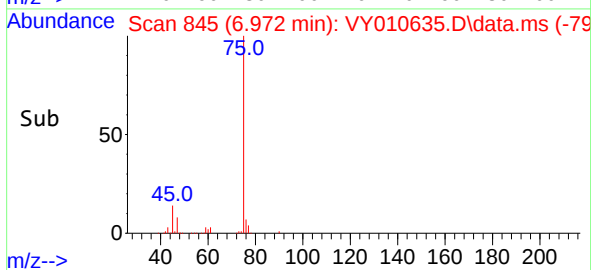
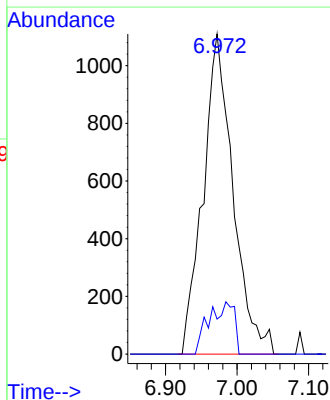
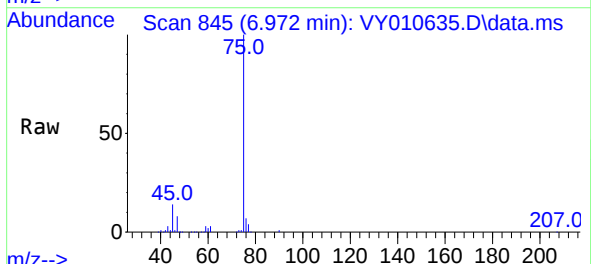
Ion	Ratio	Lower	Upper
84	100		
49	108.5	114.4	171.6#
51	33.7	35.3	52.9#
86	62.3	53.7	80.5

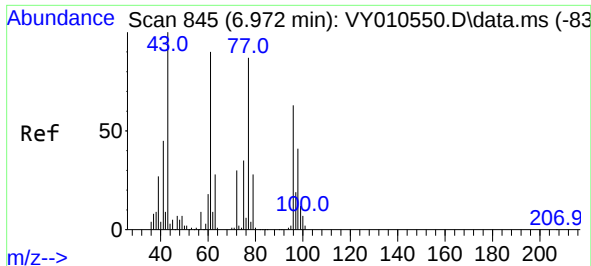


#25
2-Butanone
Concen: 5.415 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 43 Resp: 3230

Ion	Ratio	Lower	Upper
43	100		
72	10.9	17.7	26.5#

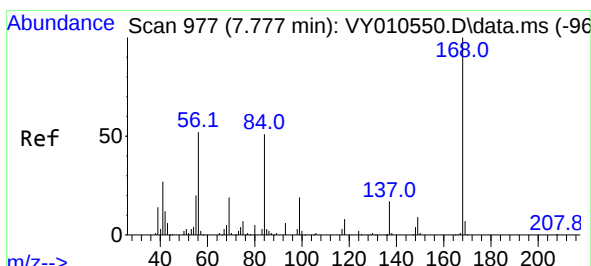
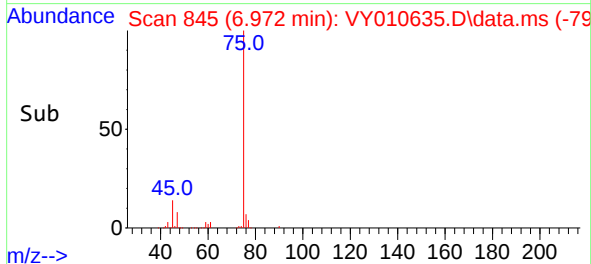
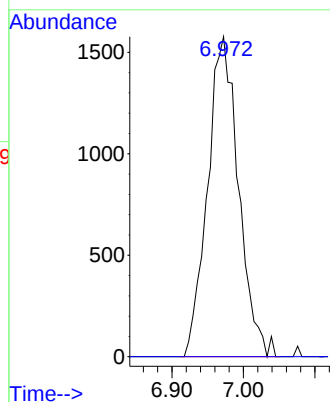
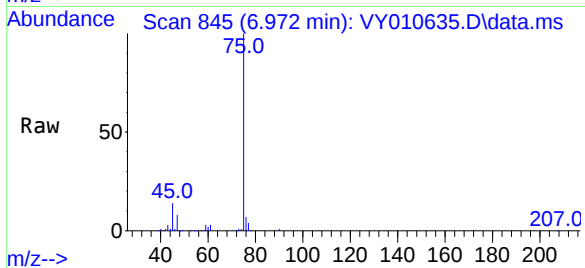




