

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010706.D
 Acq On : 28 Sep 2022 11:19
 Operator : KP/MD
 Sample : VY0928SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBL01

Quant Time: Sep 29 01:11:23 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)

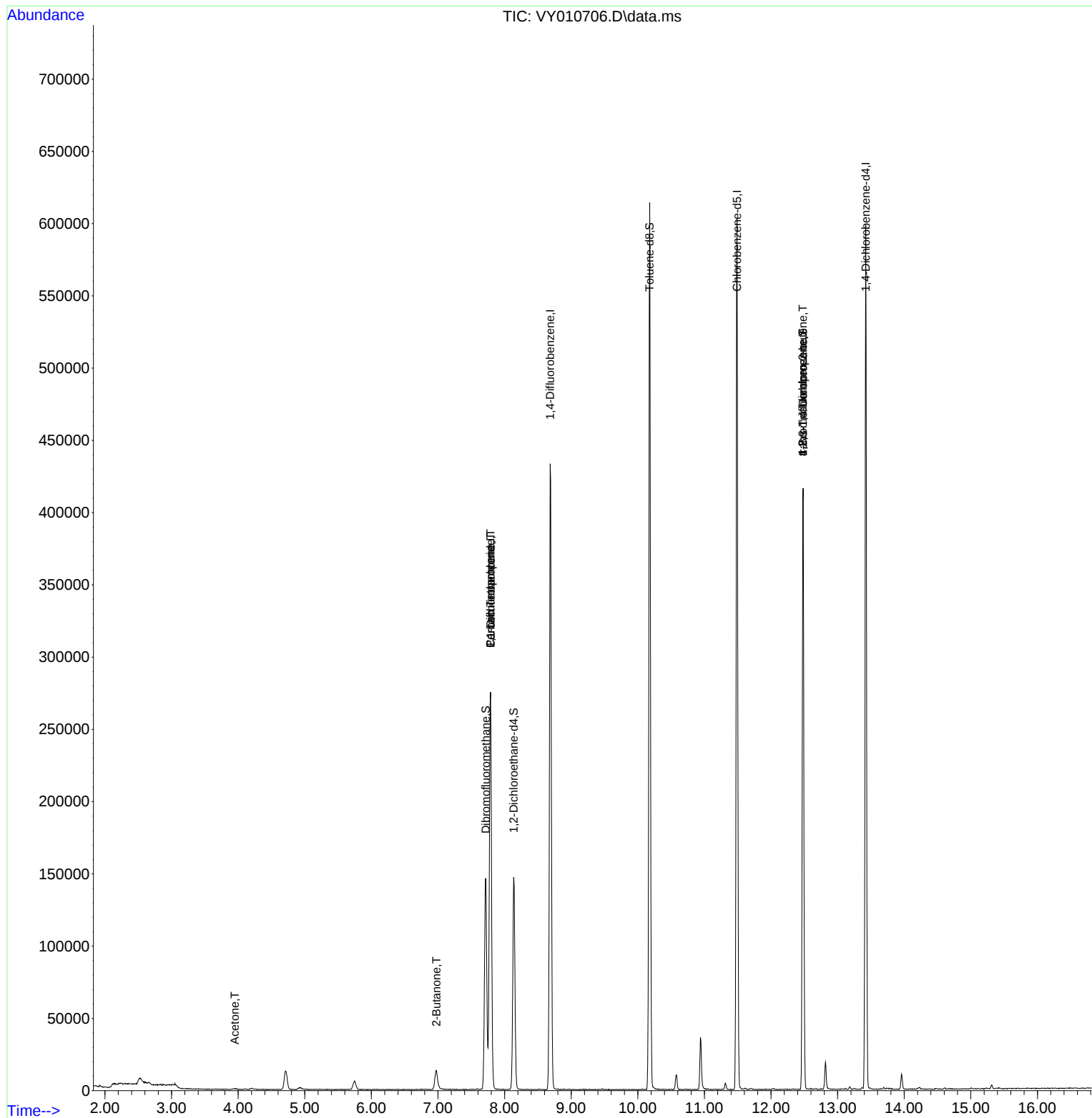
Internal Standards						
1) Pentafluorobenzene	7.789	168	212070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113014	55.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.440%			
35) Dibromofluoromethane	7.716	113	104350	44.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.540%			
50) Toluene-d8	10.179	98	384983	45.020	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.040%			
62) 4-Bromofluorobenzene	12.477	95	120939	37.131	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	55	Below Cal	#	43
3) Chloromethane	2.113	50	596	Below Cal	#	78
4) Vinyl Chloride	2.235	62	22	Below Cal	#	43
5) Bromomethane	2.656	94	297	Below Cal		99
11) Tert butyl alcohol	4.924	59	1665	Below Cal	#	77
16) Acetone	3.948	43	1290	3.119 ug/l	#	87
17) Carbon Disulfide	4.186	76	152	Below Cal	#	75
18) Methyl Acetate	4.497	43	19	Below Cal	#	56
20) Methylene Chloride	4.716	84	10135	Below Cal	#	84
25) 2-Butanone	6.978	43	1401	2.165 ug/l	#	86
31) Cyclohexane	7.789	56	4576	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	16632	6.404 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	21641	7.247 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	64119	46.499 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	64119	103.387 ug/l	#	7

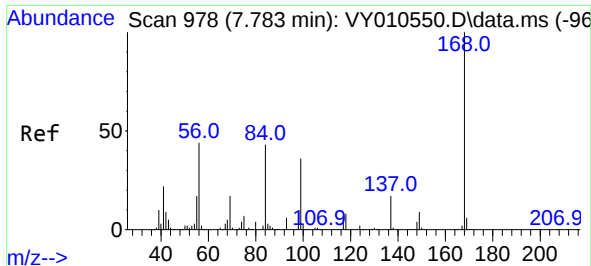
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
Data File : VY010706.D
Acq On : 28 Sep 2022 11:19
Operator : KP/MD
Sample : VY0928SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

Quant Time: Sep 29 01:11:23 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

