

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012259.D
 Acq On : 19 Jan 2023 12:40
 Operator : KP/MD
 Sample : 01215-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-011823

Quant Time: Jan 20 03:23:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

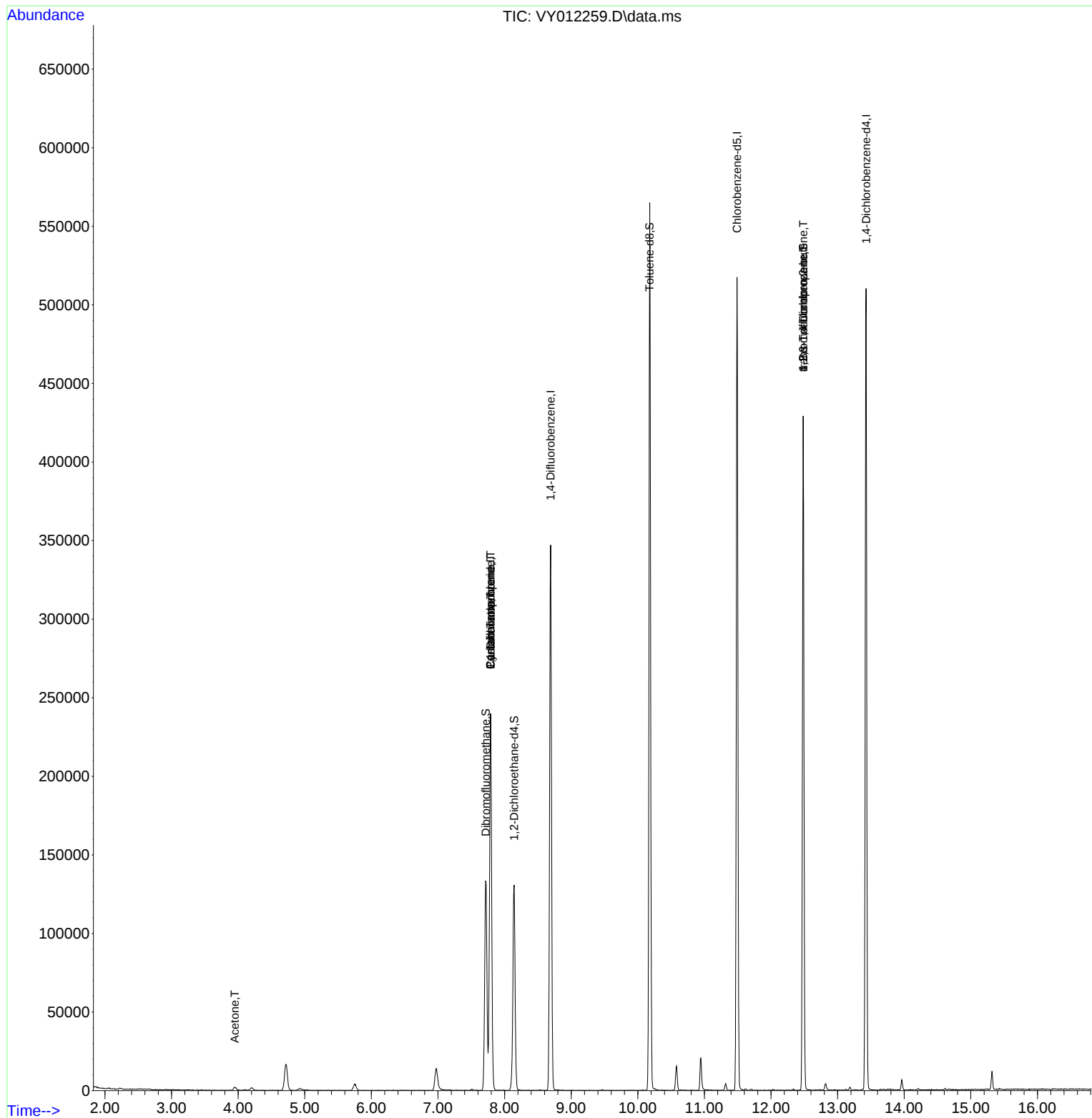
Internal Standards						
1) Pentafluorobenzene	7.789	168	187551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	106581	70.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.280%	
35) Dibromofluoromethane	7.716	113	91751	55.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.560%	
50) Toluene-d8	10.179	98	367410	65.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.680%	
62) 4-Bromofluorobenzene	12.483	95	123005	53.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	1584	Below Cal	#	74
16) Acetone	3.948	43	3713	7.110	ug/l	98
20) Methylene Chloride	4.716	84	14087	Below Cal		88
31) Cyclohexane	7.789	56	3284	1.201	ug/l	# 16
36) 1,1-Dichloropropene	7.789	75	12621	4.515	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	17951	4.972	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	65267	51.042	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	65267	105.169	ug/l	# 13