#26
2,2-Dichloropropane
Concen: 1.672 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

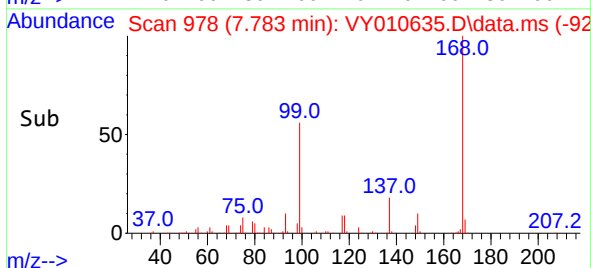
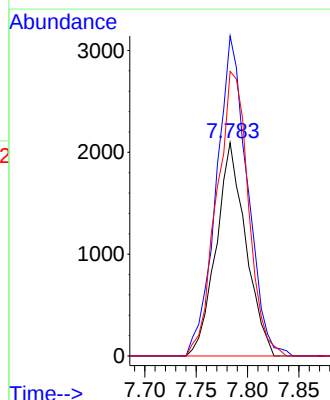
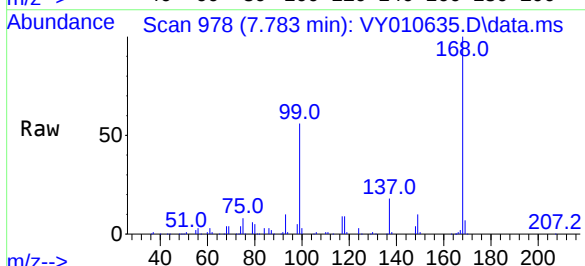
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

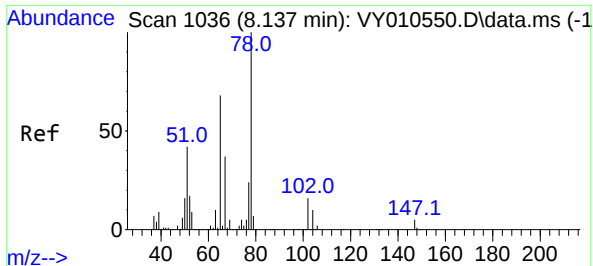
Tgt Ion: 77 Resp: 4742
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 56 Resp: 4190
Ion Ratio Lower Upper
56 100
69 150.0 26.7 40.1#
84 133.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.823 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010635.D

Acq: 22 Sep 2022 20:10

Instrument :

MSVOA_Y

ClientSampleId :

