

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012092.D
 Acq On : 06 Jan 2023 15:28
 Operator : KP/MD
 Sample : VY0106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBL01

Quant Time: Jan 07 01:48:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

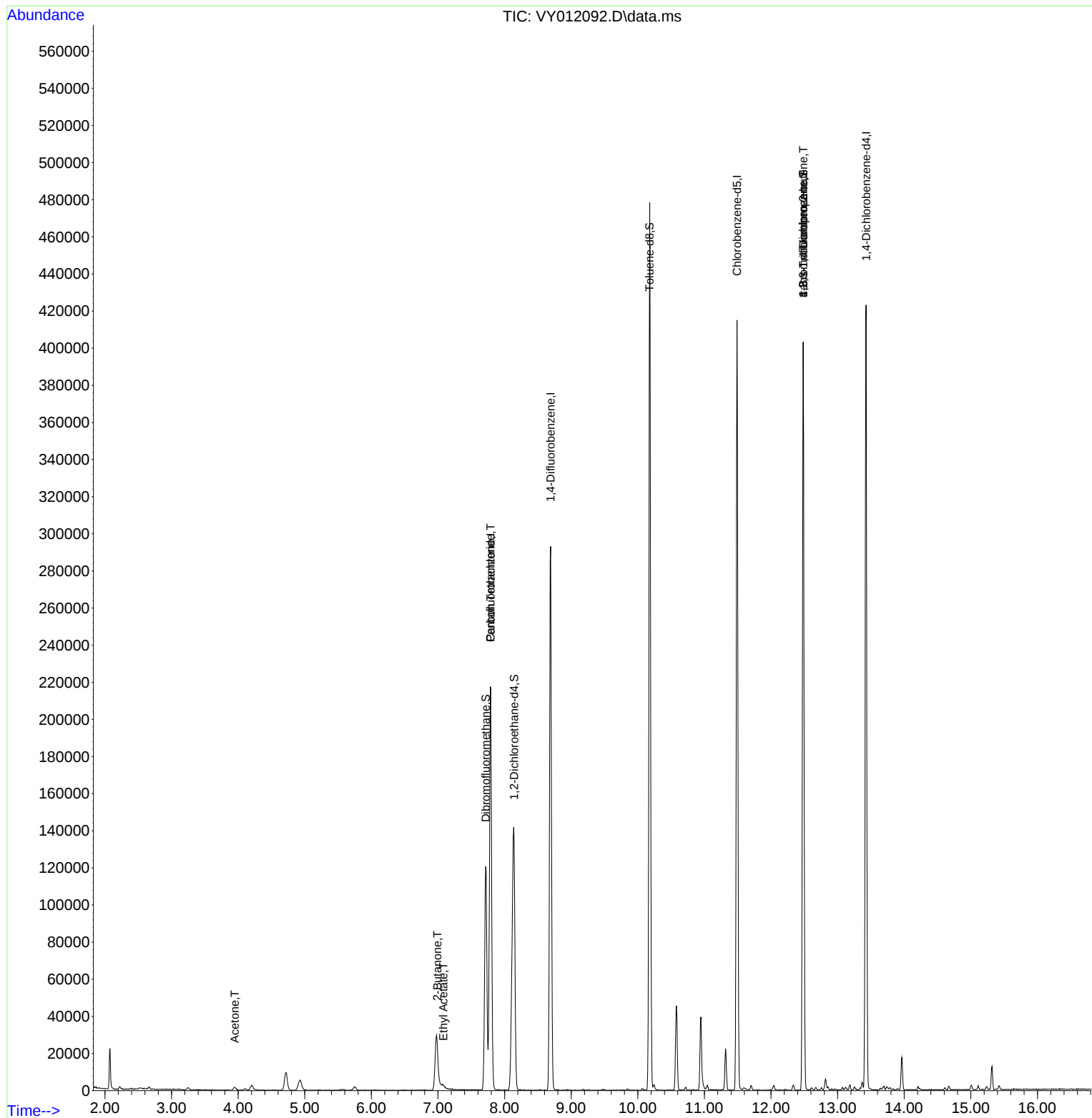
Internal Standards						
1) Pentafluorobenzene	7.789	168	167331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93378	49.663	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	99.320%	
35) Dibromofluoromethane	7.716	113	83952	49.731	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	99.460%	
50) Toluene-d8	10.179	98	308943	46.366	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	92.740%	
62) 4-Bromofluorobenzene	12.483	95	106222	45.608	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	91.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	144	Below Cal	#	41
3) Chloromethane	2.119	50	266	Below Cal	#	73
5) Bromomethane	2.668	94	478	Below Cal	#	69
11) Tert butyl alcohol	4.930	59	5580	Below Cal	#	74
16) Acetone	3.948	43	2683	6.066 ug/l	#	84
17) Carbon Disulfide	4.192	76	22	Below Cal	#	75
20) Methylene Chloride	4.716	84	7874	Below Cal		91
25) 2-Butanone	6.990	43	2755	4.721 ug/l		91
31) Cyclohexane	7.783	56	3423	Below Cal	#	1
37) Ethyl Acetate	7.082	43	2364	1.724 ug/l	#	77
38) Carbon Tetrachloride	7.789	117	16508	5.078 ug/l	#	18
76) 1,2,3-Trichloropropane	12.483	75	56813	43.369 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56813	96.317 ug/l	#	13

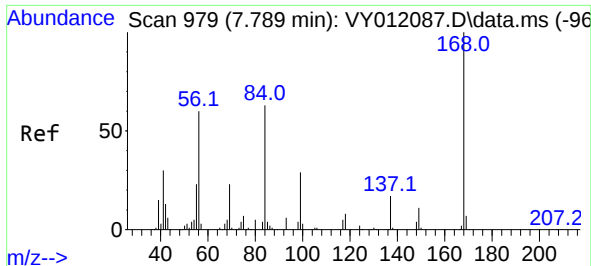
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
Data File : VY012092.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
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VY0106SBL01