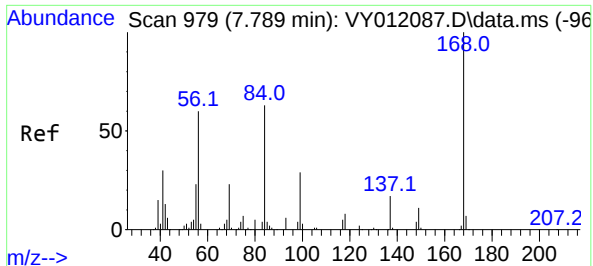
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
Data File : VY012259.D
Acq On : 19 Jan 2023 12:40
Operator : KP/MD
Sample : 01215-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

Quant Time: Jan 20 03:23:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

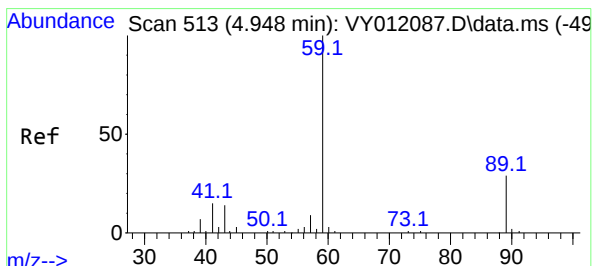
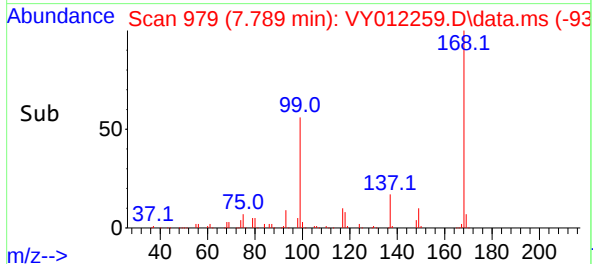
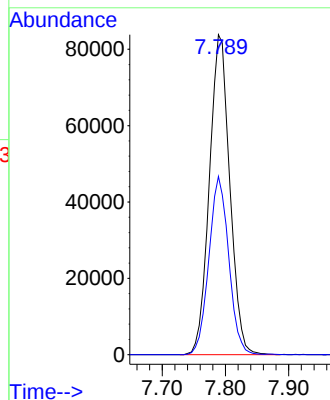
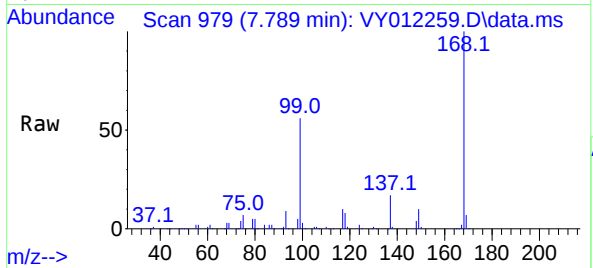




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

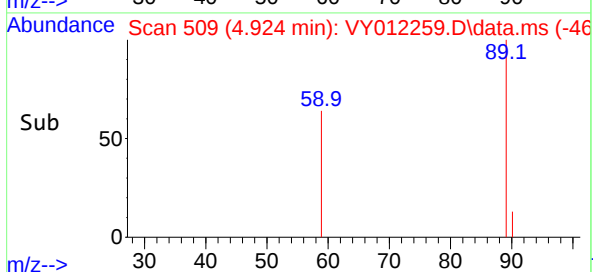
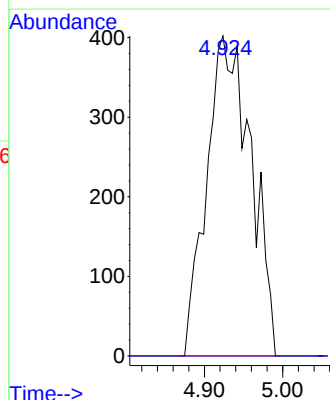
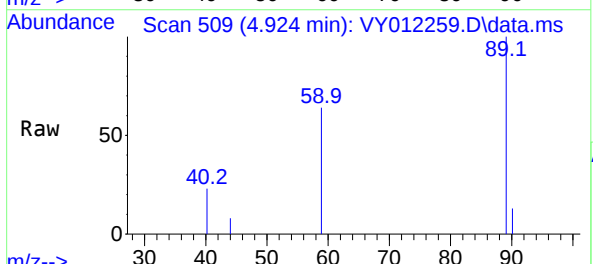
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

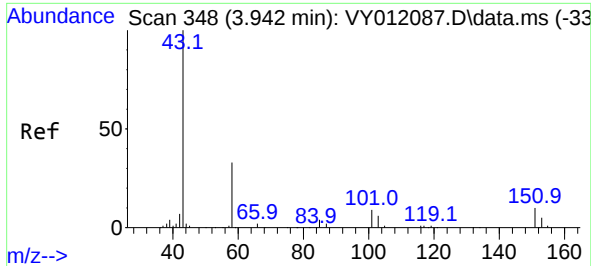
Tgt Ion:168 Resp: 187551
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion: 59 Resp: 1584
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 7.110 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY012259.D