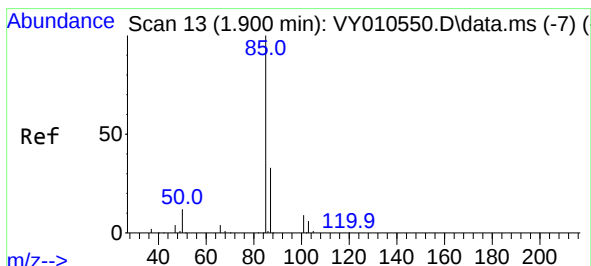
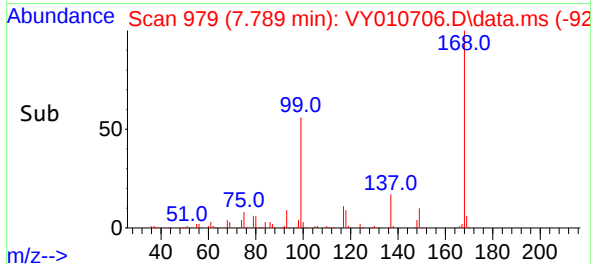
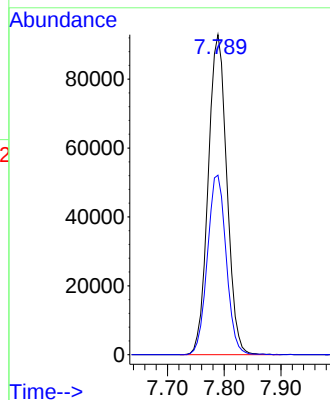
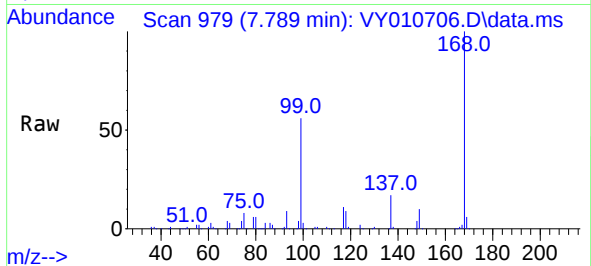




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

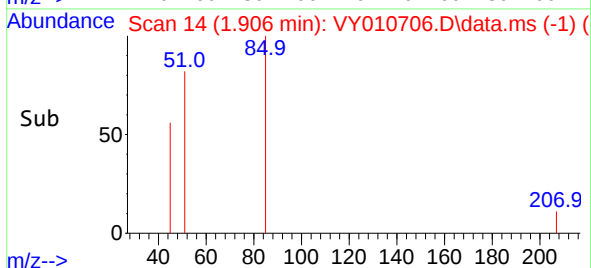
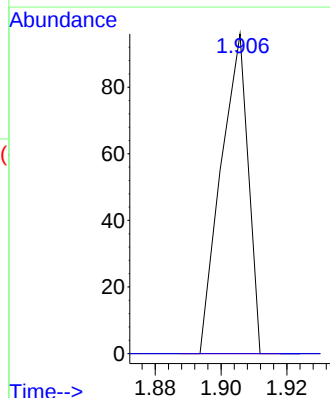
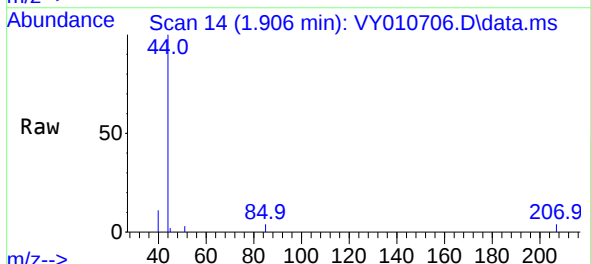
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

Tgt Ion:168 Resp: 212070
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

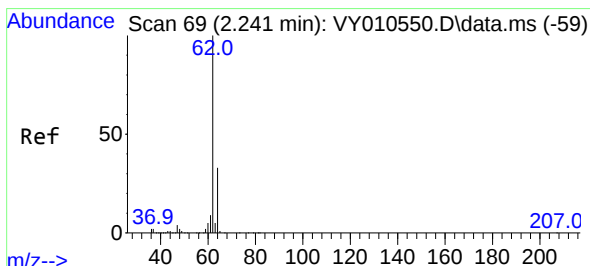
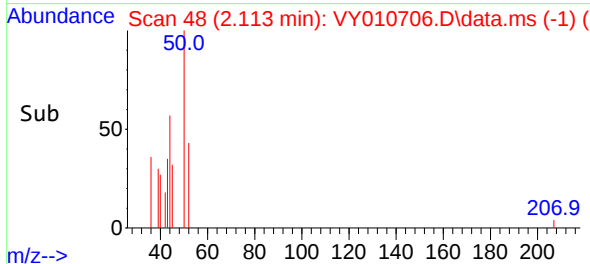
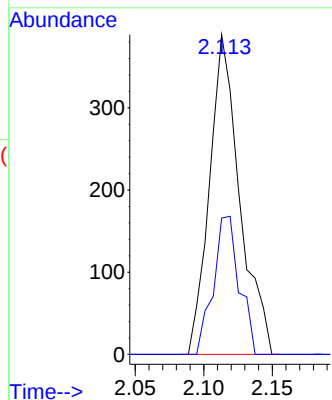
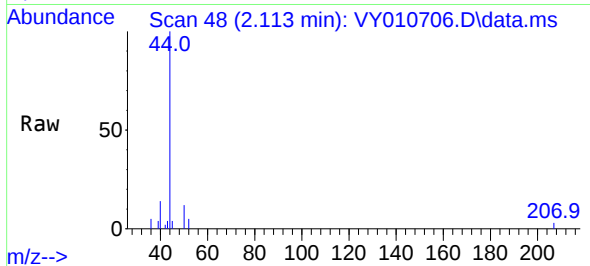




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

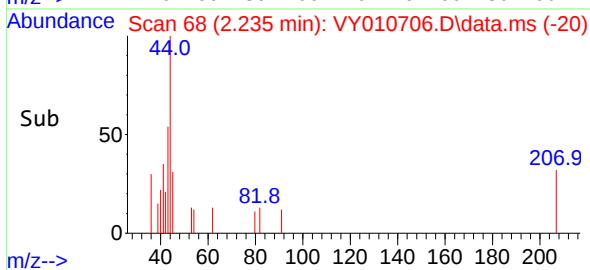
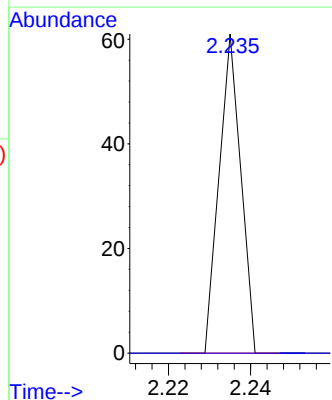
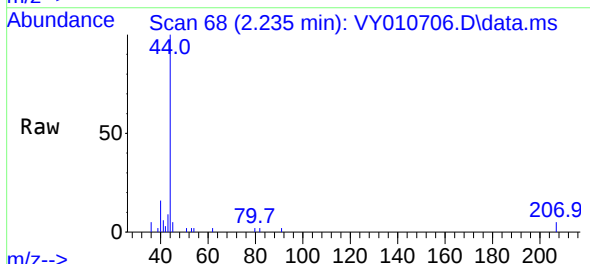
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

