

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014581.D
 Acq On : 06 Jul 2023 12:19
 Operator : KP/MD
 Sample : 03516-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BERGENFIELD-COMP

Quant Time: Jul 07 06:11:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

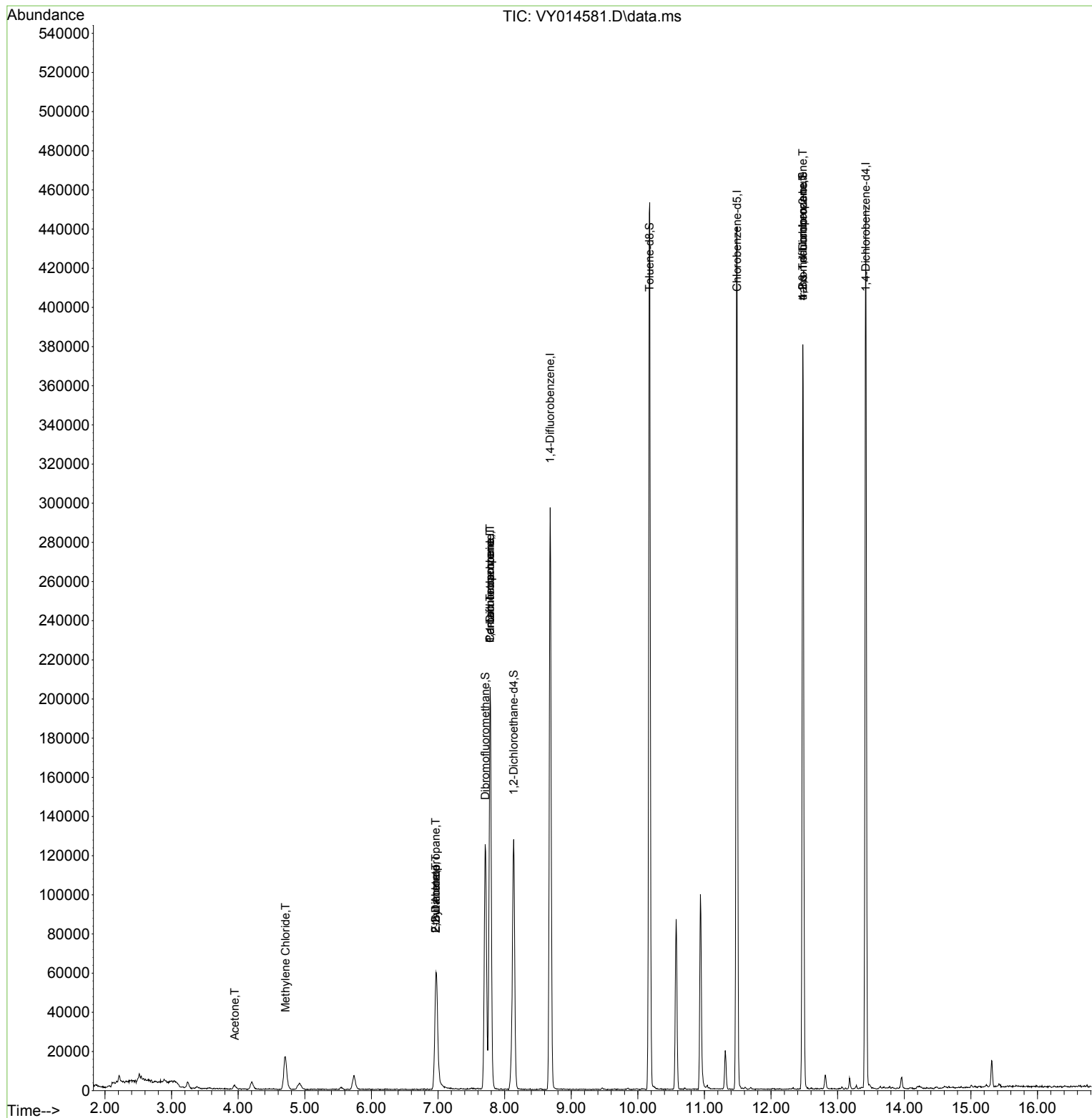
Internal Standards							
1) Pentafluorobenzene		7.782	168	175947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.685	114	267840	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	262136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.422	152	125438	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.136	65	96104	54.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%		
35) Dibromofluoromethane		7.709	113	90228	54.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.400%		
50) Toluene-d8		10.178	98	318126	48.791	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.580%		
62) 4-Bromofluorobenzene		12.477	95	105360	46.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.080%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.911	85	144	Below Cal	#	43
11) Tert butyl alcohol		4.929	59	3871	Below Cal	#	89
16) Acetone		3.948	43	3631	6.643	ug/l	95
20) Methylene Chloride		4.710	84	13599	1.910	ug/l #	85
25) 2-Butanone		6.965	43	3033	3.747	ug/l #	69
26) 2,2-Dichloropropane		6.965	77	4361	1.590	ug/l #	54
36) 1,1-Dichloropropene		7.782	75	11576	4.583	ug/l #	49
37) Ethyl Acetate		6.965	43	3033	1.751	ug/l #	1
38) Carbon Tetrachloride		7.782	117	14901	5.651	ug/l #	16
76) 1,2,3-Trichloropropane		12.477	75	49012	33.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.477	75	49012	64.810	ug/l #	11