Quant Time: Jan 07 01:48:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 2023
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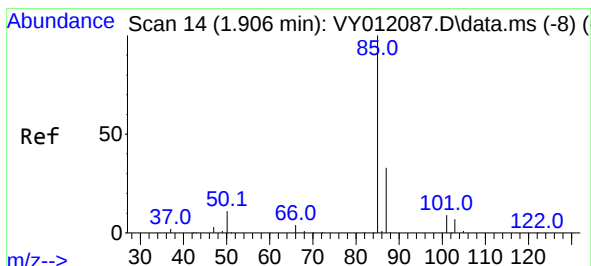
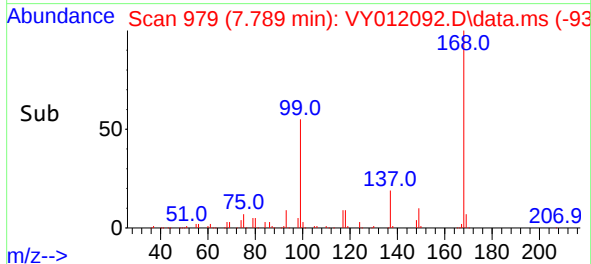
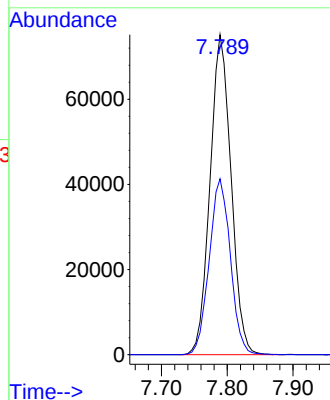
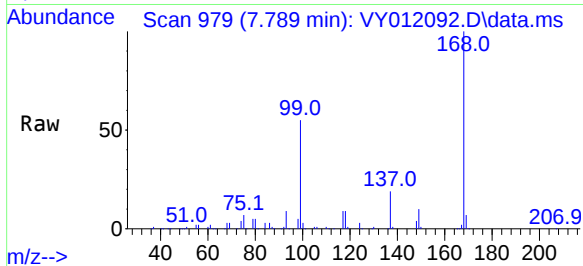




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

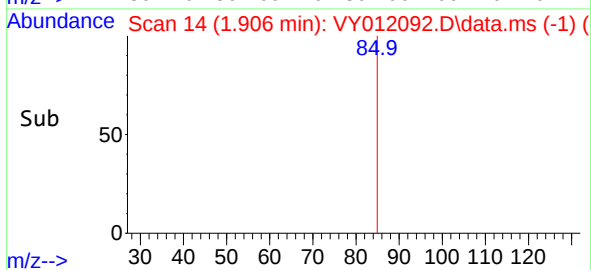
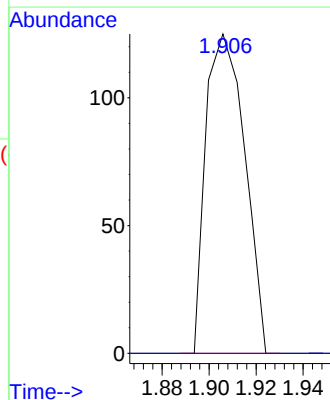
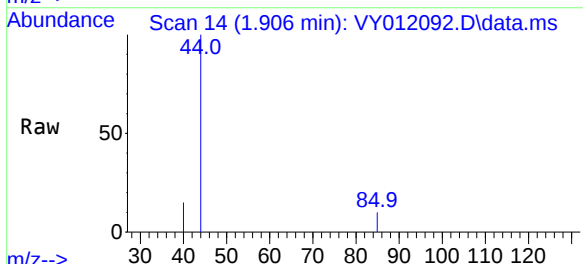
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

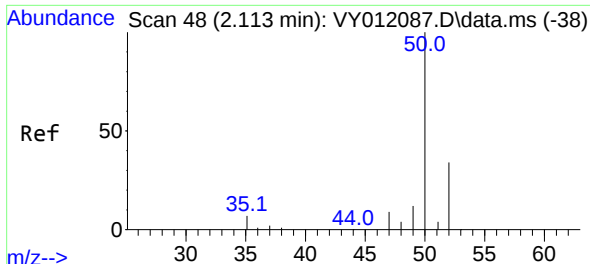
Tgt Ion:168 Resp: 167331
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 85 Resp: 144
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

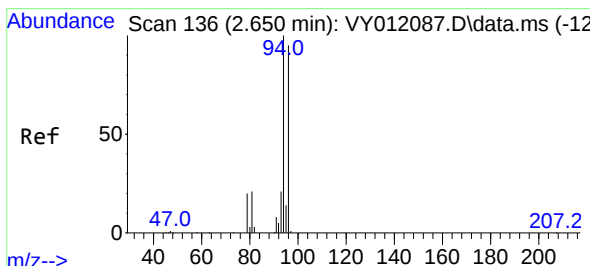
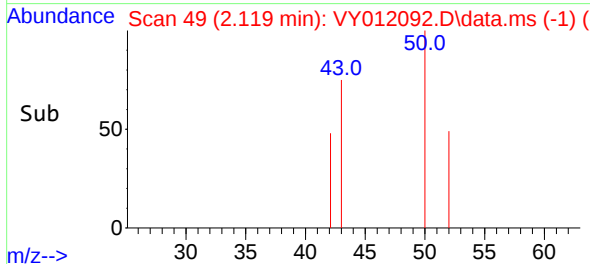
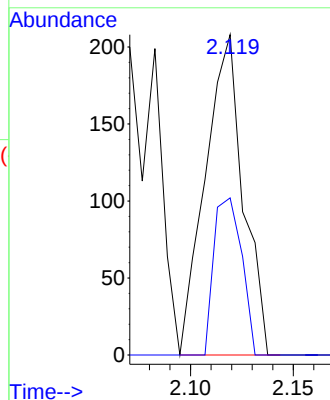
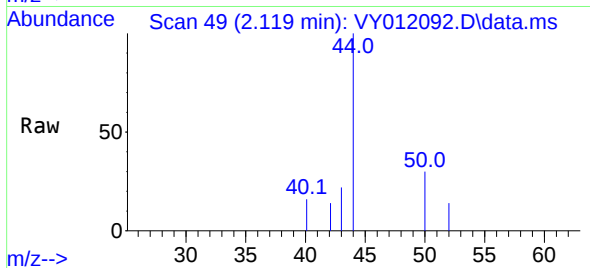