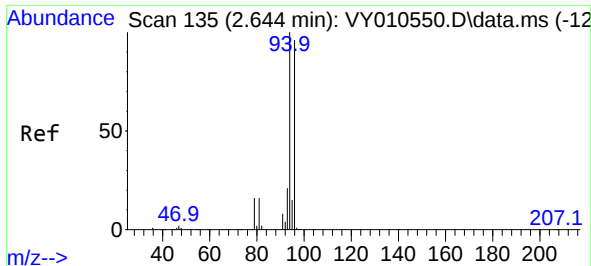
Tgt Ion: 50 Resp: 596
Ion Ratio Lower Upper
50 100
52 42.7 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.235 min Scan# 68
Delta R.T. -0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 62 Resp: 22
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

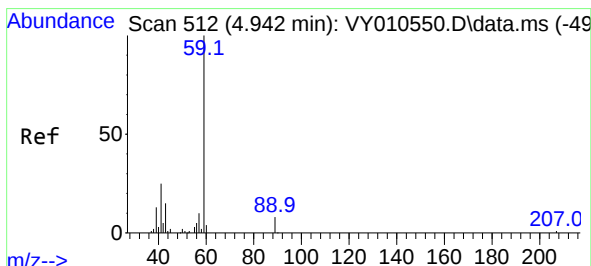
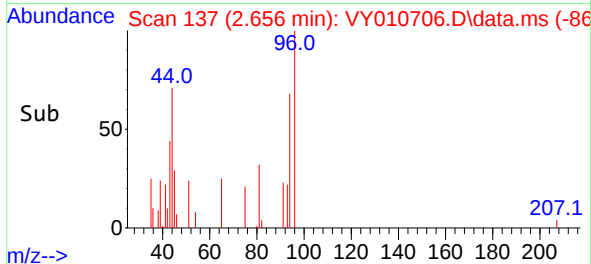
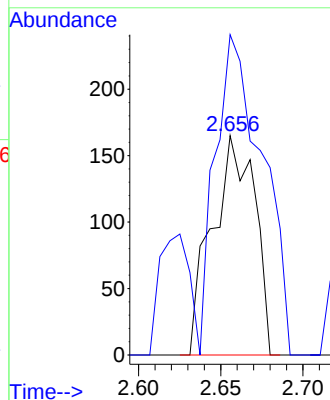
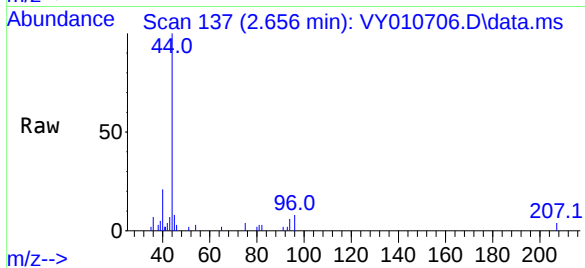




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

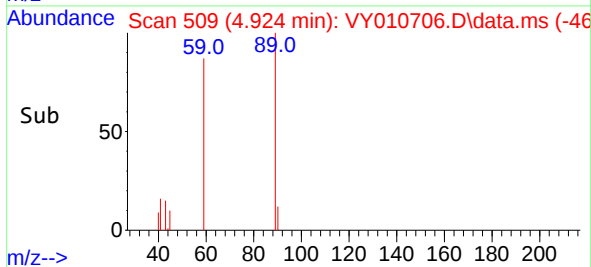
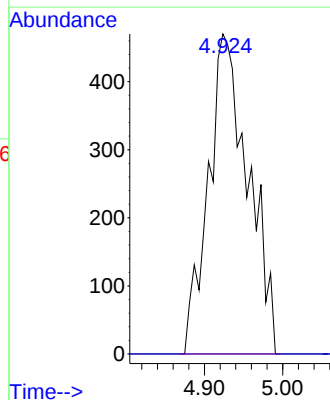
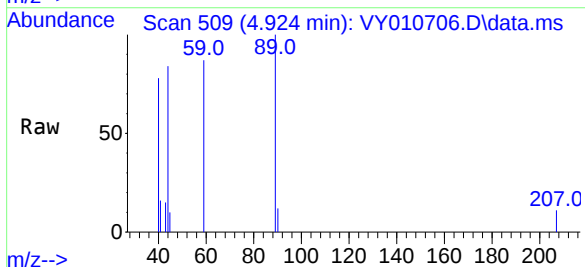
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

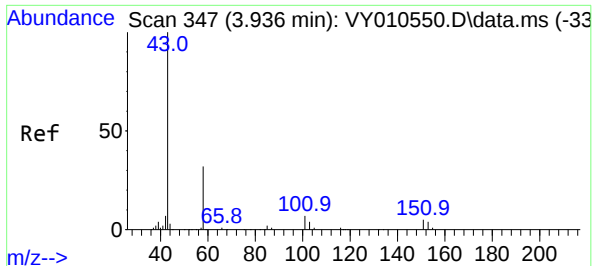
Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 90.9 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 59 Resp: 1665
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

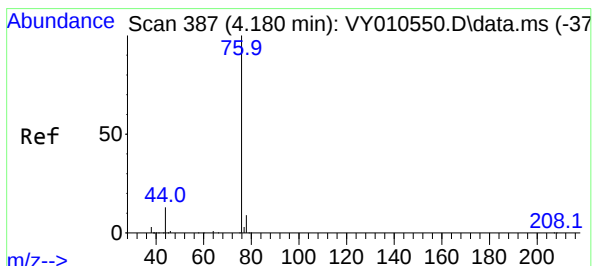
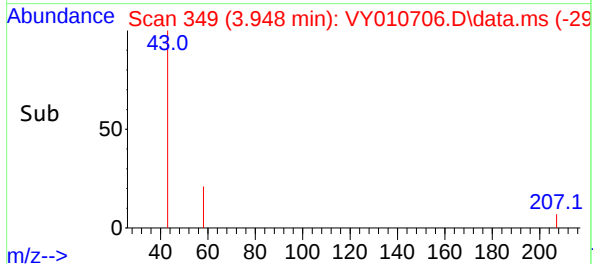
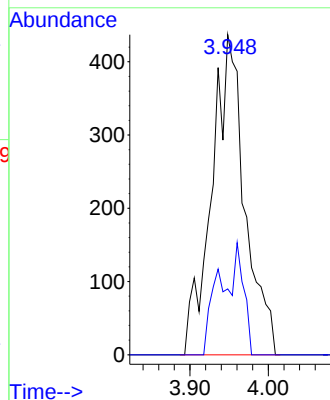
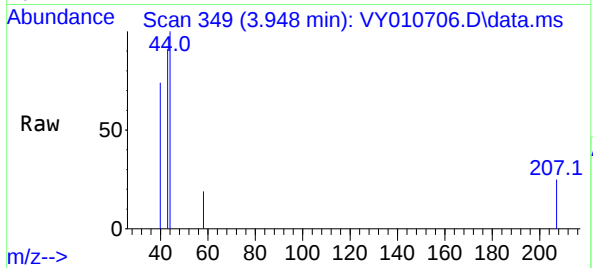