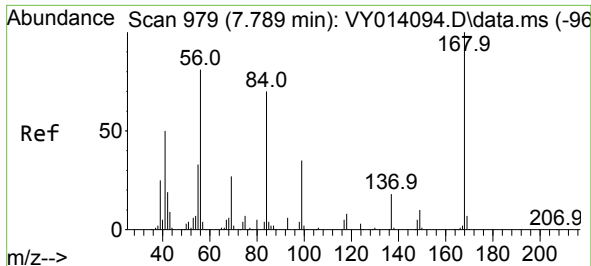
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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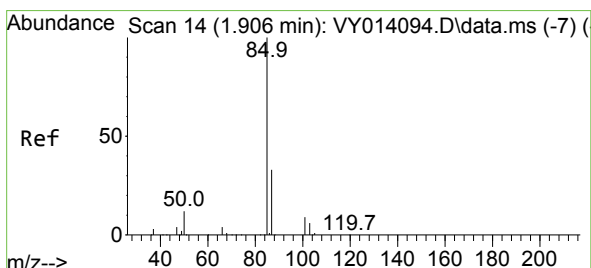
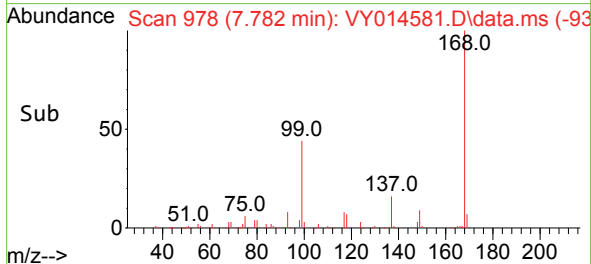
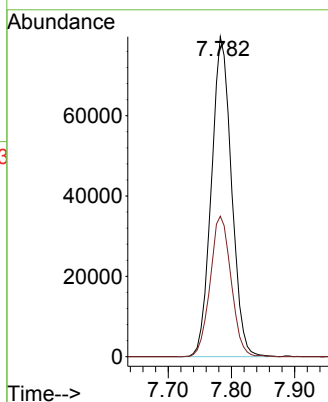
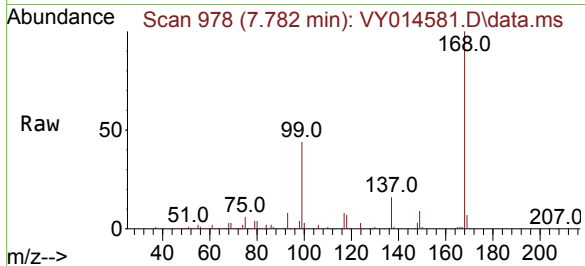




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

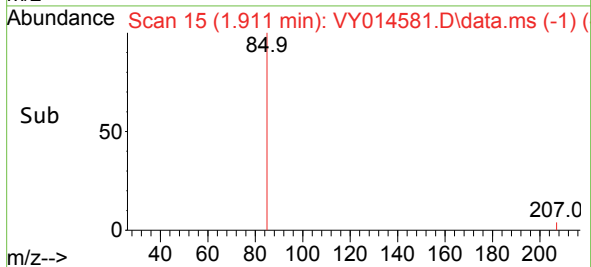
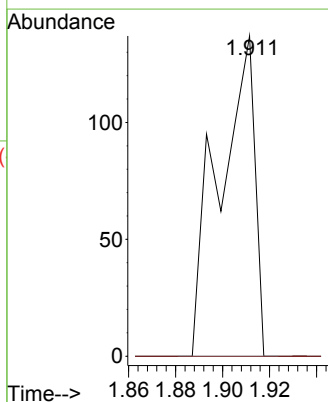
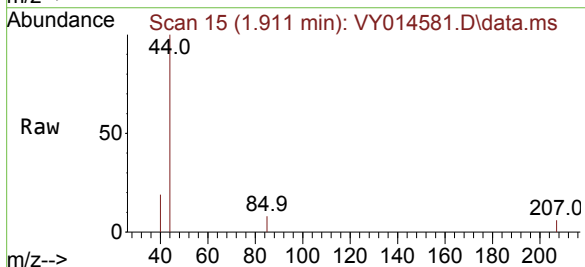
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

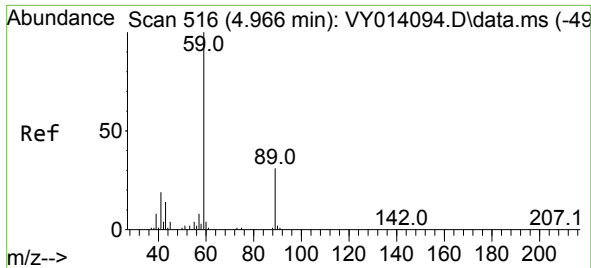
Tgt Ion:168 Resp: 175947
Ion Ratio Lower Upper
168 100
99 43.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.911 min Scan# 15
Delta R.T. 0.005 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 85 Resp: 144
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

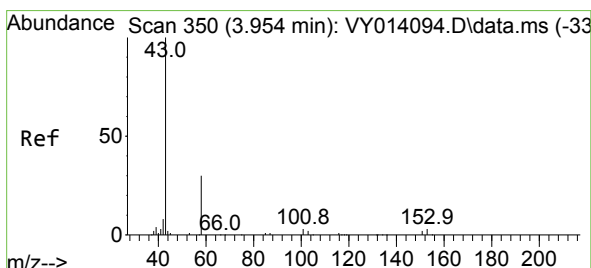
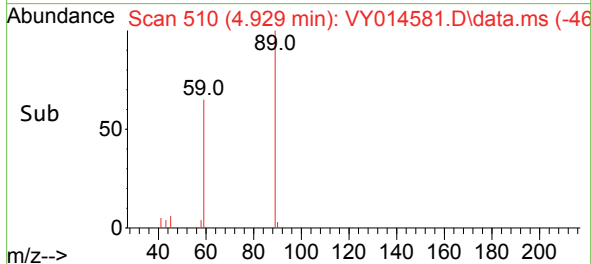
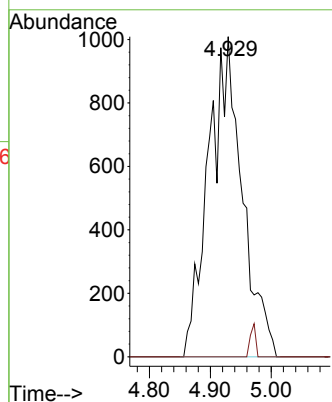
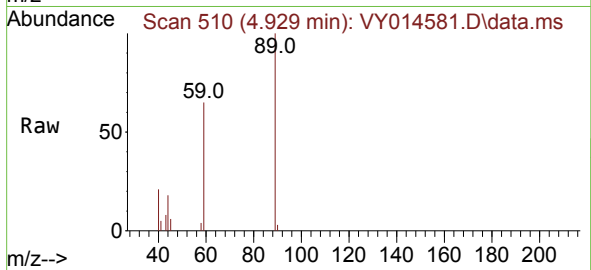