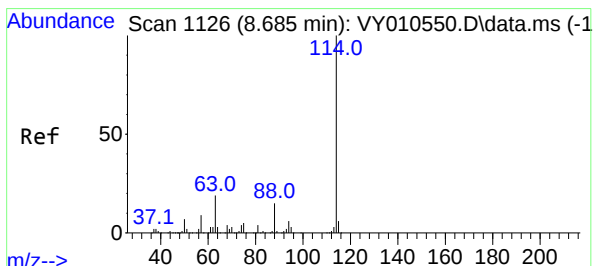
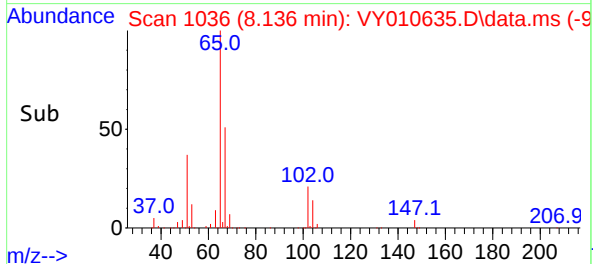
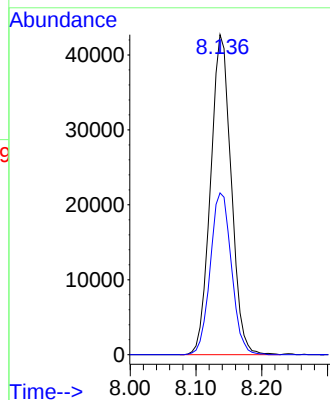
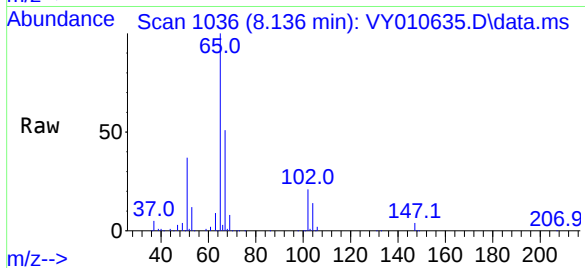
SB-16-6.5-7.0

Tgt Ion: 65 Resp: 93169

Ion Ratio Lower Upper

65 100

67 52.0 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: VY010635.D

Acq: 22 Sep 2022 20:10

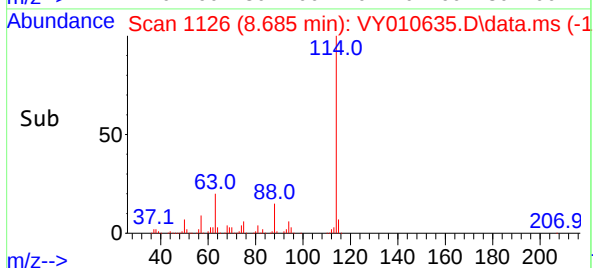
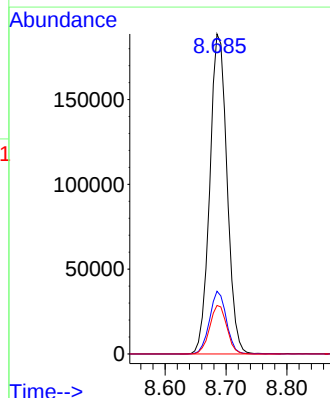
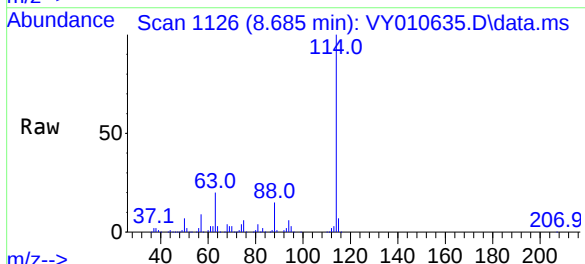
Tgt Ion: 114 Resp: 370830

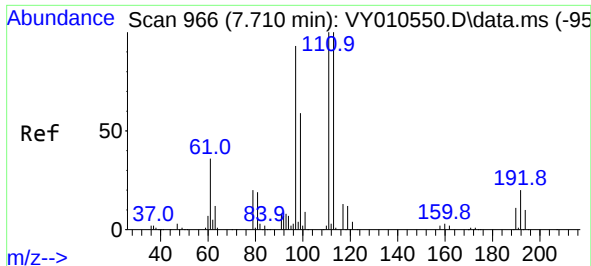
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.2 0.0 31.8