#16
Acetone
Concen: 3.119 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

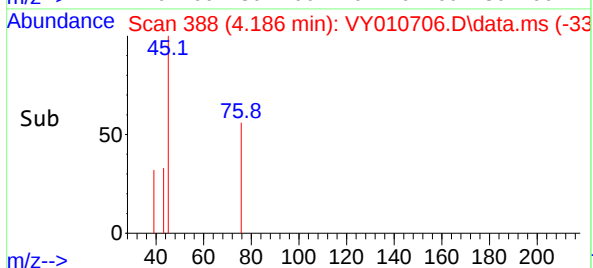
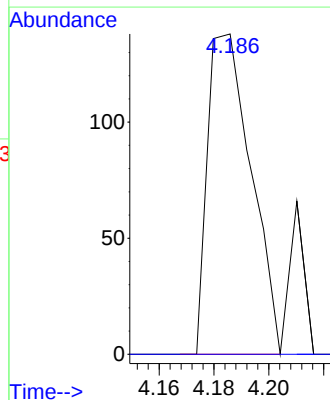
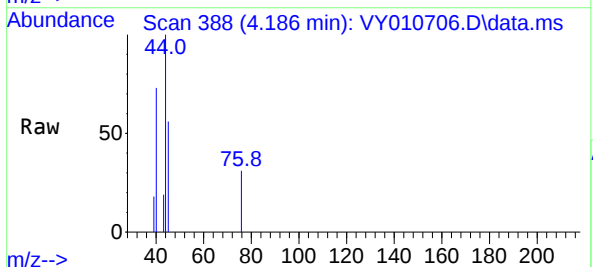
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

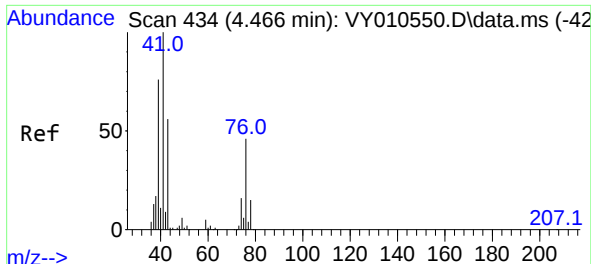
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
58 20.6 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 76 Resp: 152
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

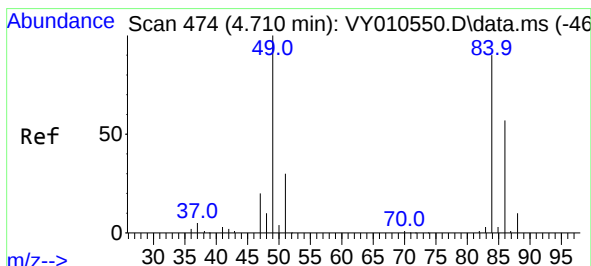
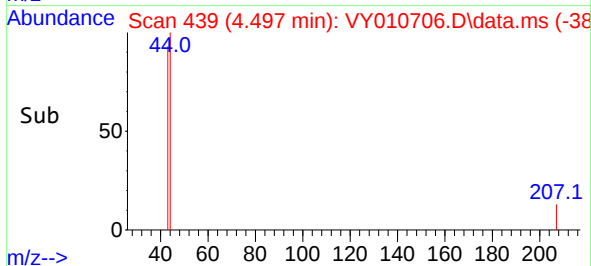
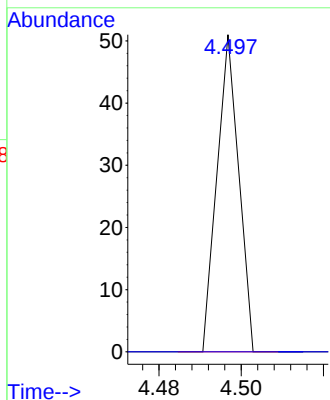
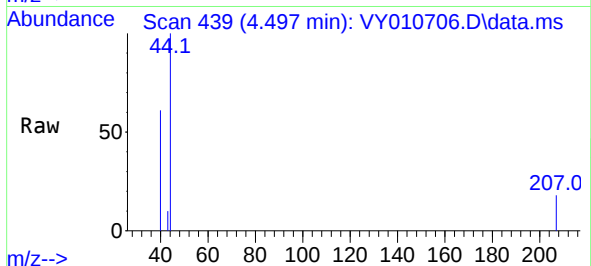




#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 41
Delta R.T. 0.031 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

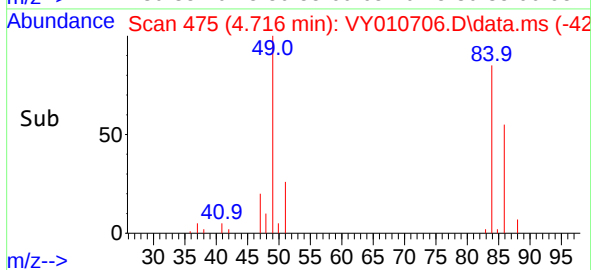
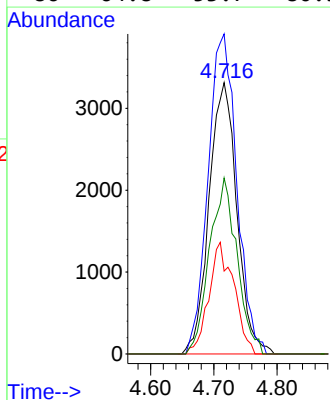
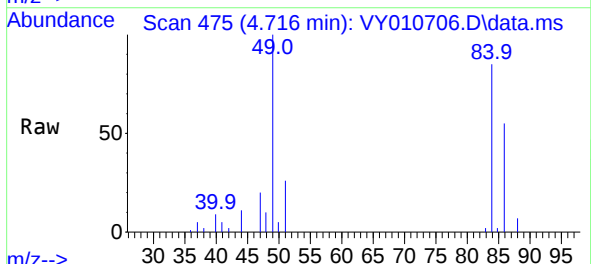
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

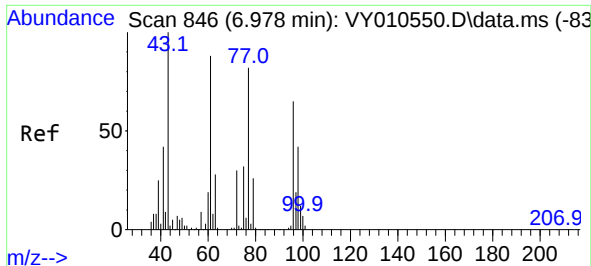
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 84 Resp: 10135
Ion Ratio Lower Upper
84 100
49 117.9 114.4 171.6
51 30.5 35.3 52.9#
86 64.8 53.7 80.5