Acq: 19 Jan 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

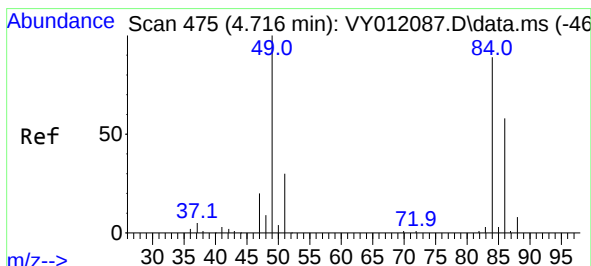
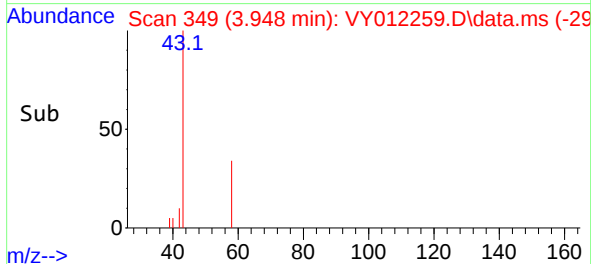
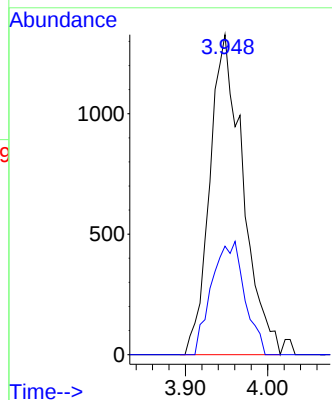
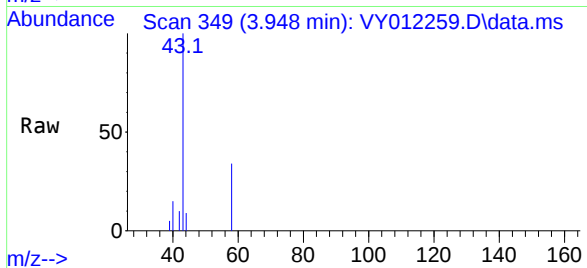
BU-02-011823

Tgt Ion: 43 Resp: 3713

Ion Ratio Lower Upper

43 100

58 33.9 27.9 41.9



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012259.D

Acq: 19 Jan 2023 12:40

Tgt Ion: 84 Resp: 14087

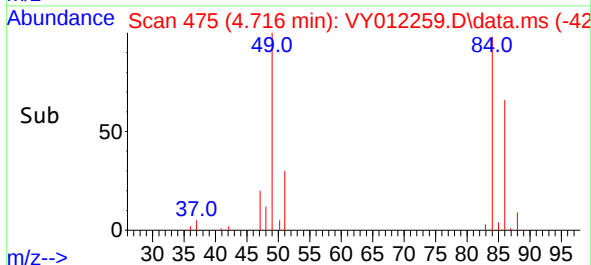
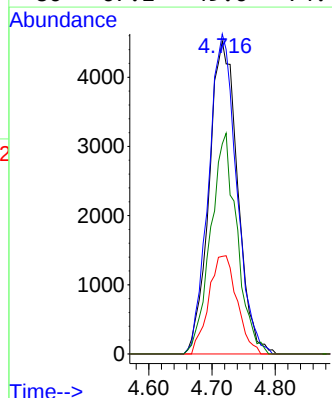
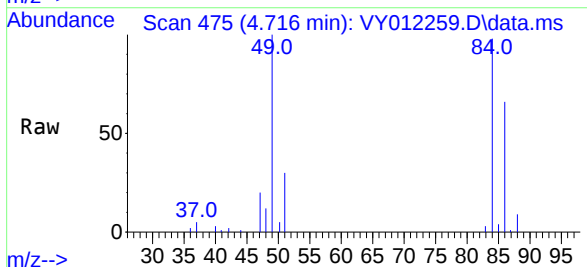
Ion Ratio Lower Upper