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 516
Delta R.T. -0.037 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

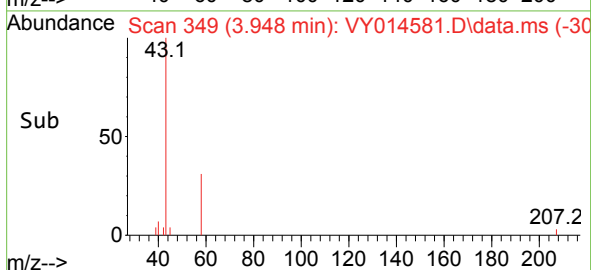
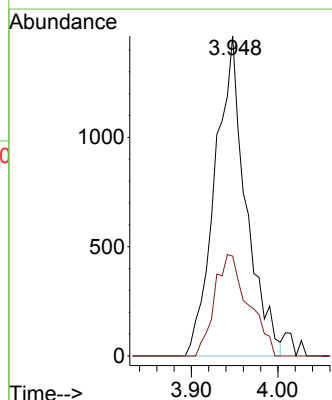
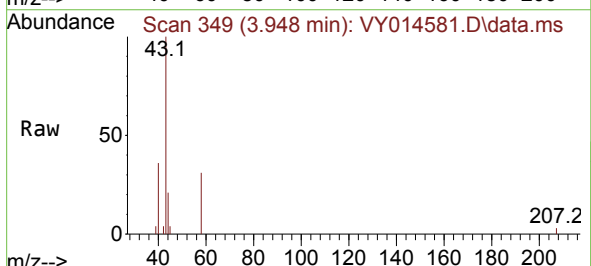
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

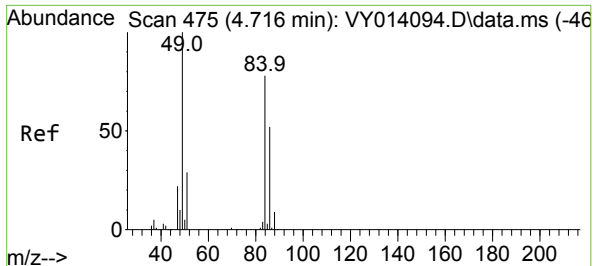
Tgt Ion: 59 Resp: 3871
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 6.643 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

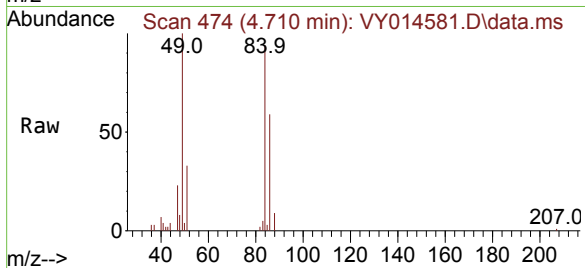
Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1



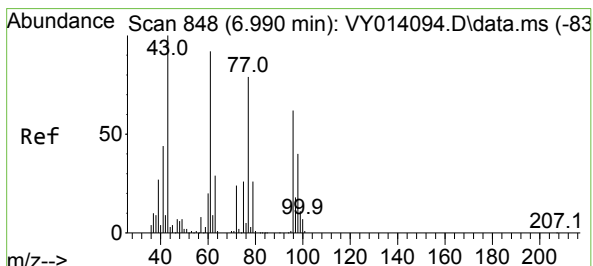
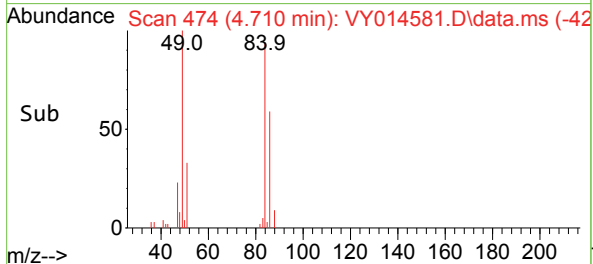
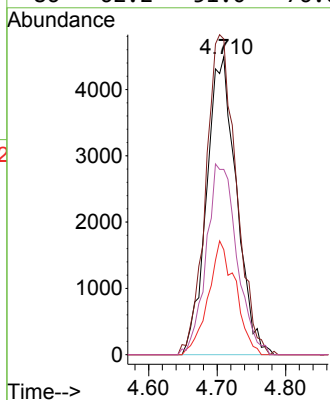


#20
Methylene Chloride
Concen: 1.910 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