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

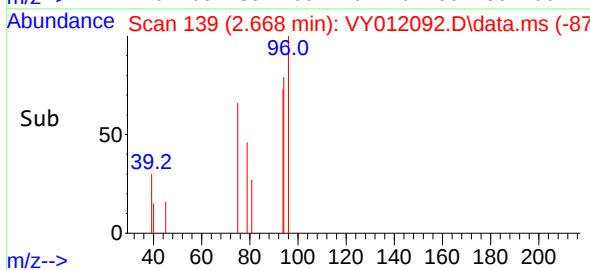
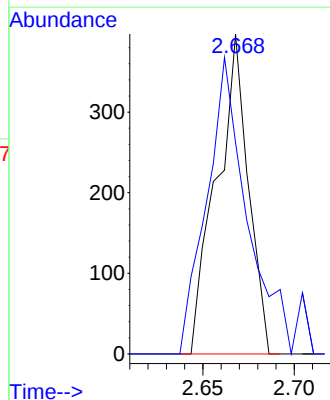
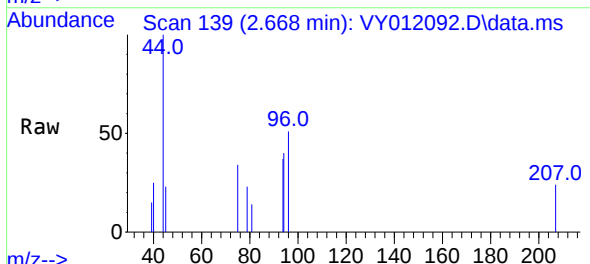
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

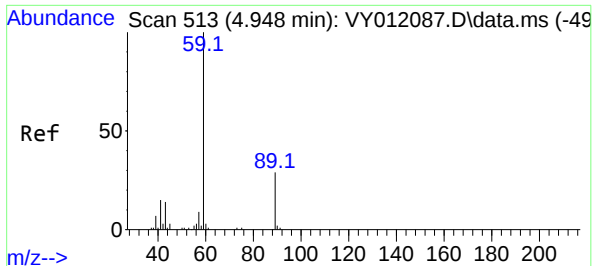
Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 49.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 66.0 77.4 116.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY012092.D

Acq: 06 Jan 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

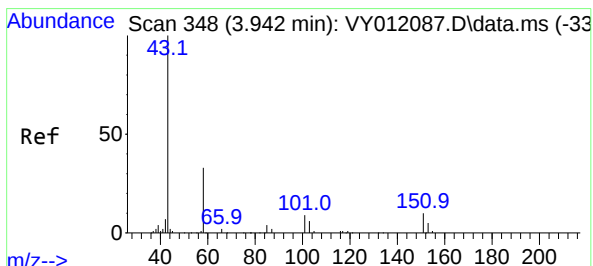
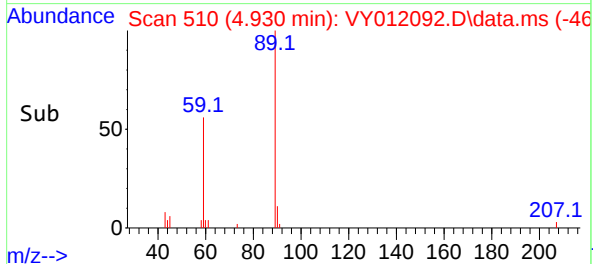
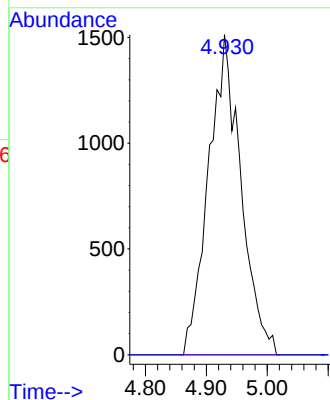
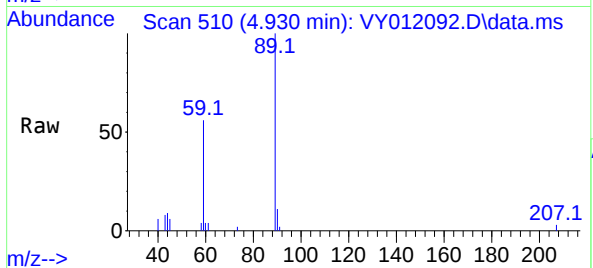
VY0106SBL01

Tgt Ion: 59 Resp: 5580

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 6.066 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY012092.D

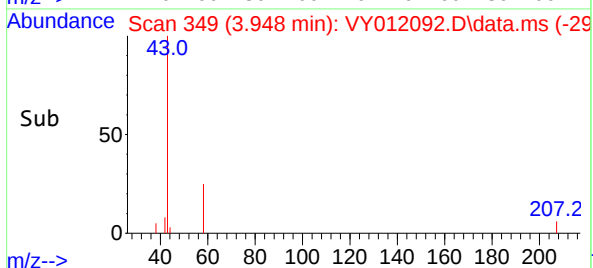
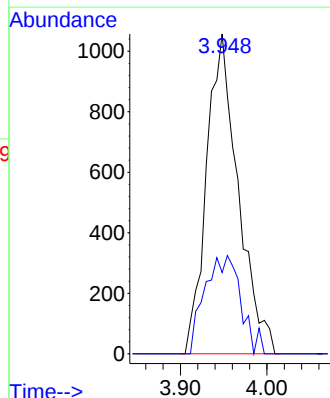
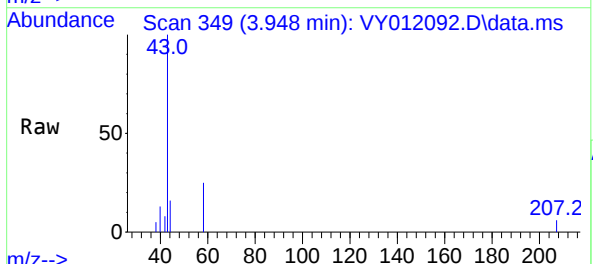
Acq: 06 Jan 2023 15:28