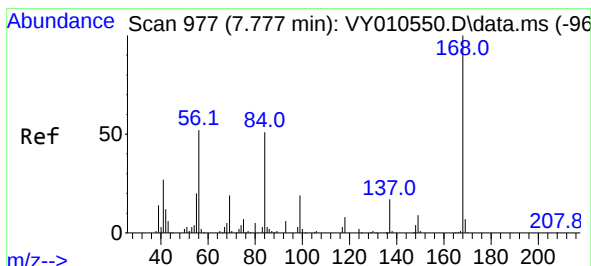
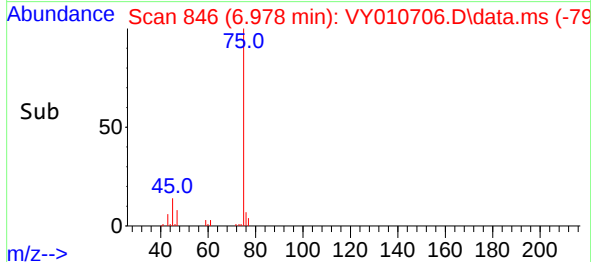
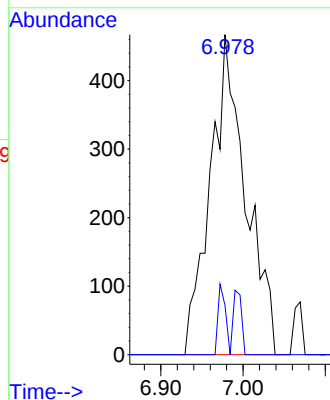
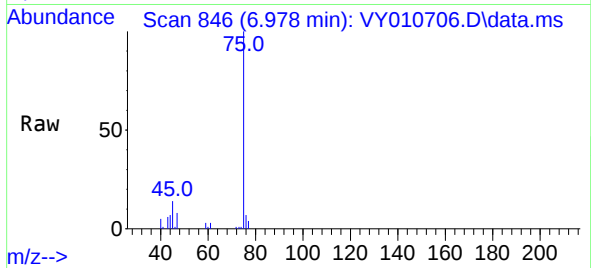




#25
2-Butanone
Concen: 2.165 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

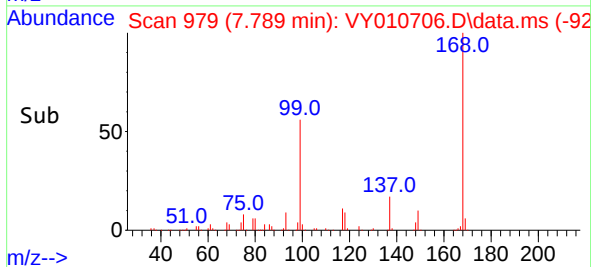
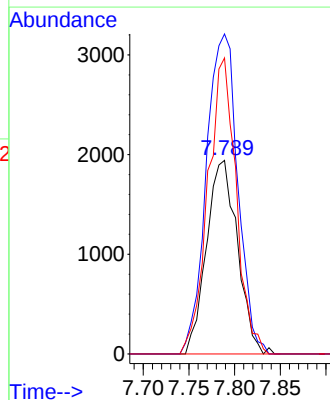
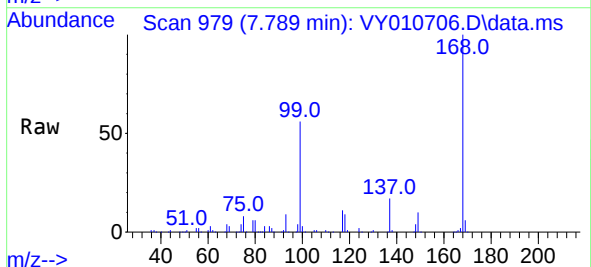
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

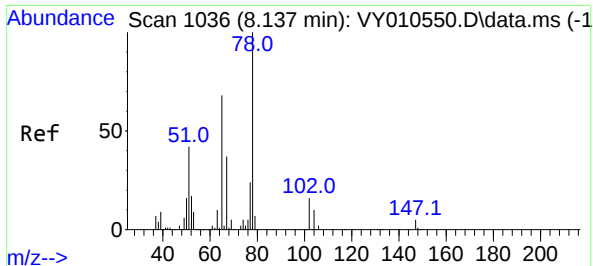
Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
72 15.4 17.7 26.5#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 56 Resp: 4576
Ion Ratio Lower Upper
56 100
69 165.2 26.7 40.1#
84 152.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.716 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY010706.D

Acq: 28 Sep 2022 11:19

Instrument :

MSVOA_Y

ClientSampleId :

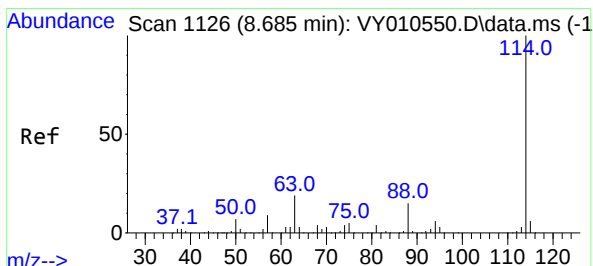
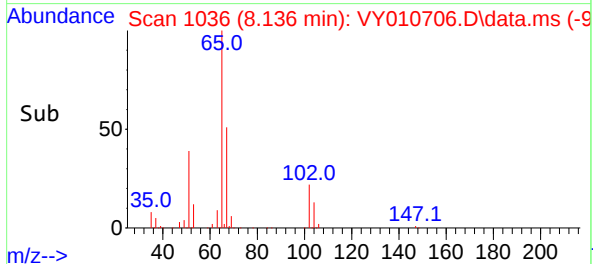
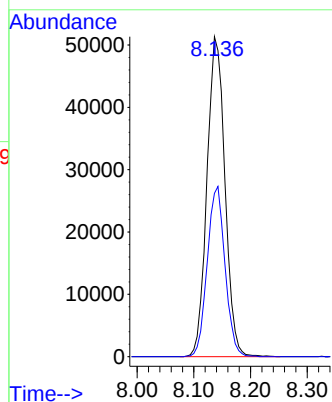
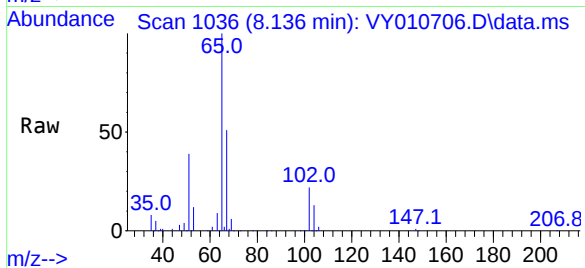
VY0928SBL01