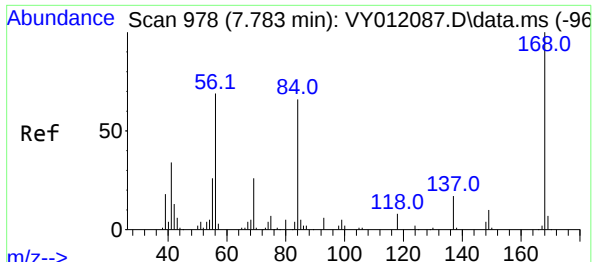
84 100

49 102.3 95.4 143.2

51 31.2 29.9 44.9

86 67.2 49.6 74.4

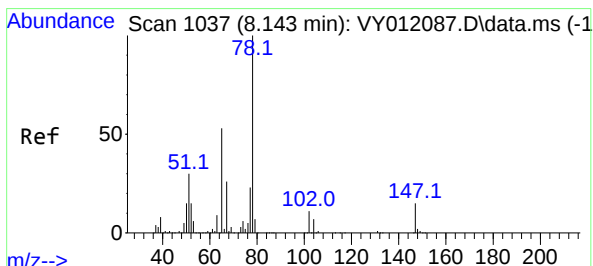
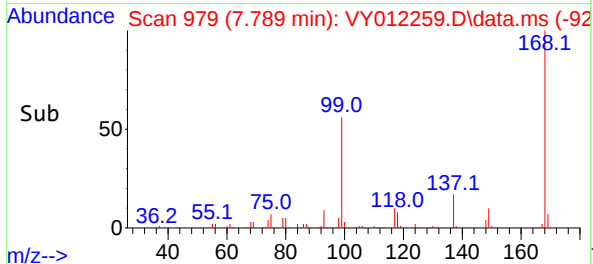
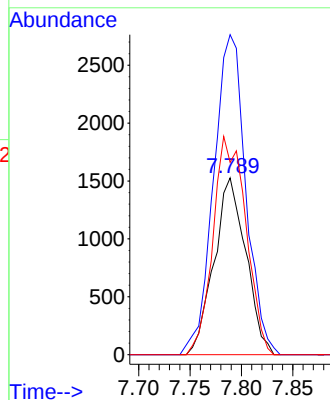
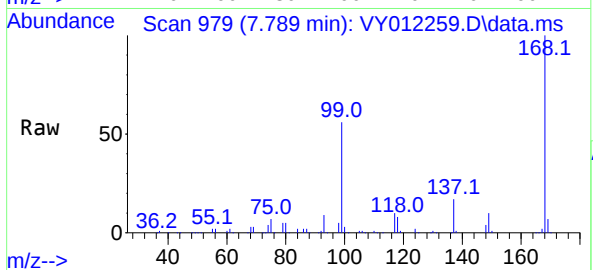




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

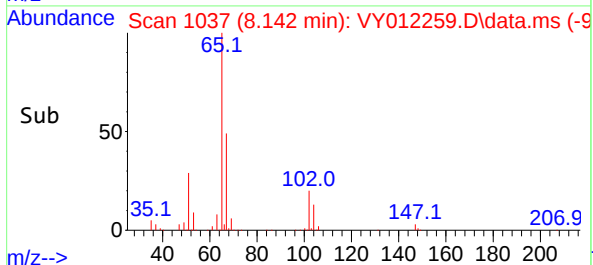
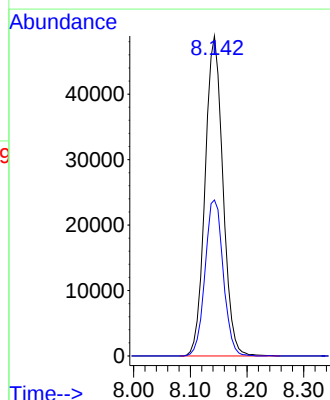
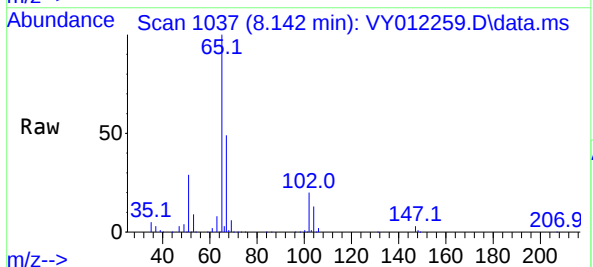
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

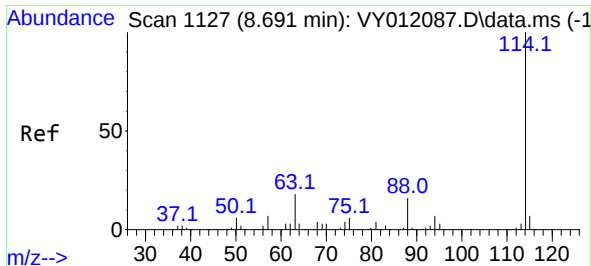
Tgt Ion: 56 Resp: 3284
Ion Ratio Lower Upper
56 100
69 181.0 29.2 43.8#
84 108.8 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 70.143 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion: 65 Resp: 106581
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.2