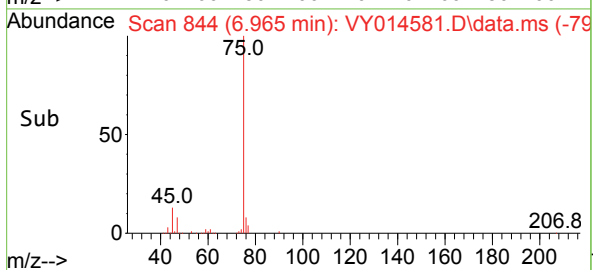
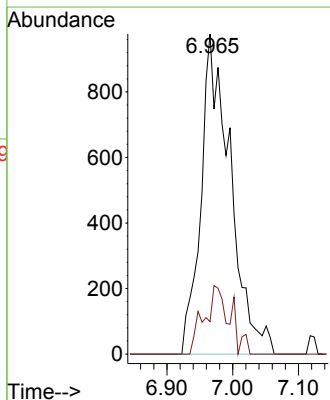
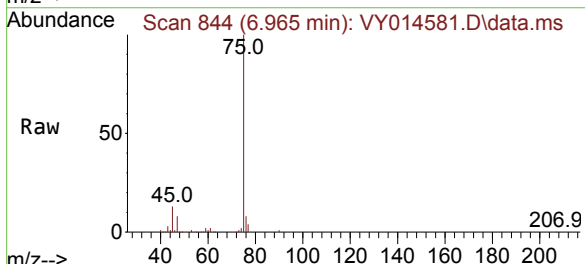


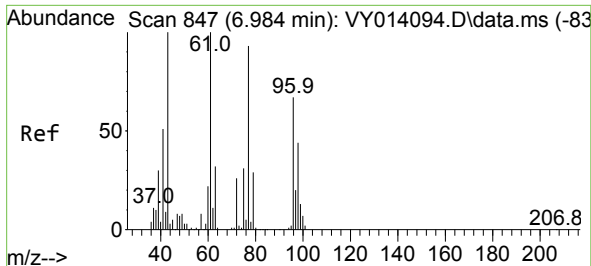
Tgt Ion: 84 Resp: 13599
Ion Ratio Lower Upper
84 100
49 106.0 106.9 160.3#
51 35.2 33.2 49.8
86 62.2 51.0 76.6



#25
2-Butanone
Concen: 3.747 ug/l
RT: 6.965 min Scan# 844
Delta R.T. -0.025 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 43 Resp: 3033
Ion Ratio Lower Upper
43 100
72 10.1 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.590 ug/l

RT: 6.965 min Scan# 84

Delta R.T. -0.019 min

Lab File: VY014581.D

Acq: 06 Jul 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

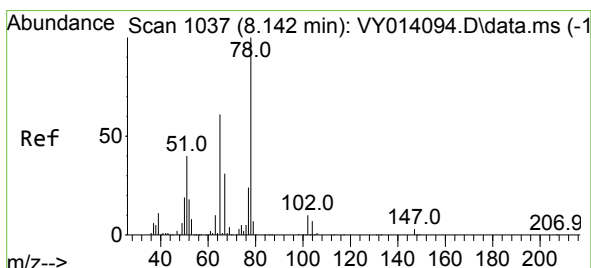
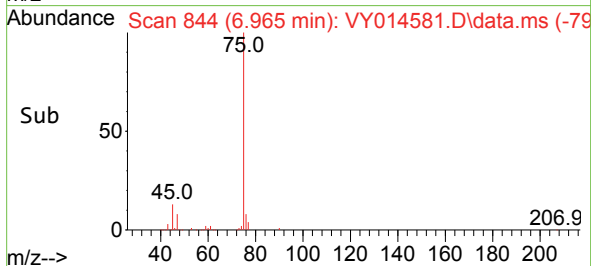
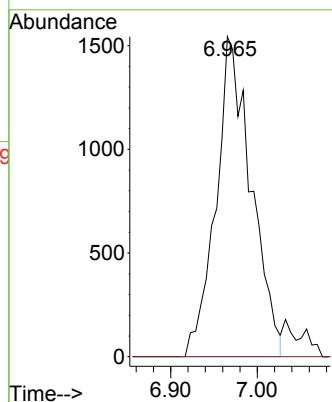
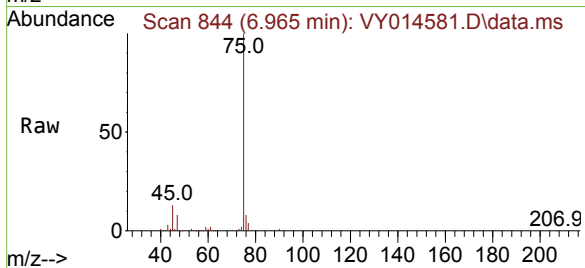
BERGENFIELD-COMP

Tgt Ion: 77 Resp: 4361

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#33

1,2-Dichloroethane-d4

Concen: 54.907 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014581.D

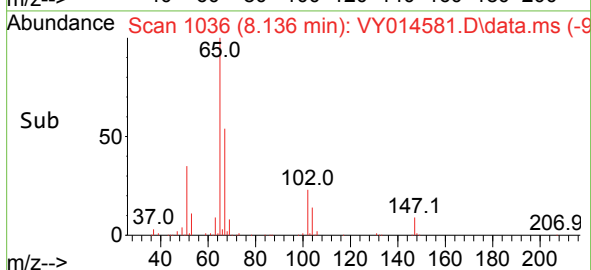
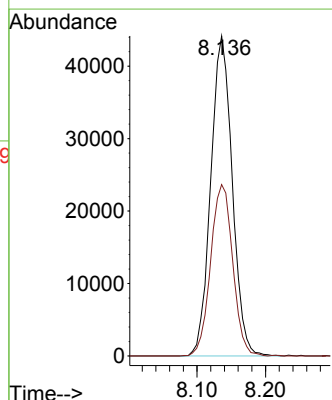
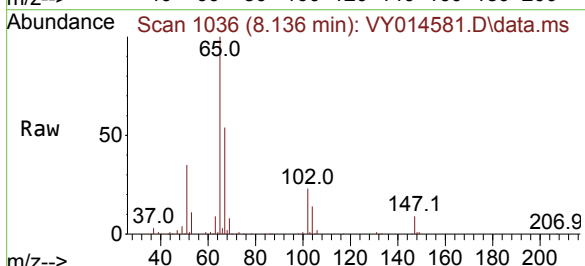
Acq: 06 Jul 2023 12:19