Tgt Ion: 65 Resp: 113014

Ion Ratio Lower Upper

65 100

67 52.6 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: VY010706.D

Acq: 28 Sep 2022 11:19

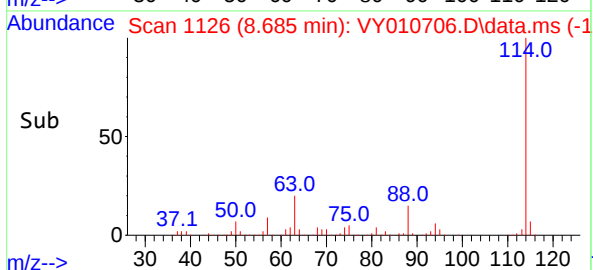
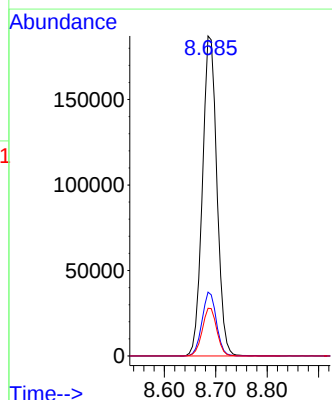
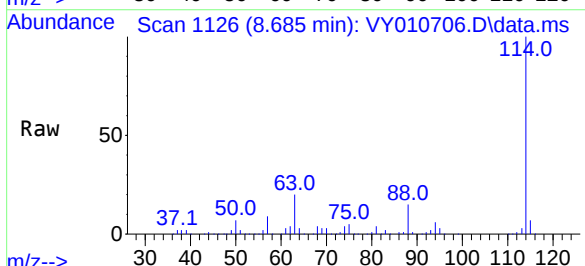
Tgt Ion: 114 Resp: 365245

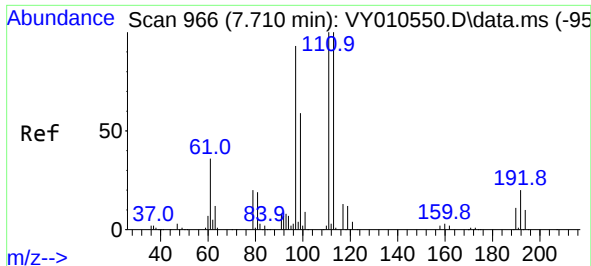
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.9 0.0 31.8

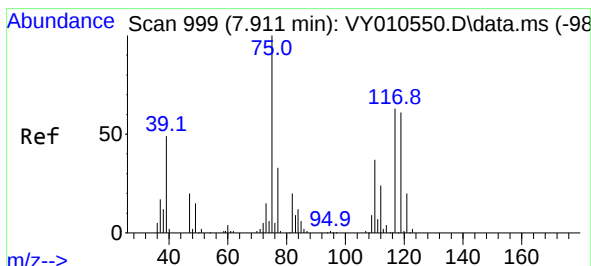
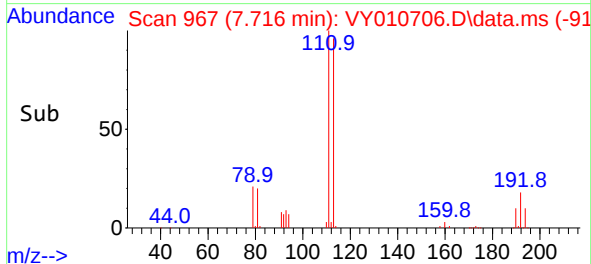
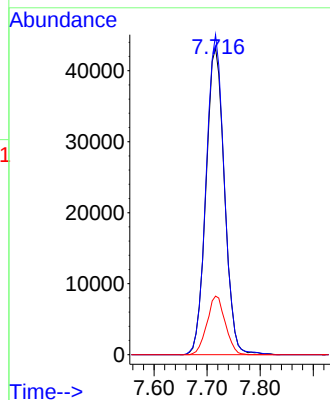
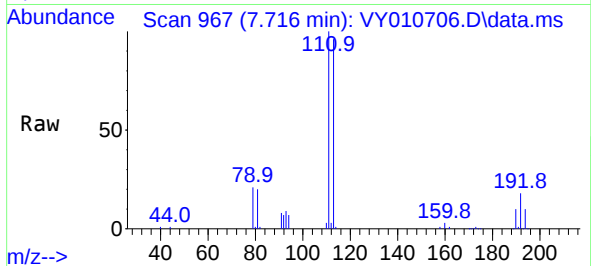




#35
Dibromofluoromethane
Concen: 44.766 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

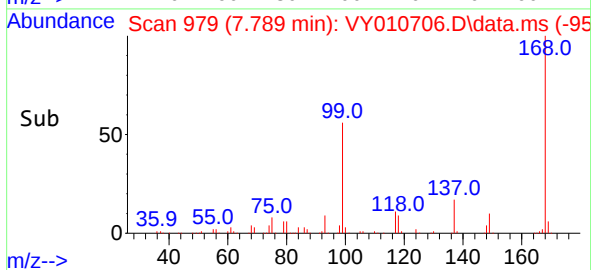
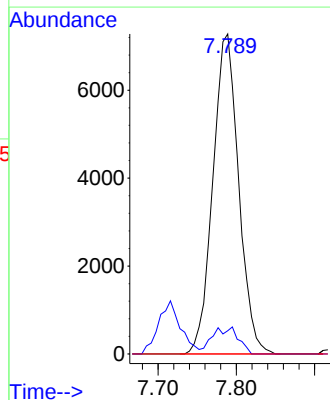
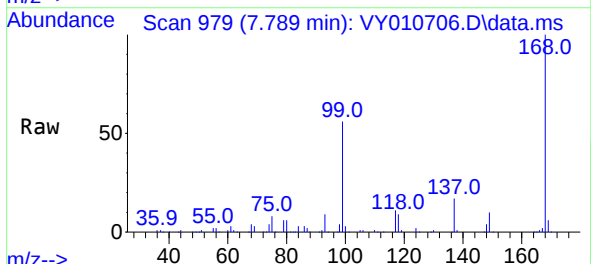
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

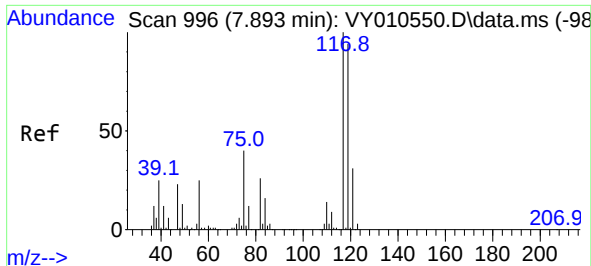
Tgt Ion:113 Resp: 104350
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.404 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 75 Resp: 16632
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