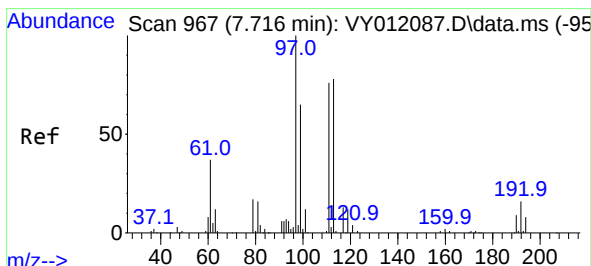
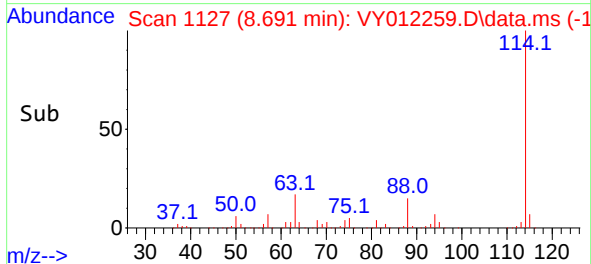
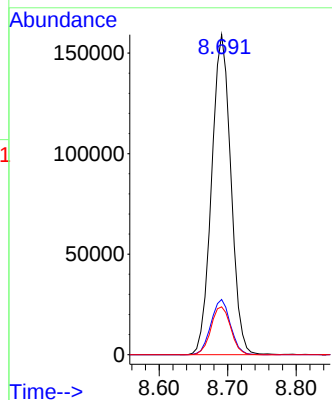
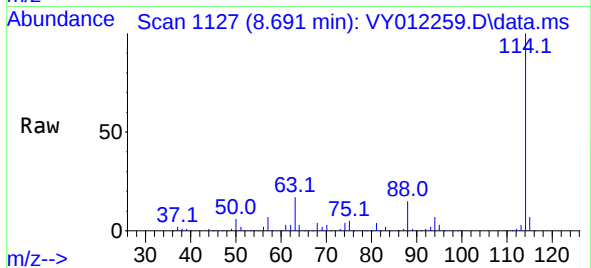




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

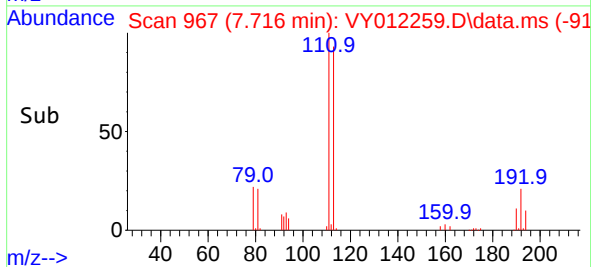
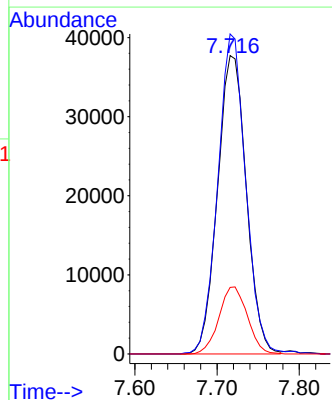
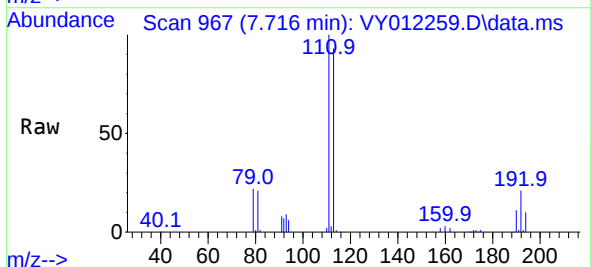
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

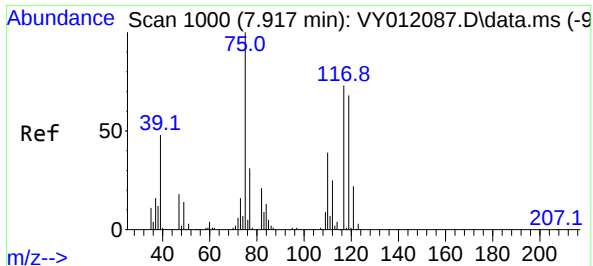
Tgt Ion:114 Resp: 310634
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.782 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion:113 Resp: 91751
Ion Ratio Lower Upper
113 100
111 104.2 83.0 124.4
192 22.2 16.0 24.0