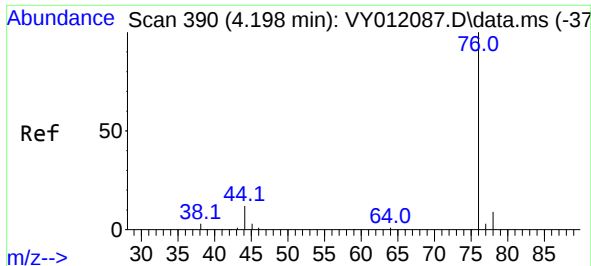
Tgt Ion: 43 Resp: 2683

Ion Ratio Lower Upper

43 100

58 25.4 27.9 41.9#

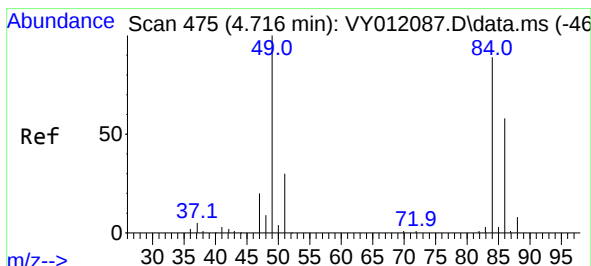
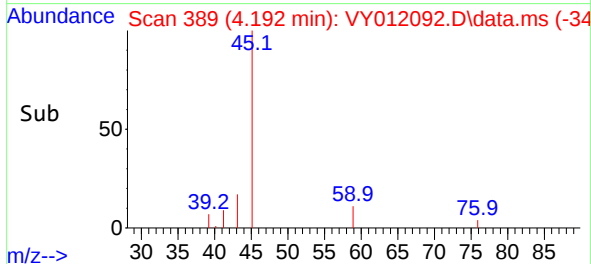
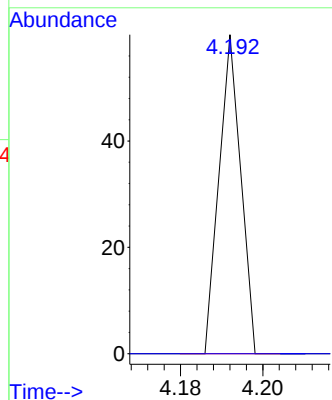
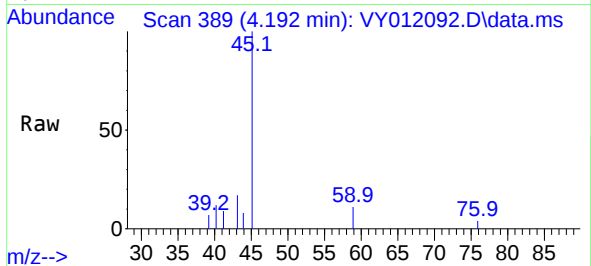




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

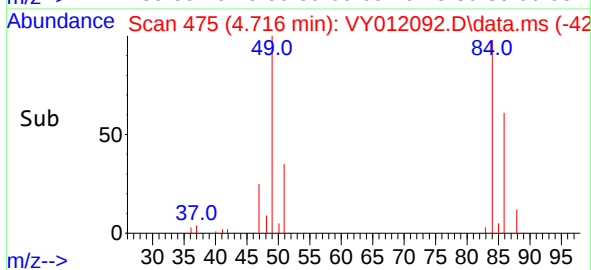
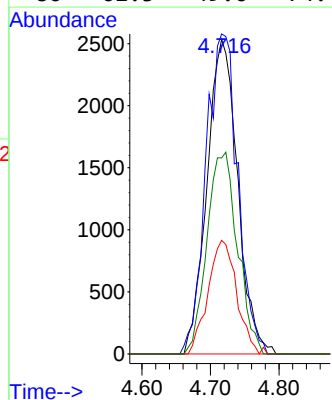
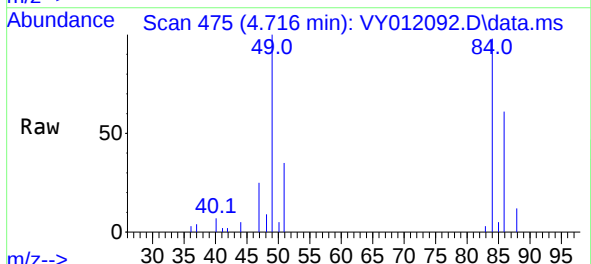
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

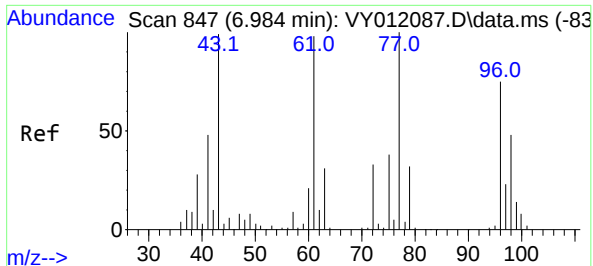
Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 84 Resp: 7874
Ion Ratio Lower Upper
84 100
49 101.7 95.4 143.2
51 36.1 29.9 44.9
86 62.3 49.6 74.4