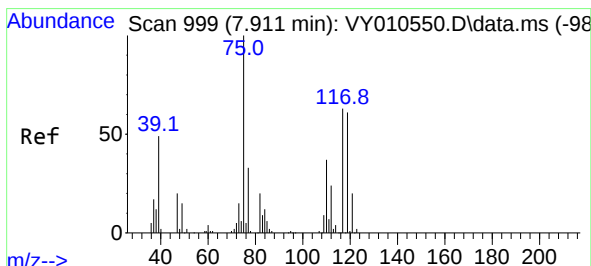
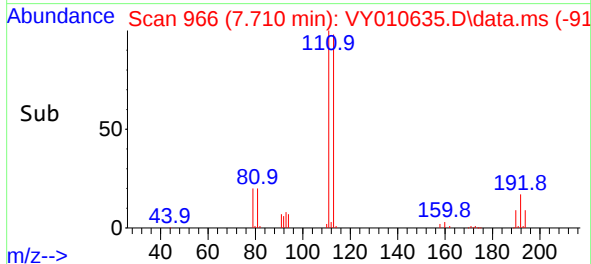
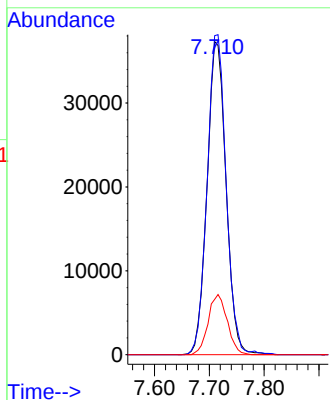
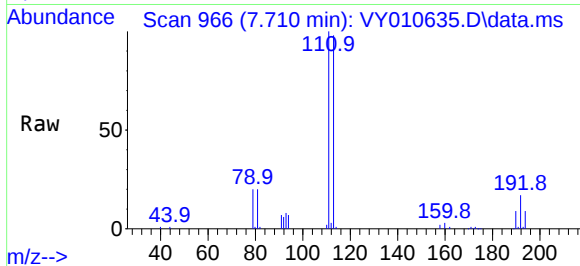




#35
Dibromofluoromethane
Concen: 37.960 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

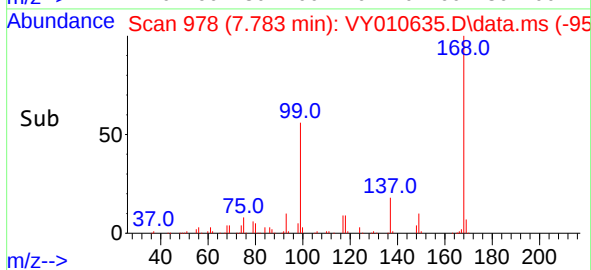
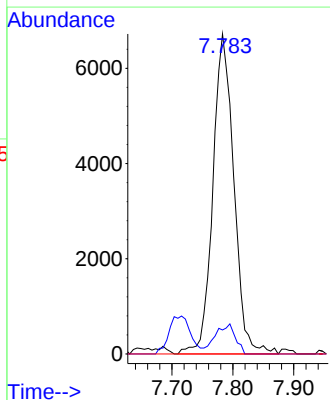
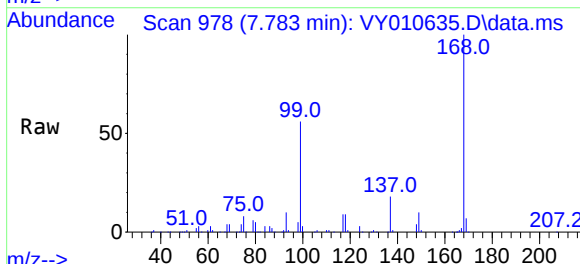
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

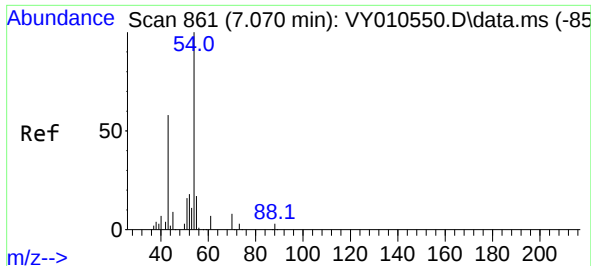
Tgt Ion:	113	Resp:	89838
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	19.3	17.6	26.4