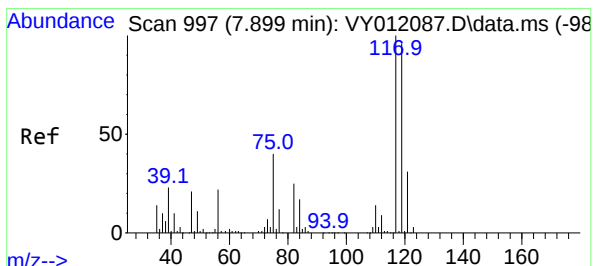
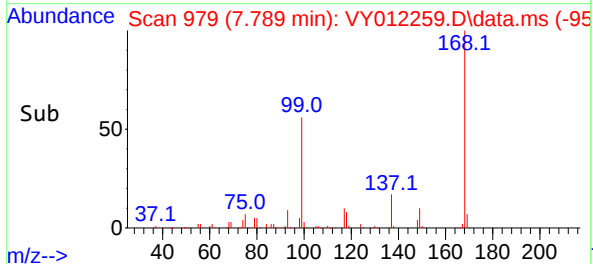
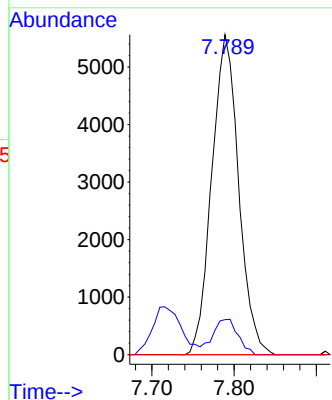
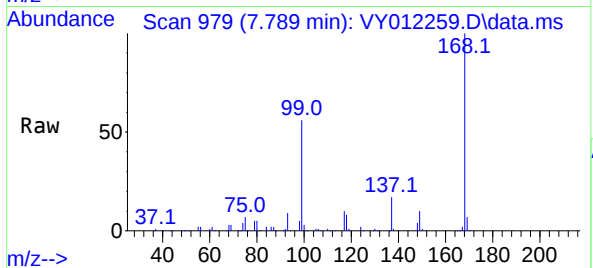




#36
1,1-Dichloropropene
Concen: 4.515 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

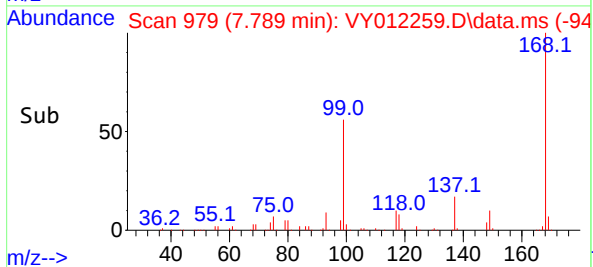
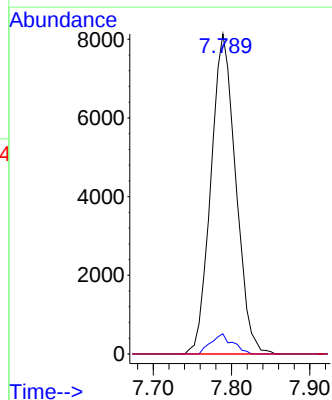
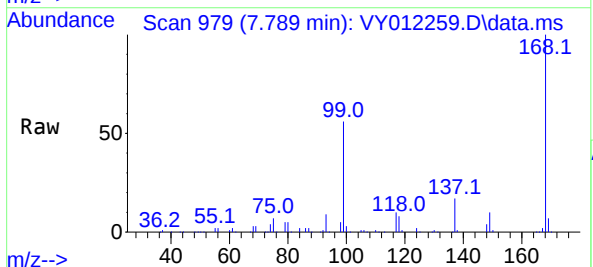
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

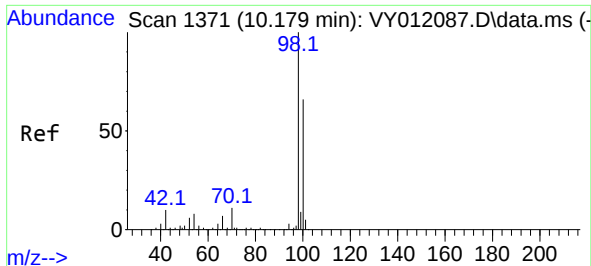
Tgt Ion: 75 Resp: 12621
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion: 117 Resp: 17951
Ion Ratio Lower Upper
117 100
119 6.3 73.8 110.8#
121 0.0 25.2 37.8#

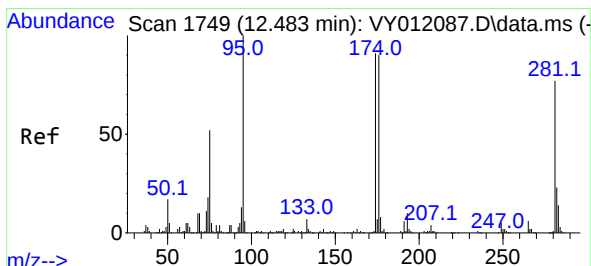
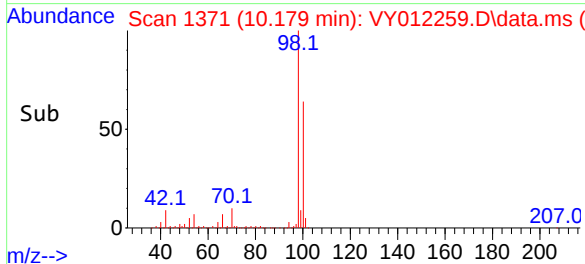
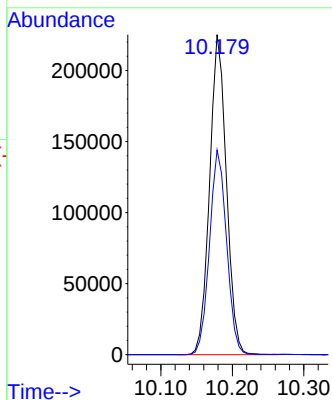
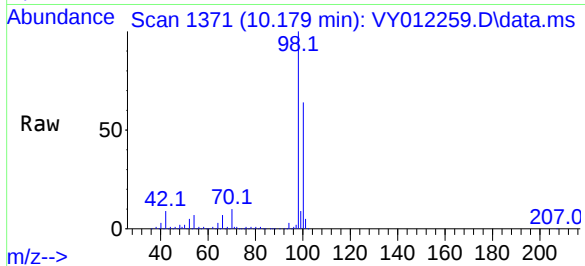