#25

2-Butanone

Concen: 4.721 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012092.D

Acq: 06 Jan 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

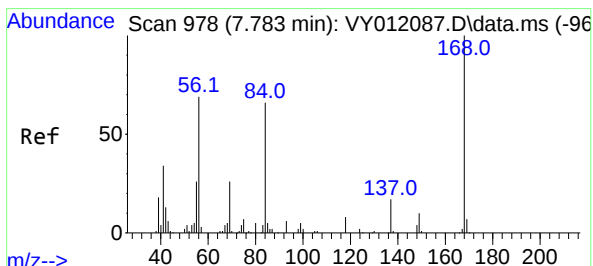
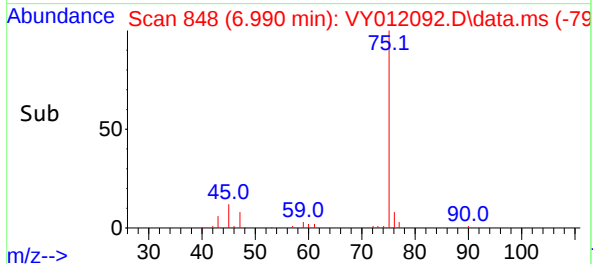
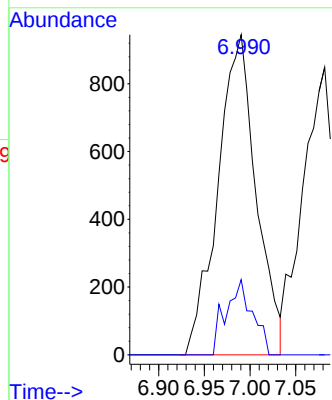
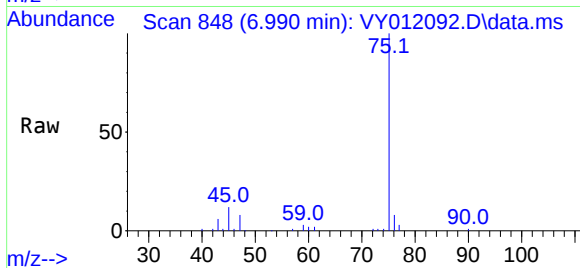
VY0106SBL01

Tgt Ion: 43 Resp: 2755

Ion Ratio Lower Upper

43 100

72 23.5 22.6 34.0



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012092.D

Acq: 06 Jan 2023 15:28

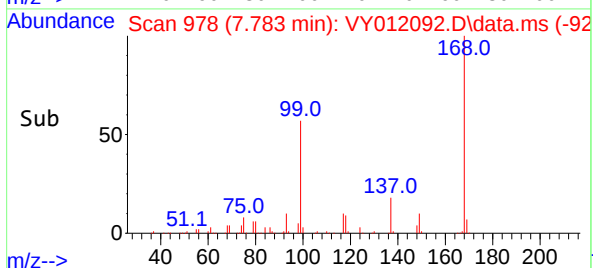
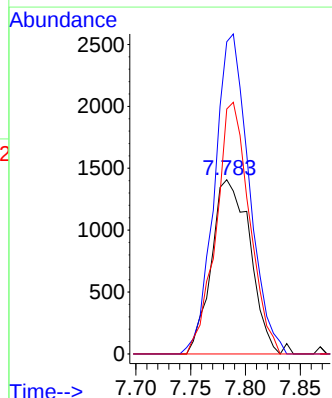
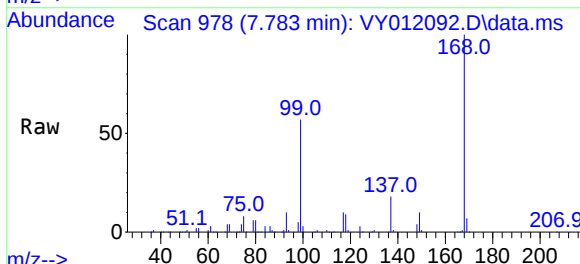
Tgt Ion: 56 Resp: 3423

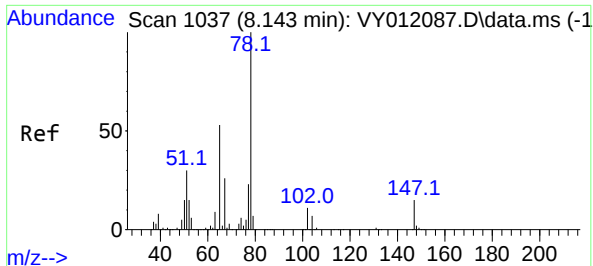
Ion Ratio Lower Upper

56 100

69 179.2 29.2 43.8#

84 140.7 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 49.663 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012092.D

Acq: 06 Jan 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

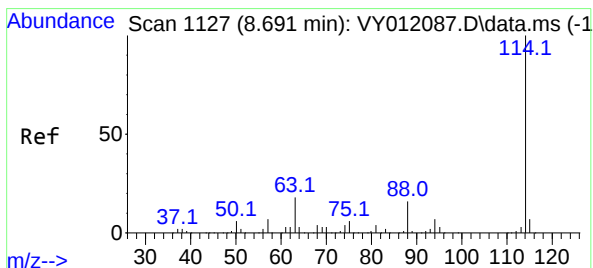
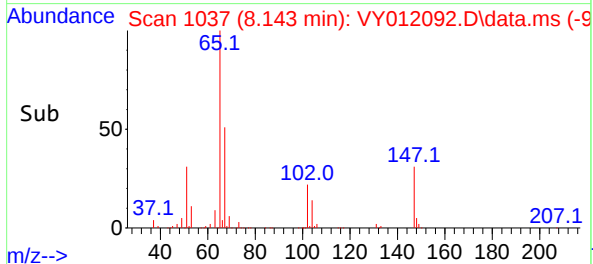
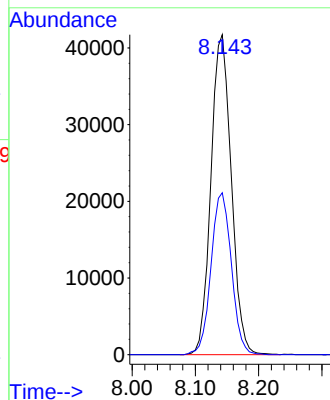
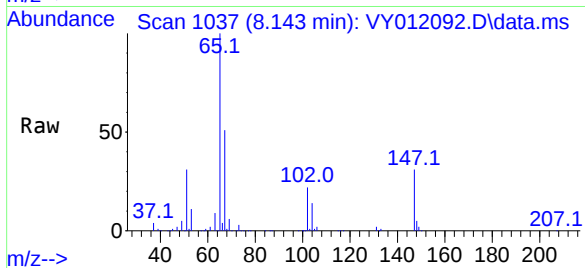
VY0106SBL01