#36
1,1-Dichloropropene
Concen: 6.107 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion:	75	Resp:	16104
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#

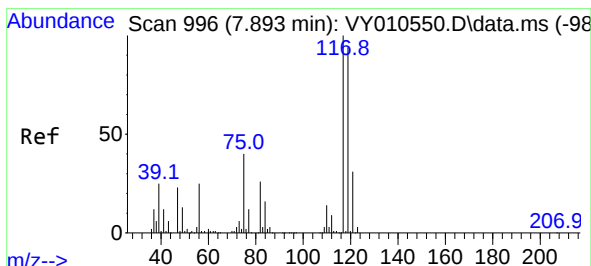
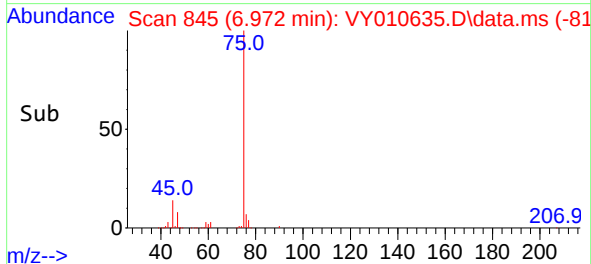
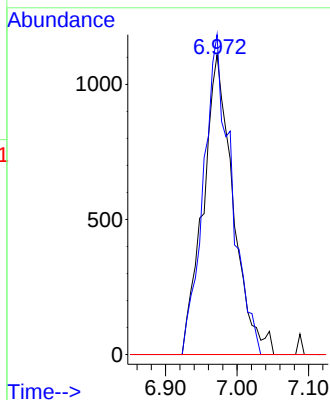
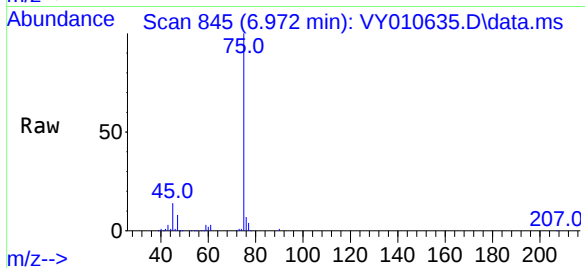




#37
Ethyl Acetate
Concen: 2.121 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.098 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

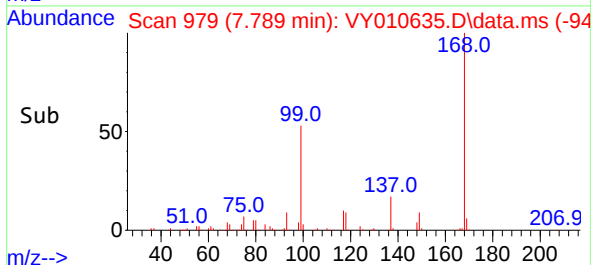
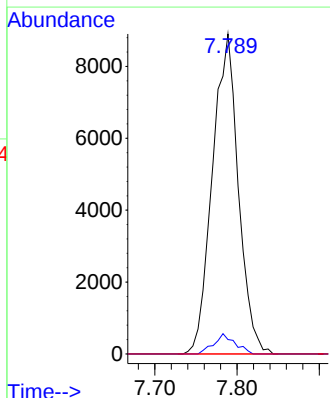
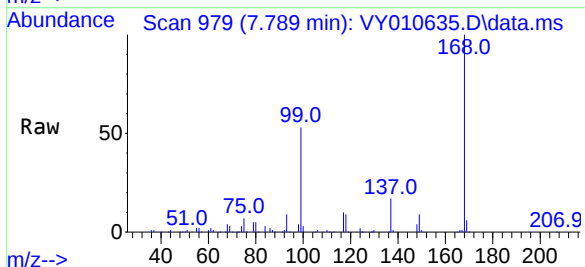
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