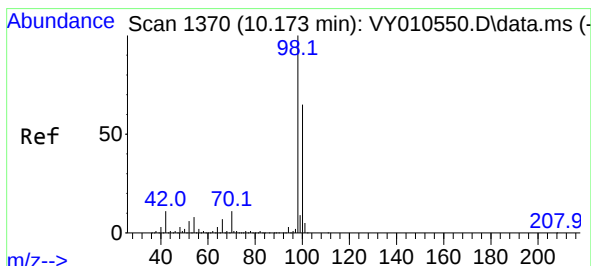
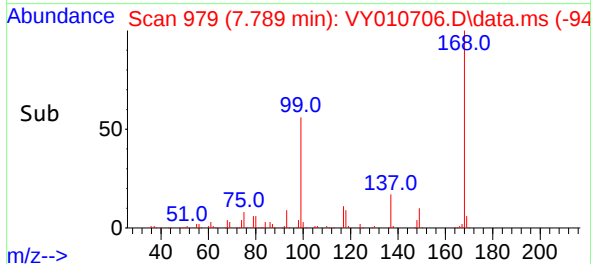
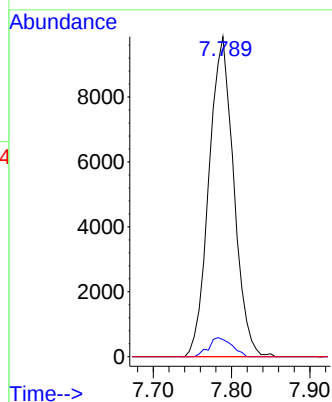
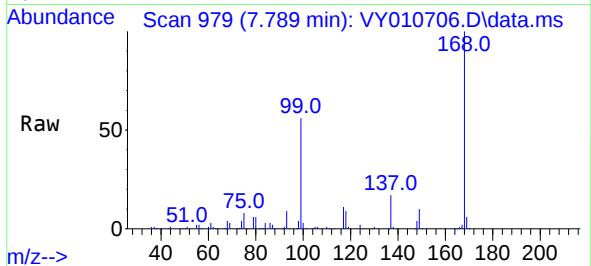




#38
Carbon Tetrachloride
Concen: 7.247 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

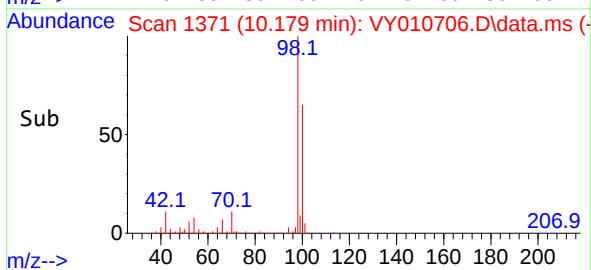
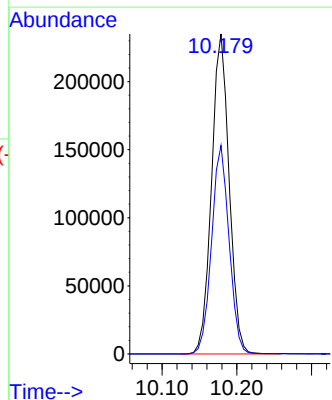
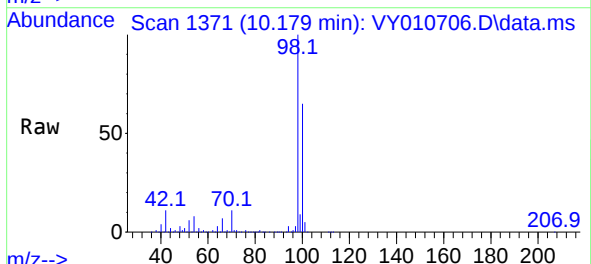
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

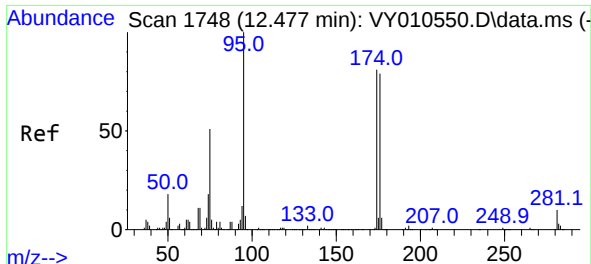
Tgt Ion:117 Resp: 21641
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 45.020 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 98 Resp: 384983
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

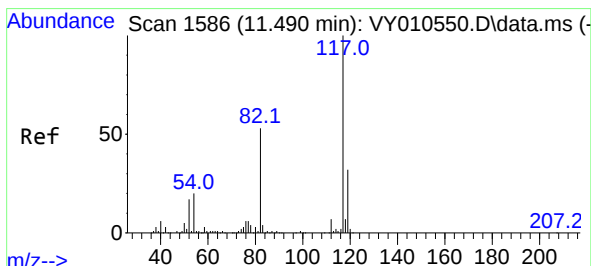
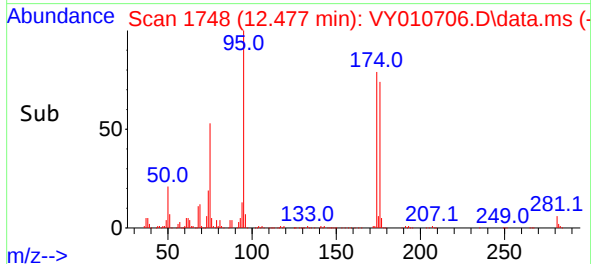
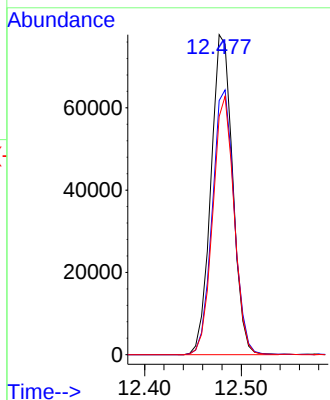
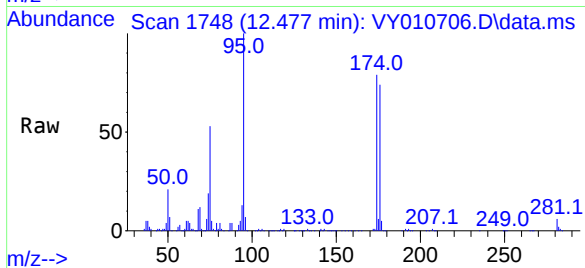




#62
4-Bromofluorobenzene
Concen: 37.131 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