Tgt Ion: 65 Resp: 93378

Ion Ratio Lower Upper

65 100

67 50.6 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: VY012092.D

Acq: 06 Jan 2023 15:28

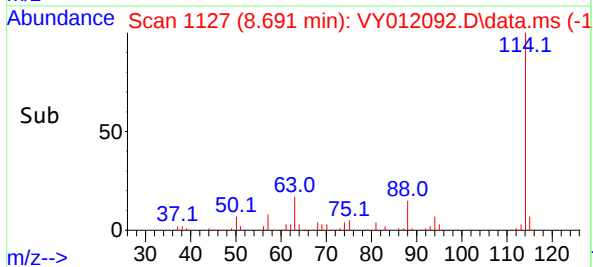
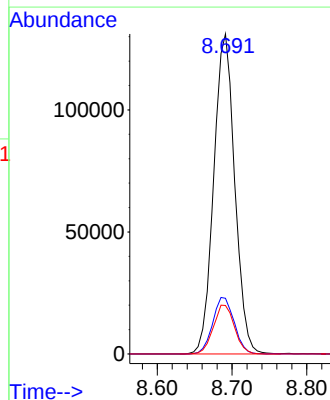
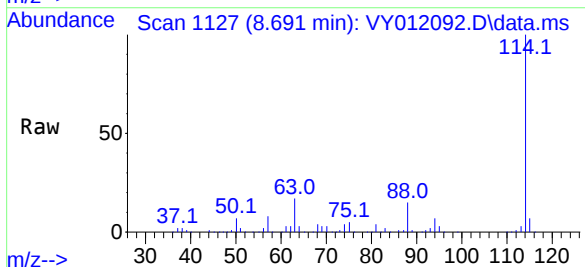
Tgt Ion: 114 Resp: 256835

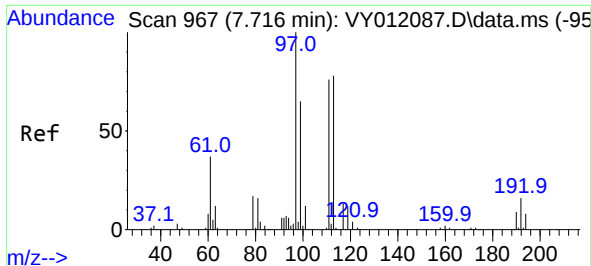
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.2 0.0 32.2

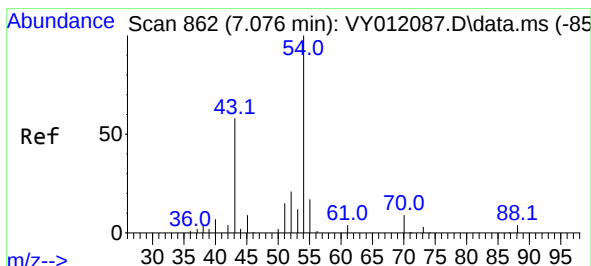
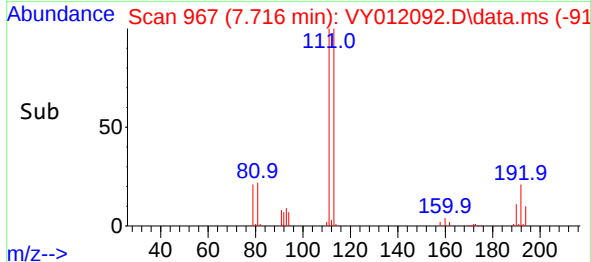
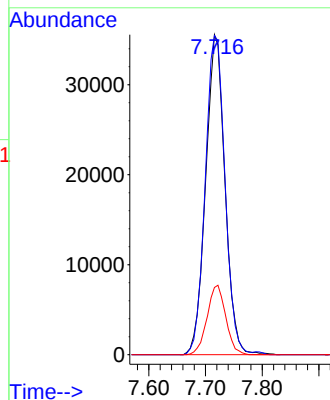
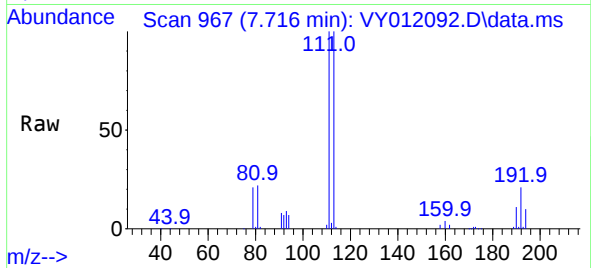




#35
Dibromofluoromethane
Concen: 49.731 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