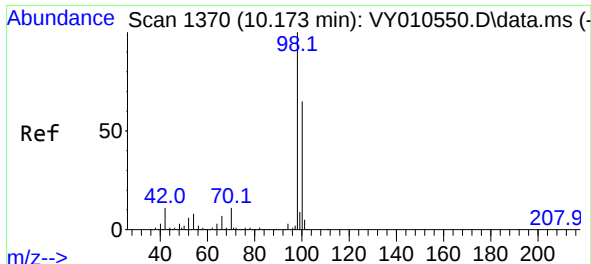
Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
61 99.7 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 117 Resp: 19542
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#

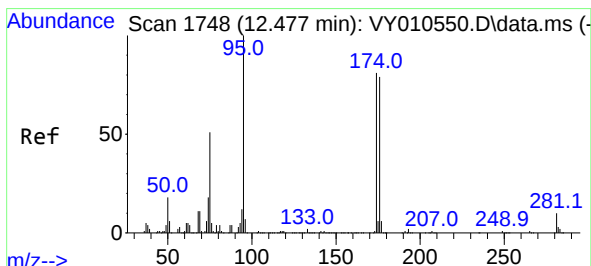
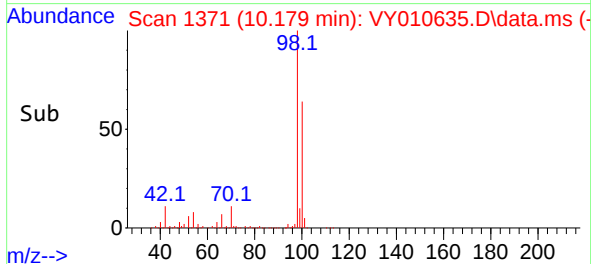
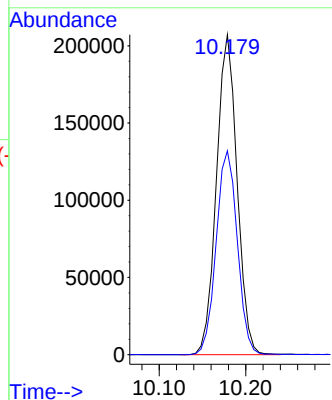
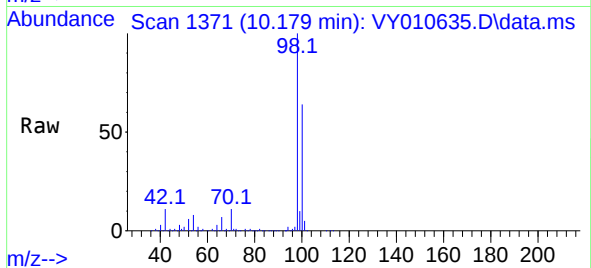




#50
Toluene-d8
Concen: 39.886 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

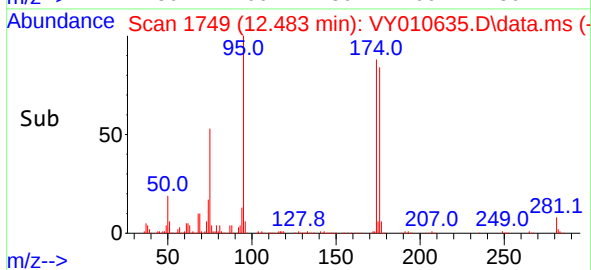
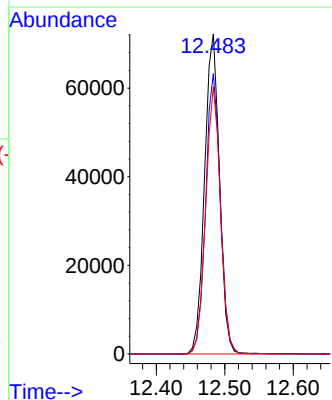
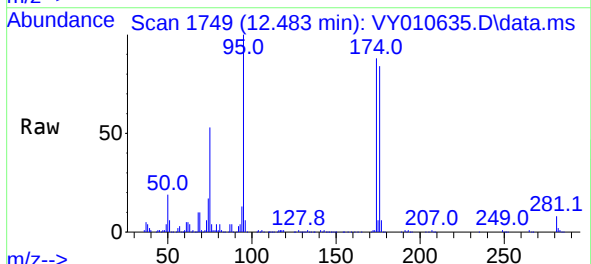
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