#50
Toluene-d8
Concen: 65.842 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

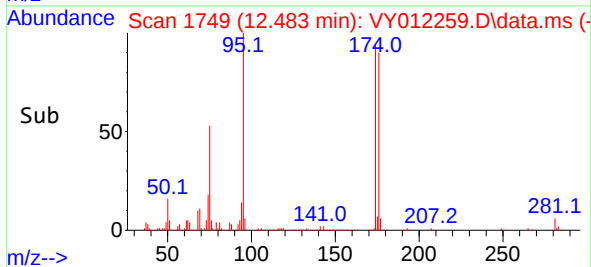
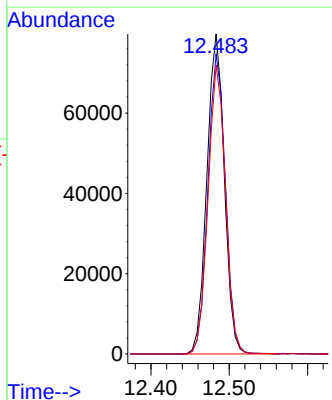
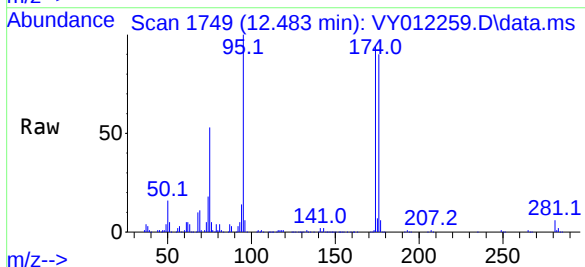
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

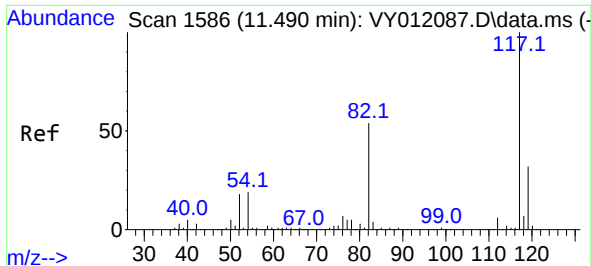
Tgt Ion: 98 Resp: 367410
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.050 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion: 95 Resp: 123005
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 90.3 0.0 167.6

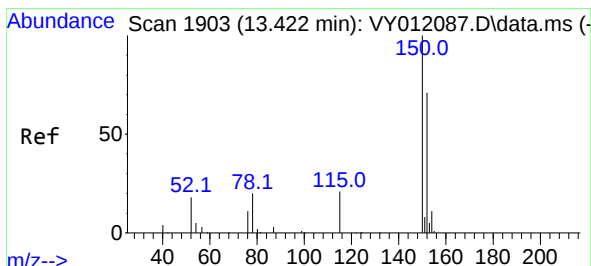
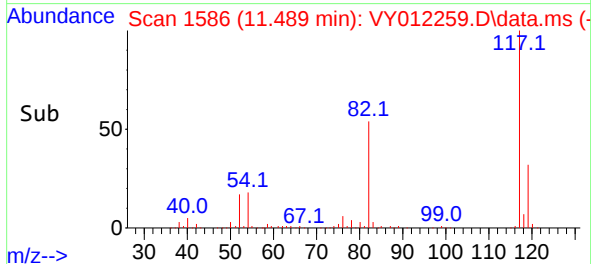
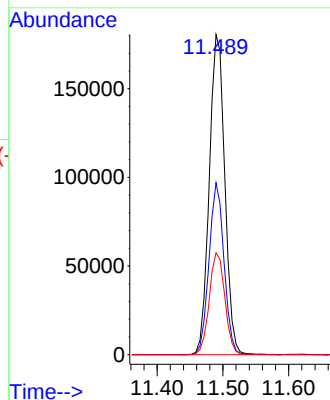
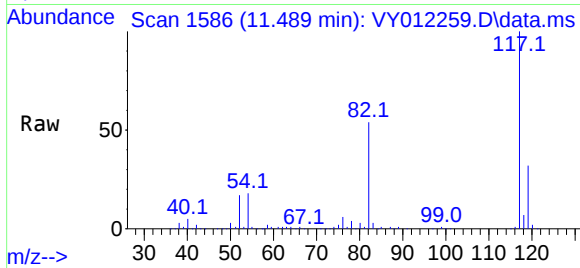