Tgt Ion: 65 Resp: 96104

Ion Ratio Lower Upper

65 100

67 55.0 0.0 101.8

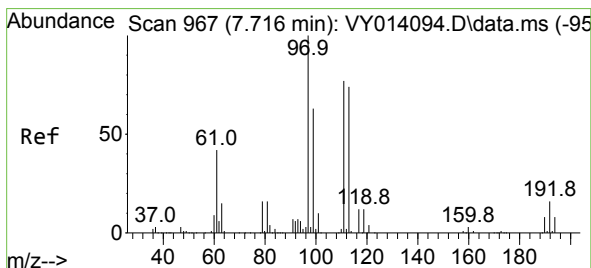
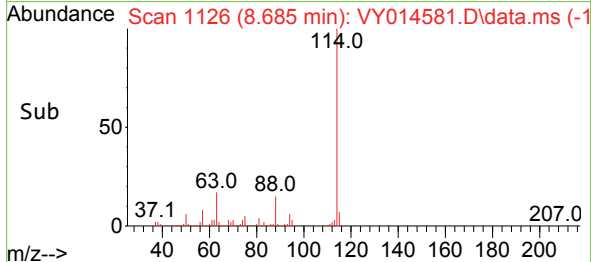
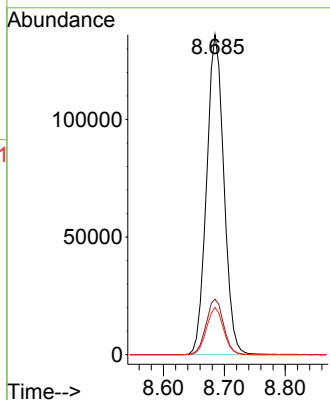
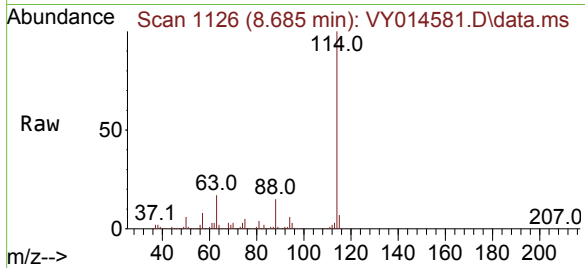




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

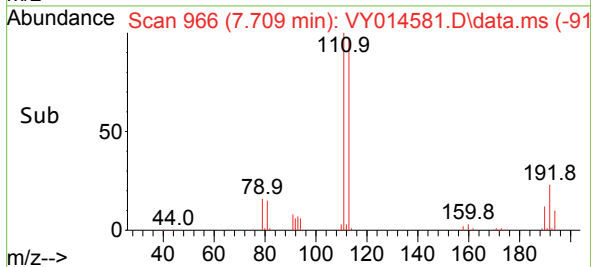
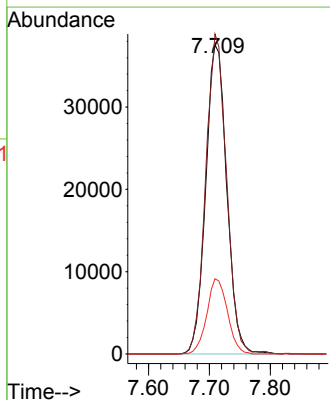
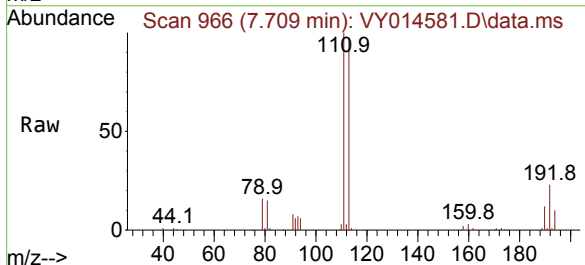
Instrument :
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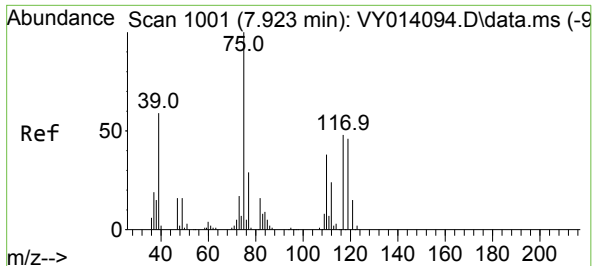
Tgt Ion:114 Resp: 267840
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.704 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion:113 Resp: 90228
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 23.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.583 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.141 min