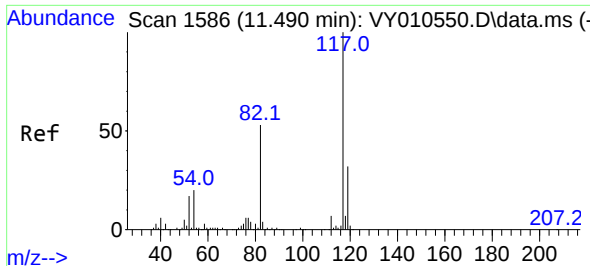
Tgt Ion: 98 Resp: 342974
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 95 Resp: 109416
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.7 0.0 175.8

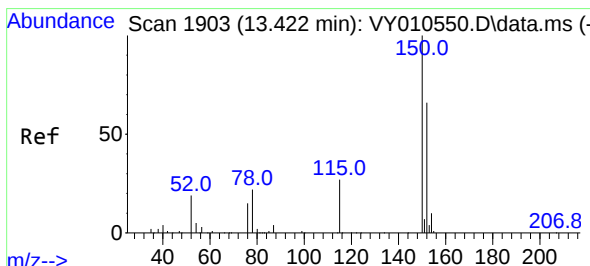
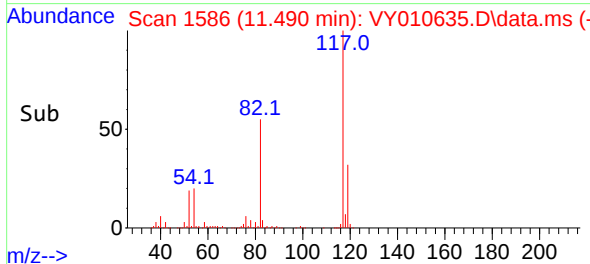
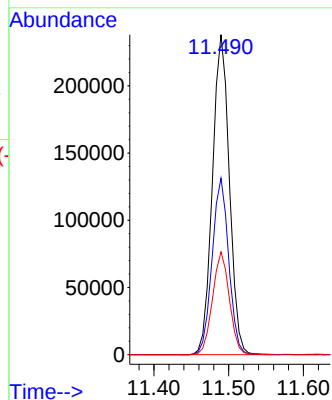
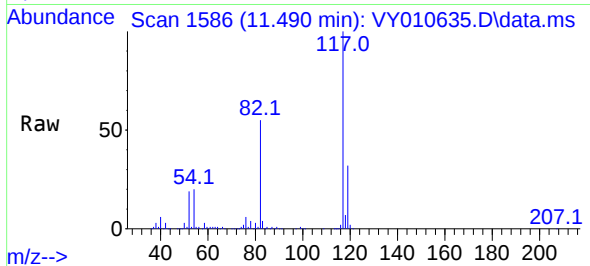