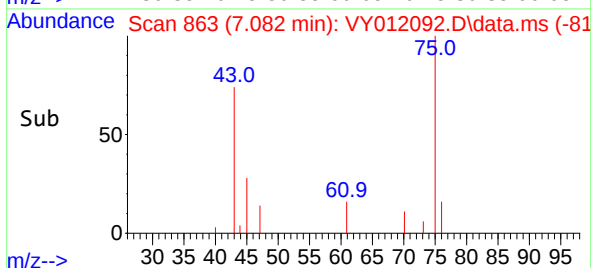
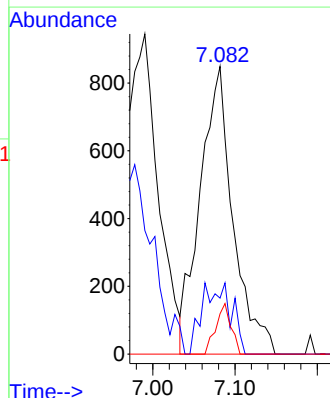
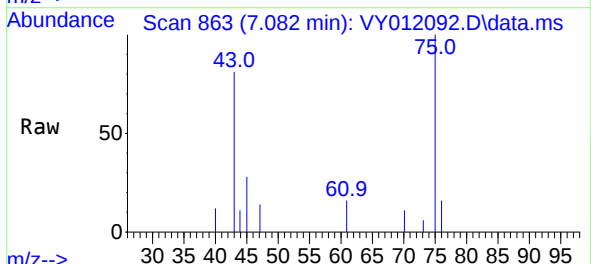
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

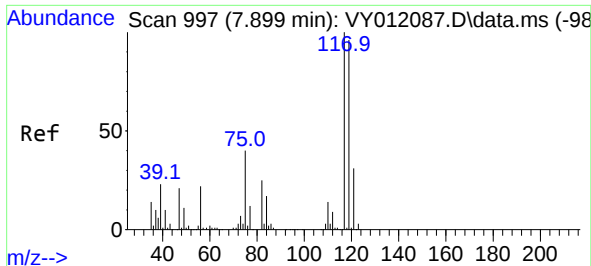
Tgt Ion:113 Resp: 83952
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 21.0 16.0 24.0



#37
Ethyl Acetate
Concen: 1.724 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 8.1 8.2 12.4#

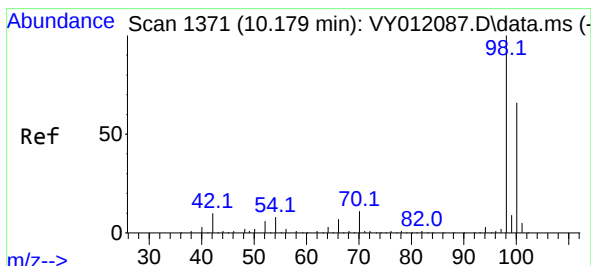
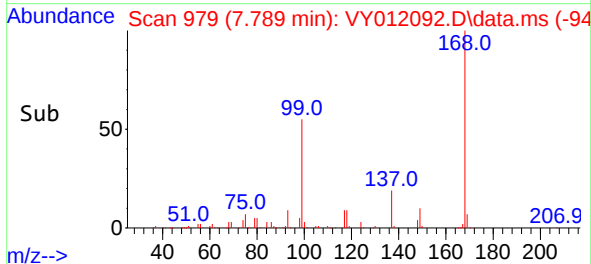
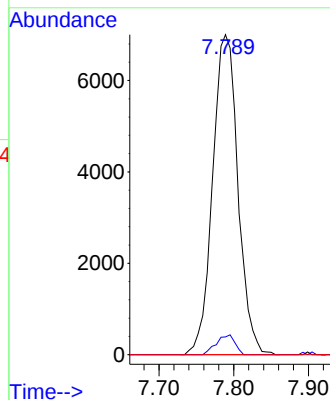
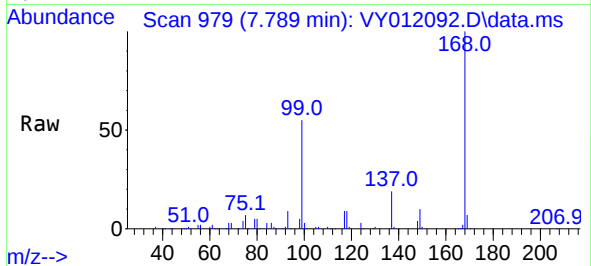




#38
Carbon Tetrachloride
Concen: 5.078 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

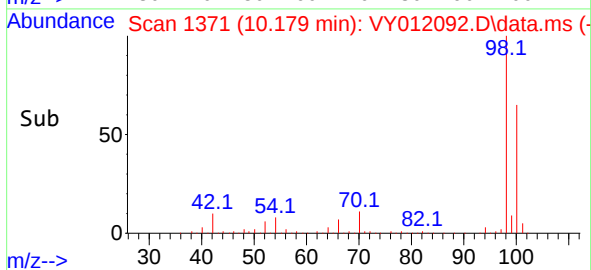
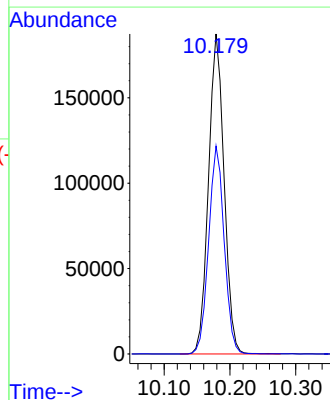
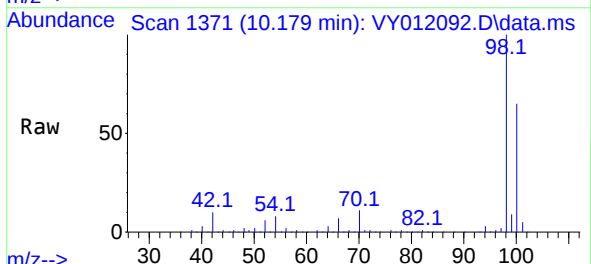
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

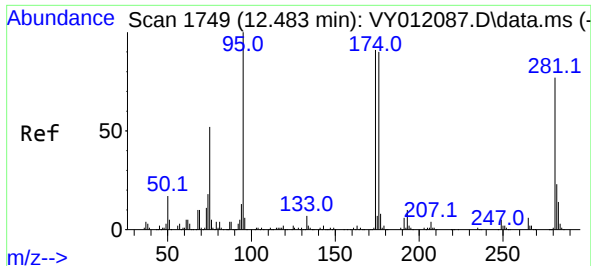
Tgt Ion:117 Resp: 16508
Ion Ratio Lower Upper
117 100
119 5.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 46.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 98 Resp: 308943
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