Lab File: VY014581.D

Acq: 06 Jul 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

BERGENFIELD-COMP

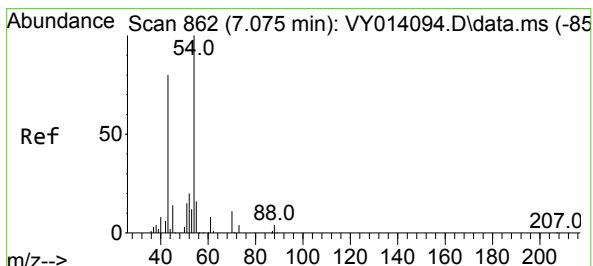
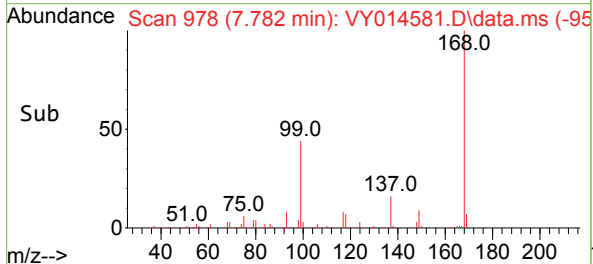
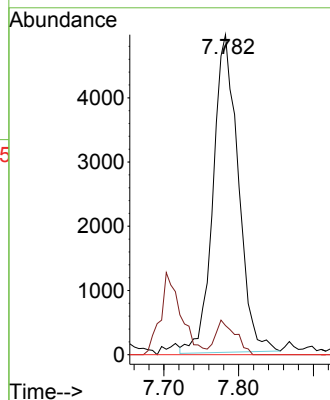
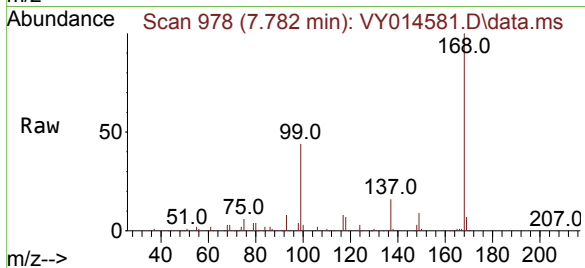
Tgt Ion: 75 Resp: 11576

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.751 ug/l

RT: 6.965 min Scan# 844

Delta R.T. -0.110 min

Lab File: VY014581.D

Acq: 06 Jul 2023 12:19

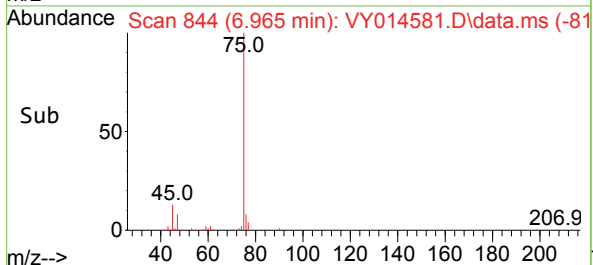
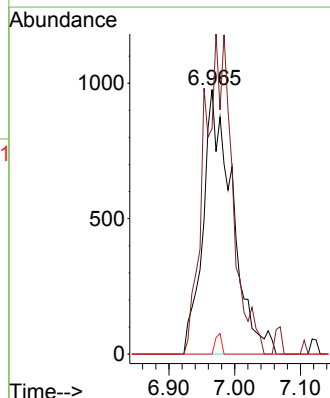
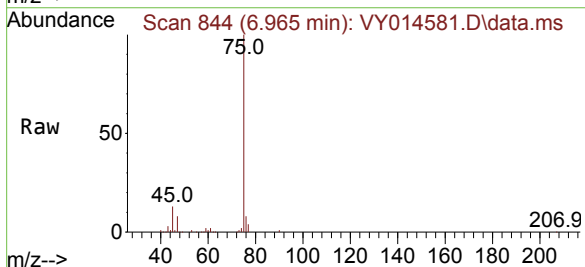
Tgt Ion: 43 Resp: 3033

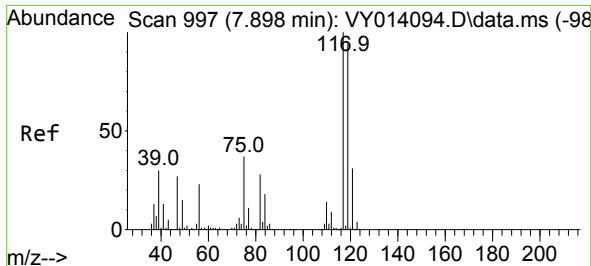
Ion Ratio Lower Upper

43 100

61 116.3 10.1 15.1#

70 1.6 7.1 10.7#

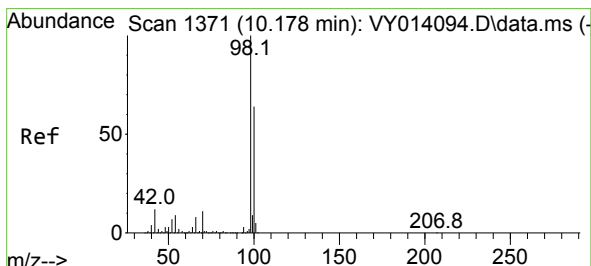
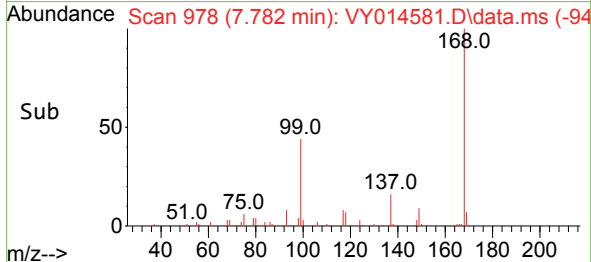
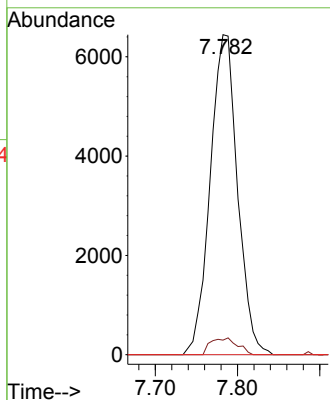
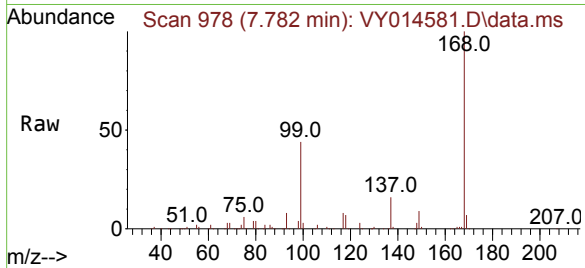




#38
Carbon Tetrachloride
Concen: 5.651 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