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

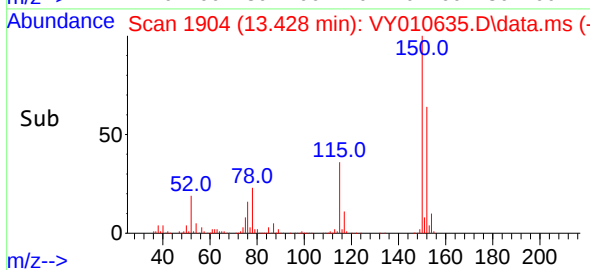
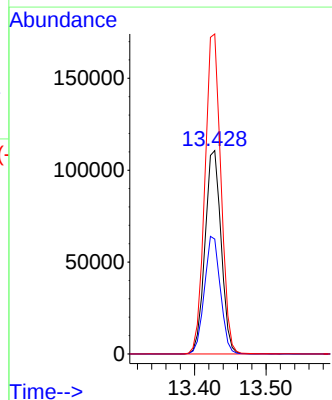
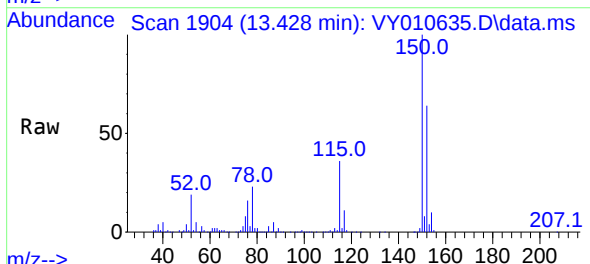
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

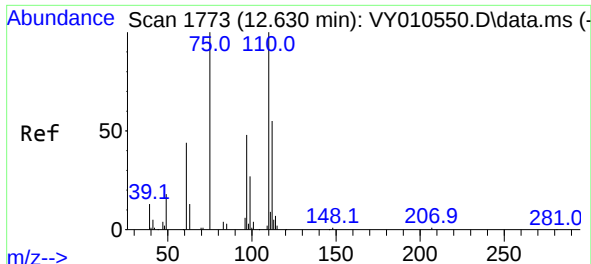
Tgt Ion:	117	Resp:	375506
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.4
119	32.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion:	152	Resp:	173158
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	156.6	0.0	347.6

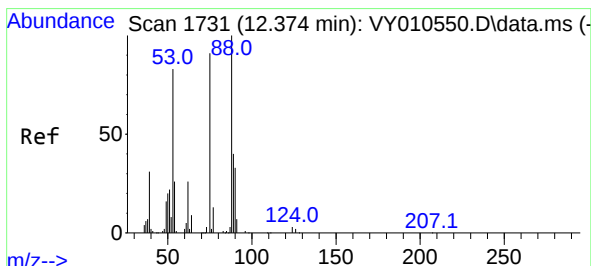
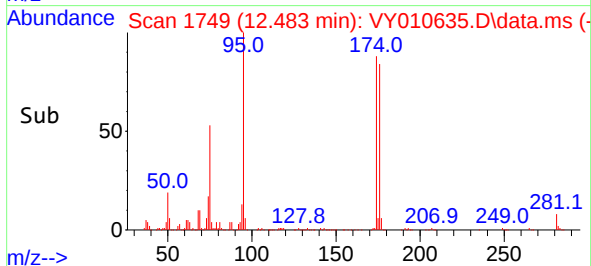
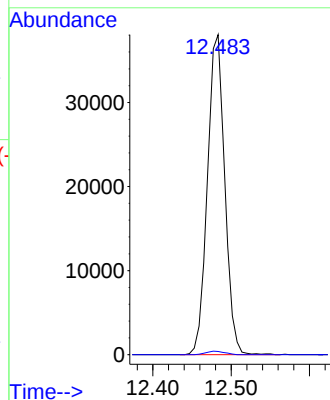
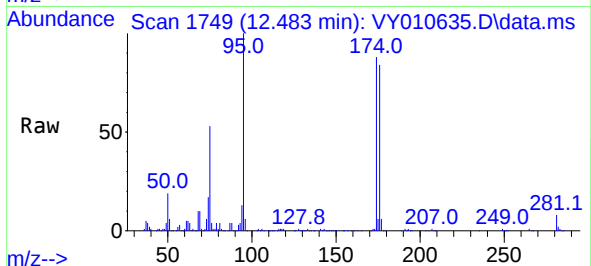




#76
1,2,3-Trichloropropane
Concen: 35.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-6.5-7.0

Tgt Ion: 75 Resp: 58340
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010635.D
Acq: 22 Sep 2022 20:10

Tgt Ion: 75 Resp: 58340
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#