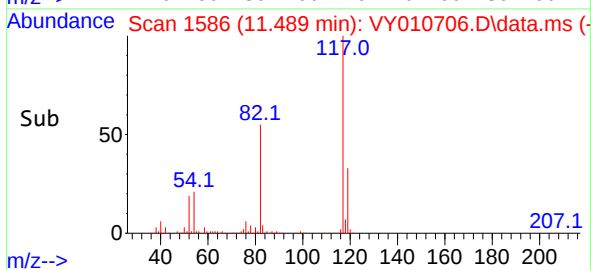
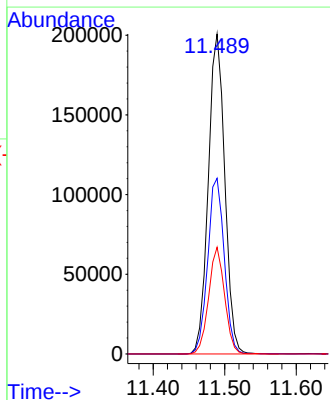
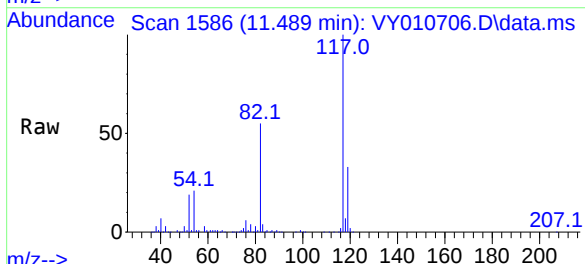
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

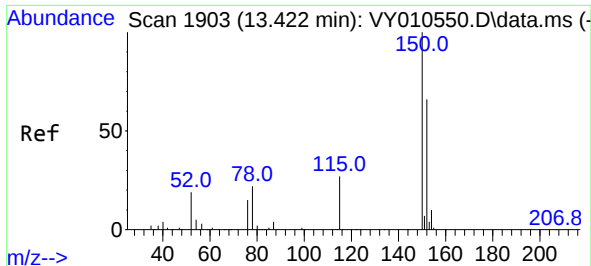
Tgt Ion: 95 Resp: 120939
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Tgt Ion: 117 Resp: 321641
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 33.3 25.4 38.0

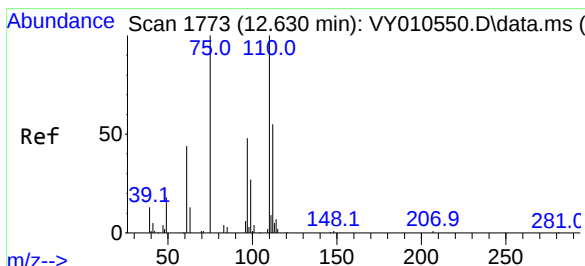
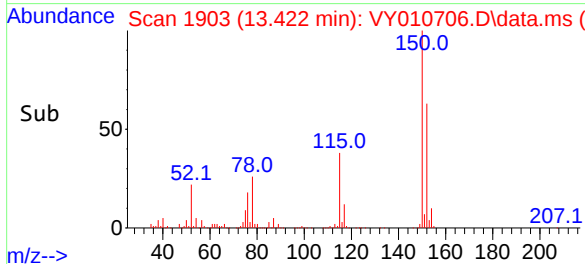
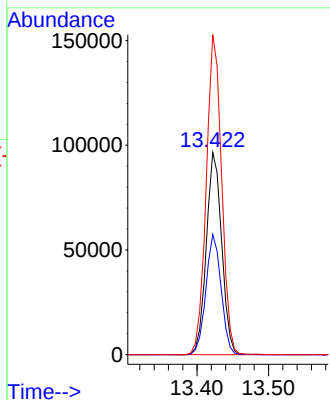
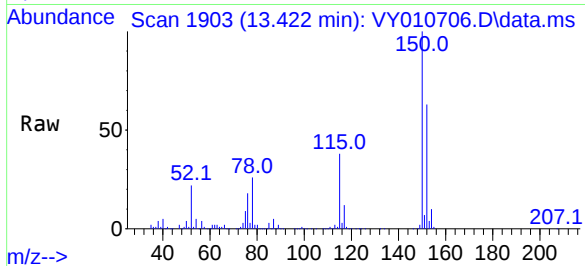




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

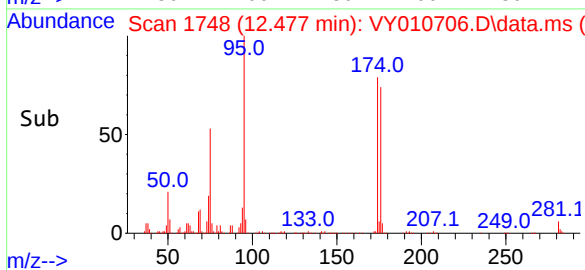
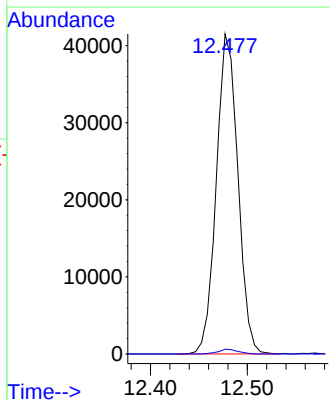
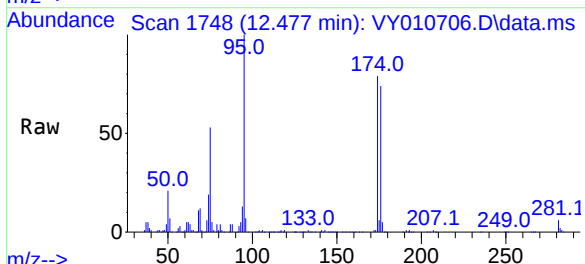
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

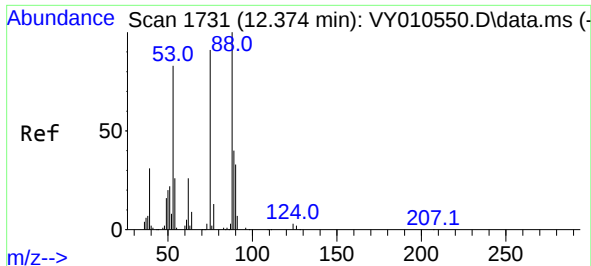
Tgt Ion:152 Resp: 144478
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.499 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

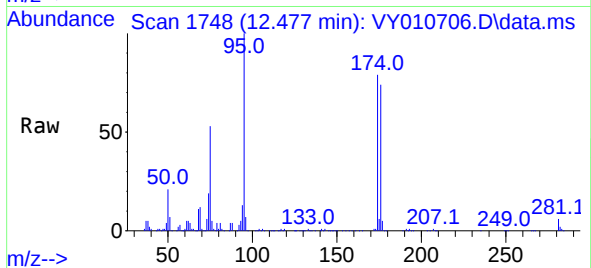
Tgt Ion: 75 Resp: 64119
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 103.387 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY010706.D
Acq: 28 Sep 2022 11:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01



Tgt Ion: 75 Resp: 64119
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