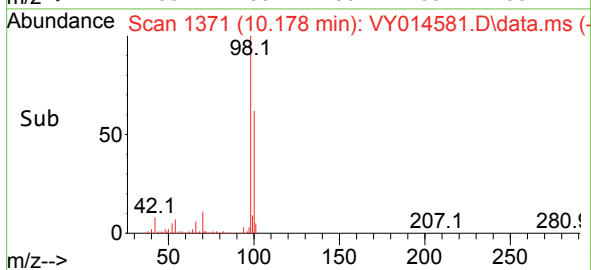
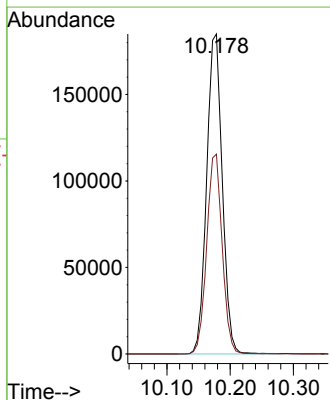
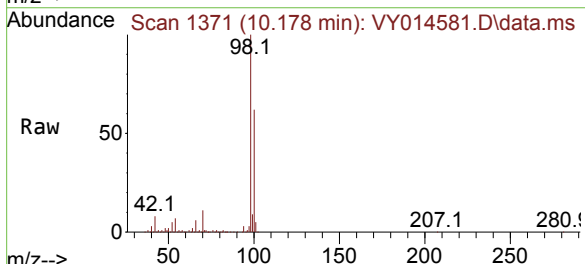
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

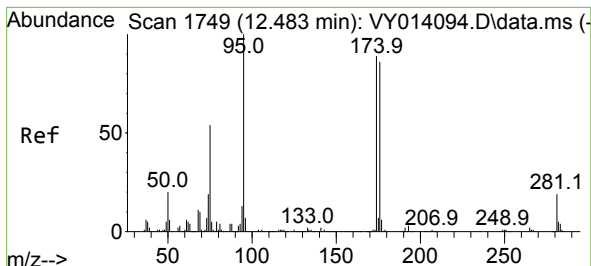
Tgt Ion:117 Resp: 14901
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.791 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 98 Resp: 318126
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

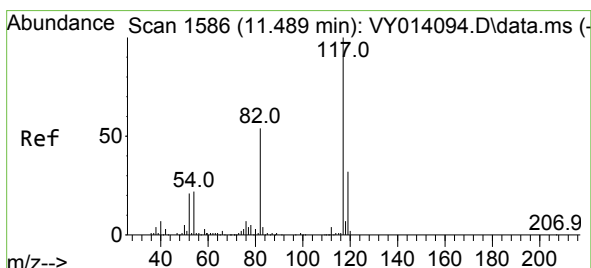
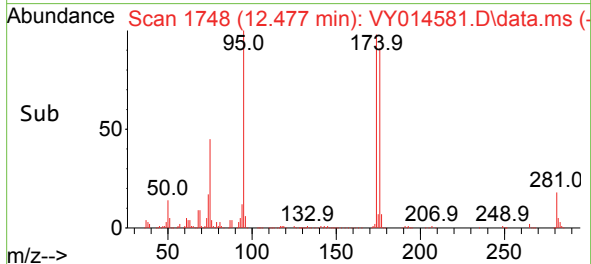
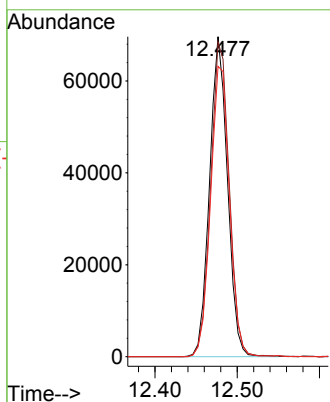
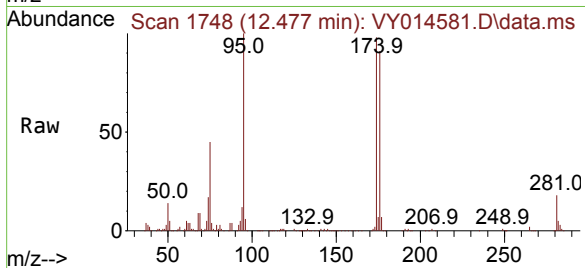




#62
4-Bromofluorobenzene
Concen: 46.536 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

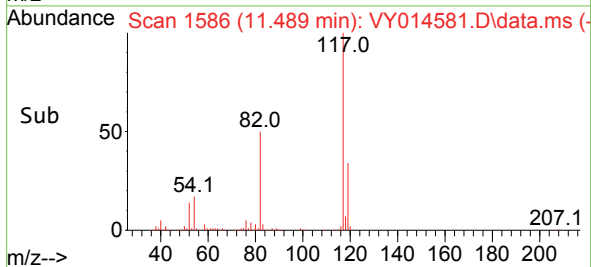
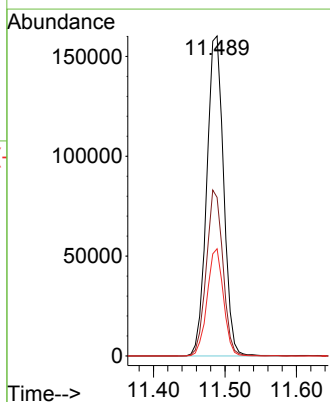
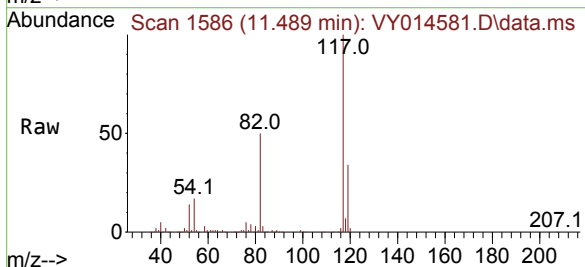
Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