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

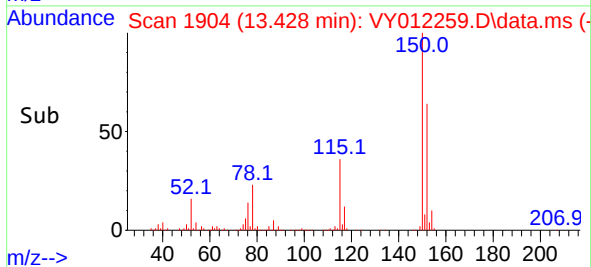
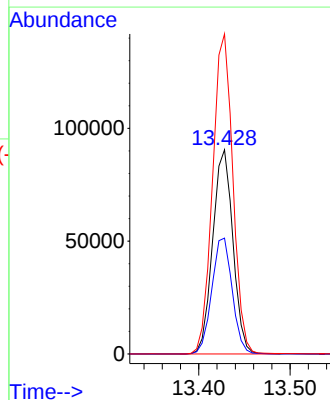
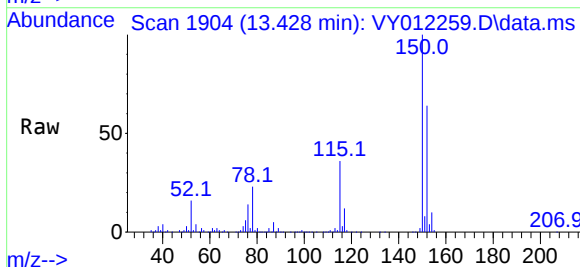
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

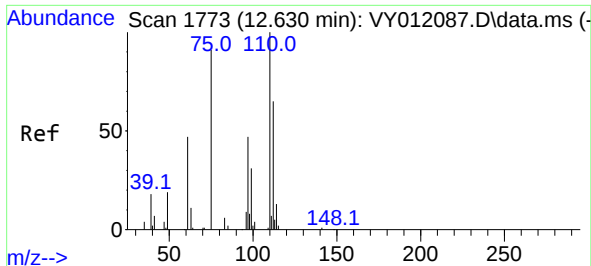
Tgt Ion:117 Resp: 296902
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion:152 Resp: 139059
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 157.3 0.0 342.6

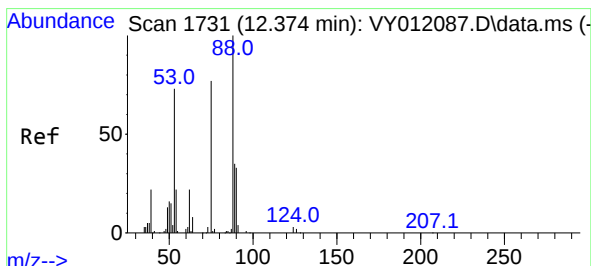
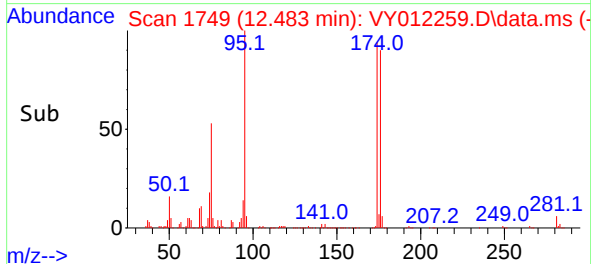
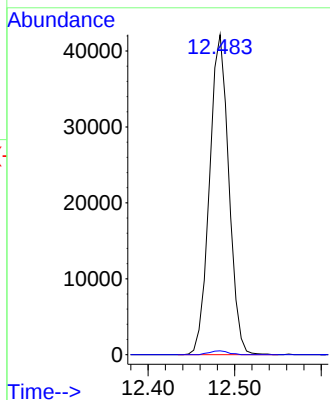
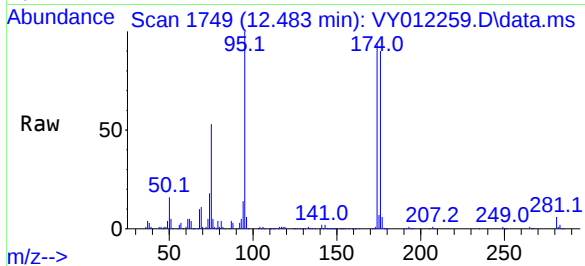




#76
1,2,3-Trichloropropane
Concen: 51.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Instrument :
MSVOA_Y
ClientSampleId :
BU-02-011823

Tgt Ion: 75 Resp: 65267
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012259.D
Acq: 19 Jan 2023 12:40

Tgt Ion: 75 Resp: 65267
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