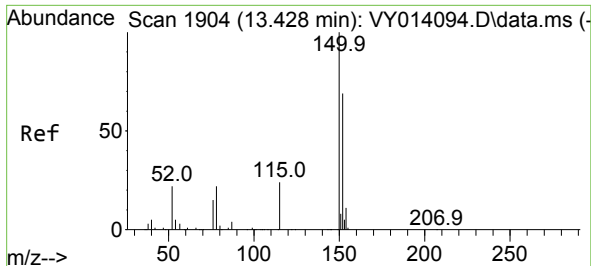
Tgt Ion: 95 Resp: 105360
Ion Ratio Lower Upper
95 100
174 102.2 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 117 Resp: 262136
Ion Ratio Lower Upper
117 100
82 49.5 43.4 65.0
119 33.5 26.3 39.5

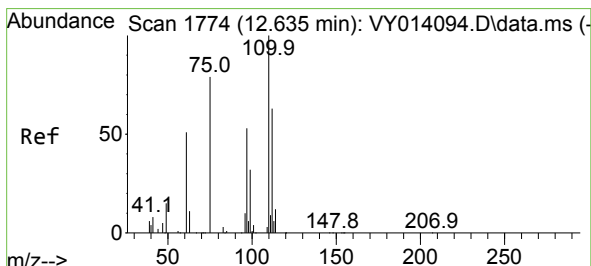
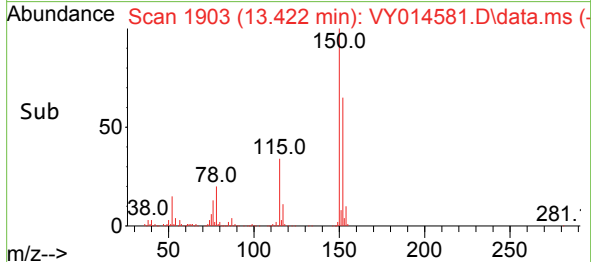
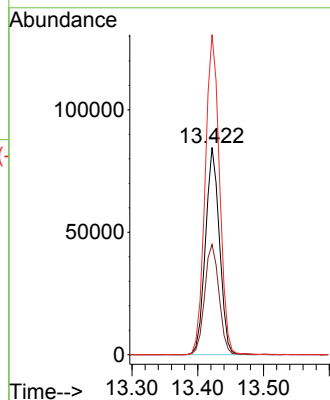
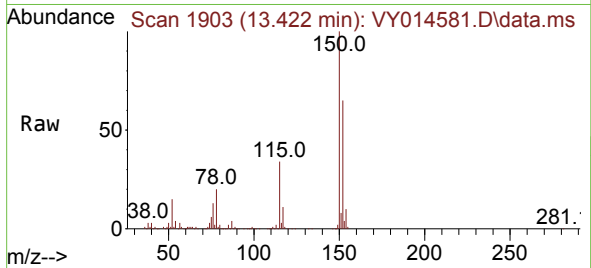




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY014581.D
 Acq: 06 Jul 2023 12:19

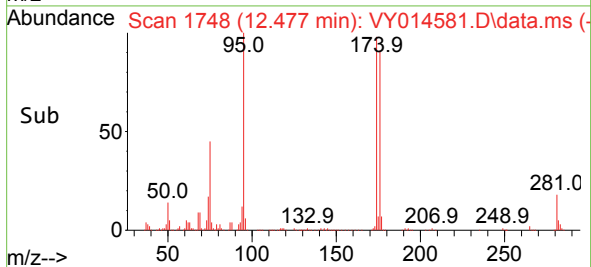
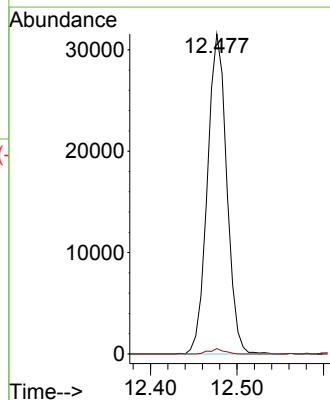
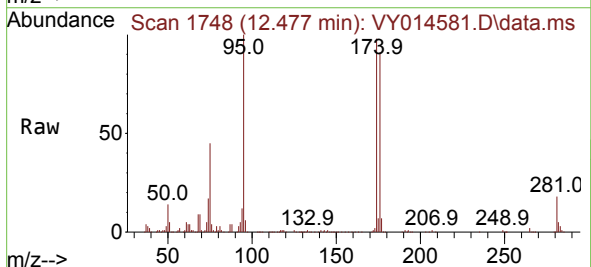
Instrument :
 MSVOA_Y
 ClientSampleId :
 BERGENFIELD-COMP

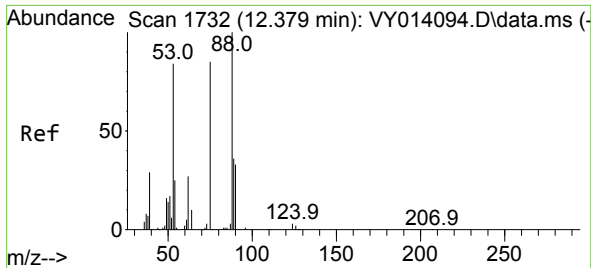
Tgt Ion:152 Resp: 125438
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.8 86.5
 150 158.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 33.297 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY014581.D
 Acq: 06 Jul 2023 12:19

Tgt Ion: 75 Resp: 49012
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.810 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014581.D
Acq: 06 Jul 2023 12:19

Instrument :
MSVOA_Y
ClientSampleId :
BERGENFIELD-COMP

Tgt Ion: 75 Resp: 49012
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#