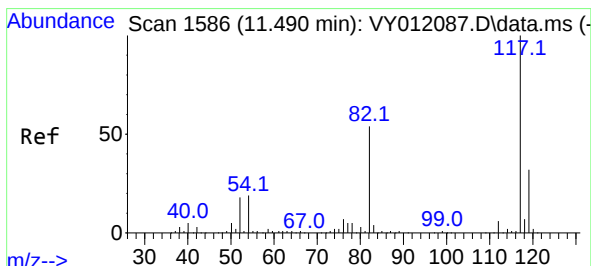
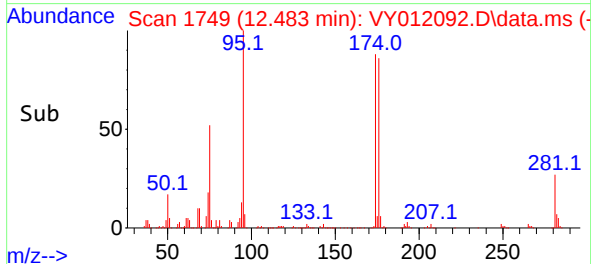
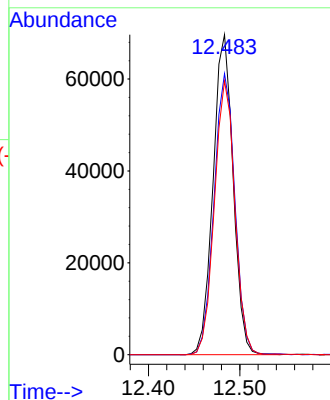
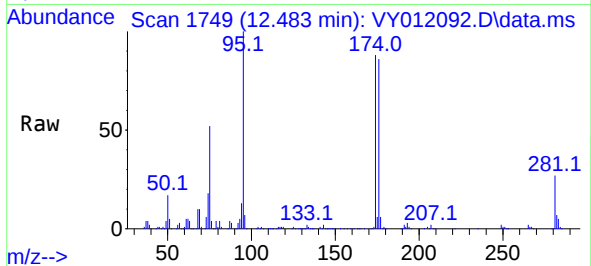




#62
4-Bromofluorobenzene
Concen: 45.608 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

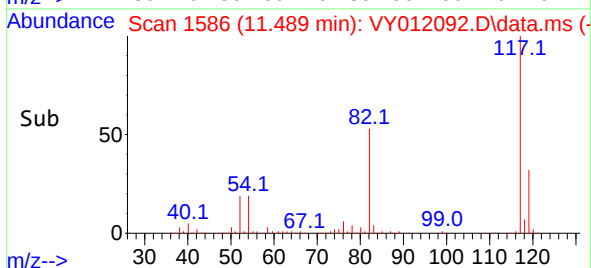
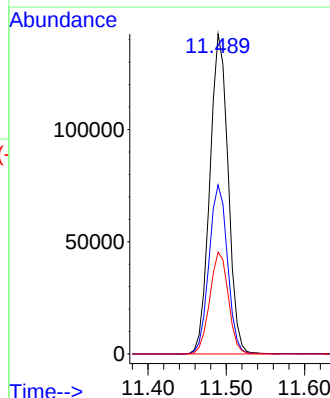
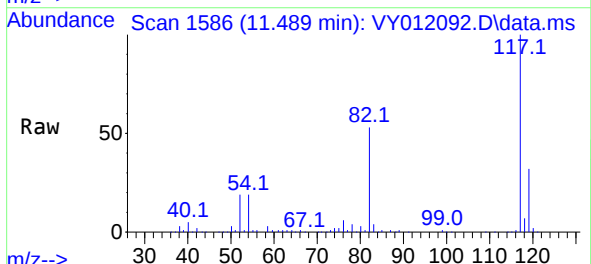
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

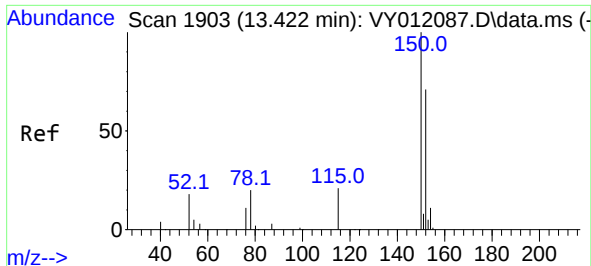
Tgt Ion: 95 Resp: 106222
Ion Ratio Lower Upper
95 100
174 91.2 0.0 172.0
176 87.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 117 Resp: 231384
Ion Ratio Lower Upper
117 100
82 52.8 44.8 67.2
119 31.8 25.4 38.2

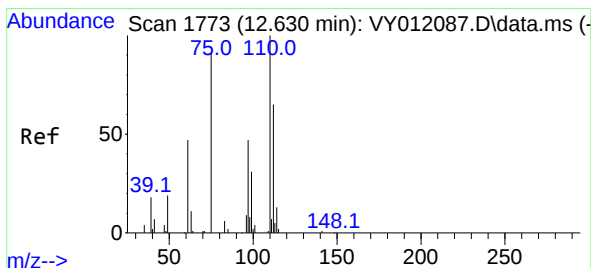
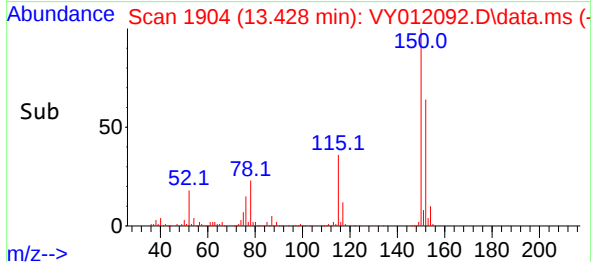
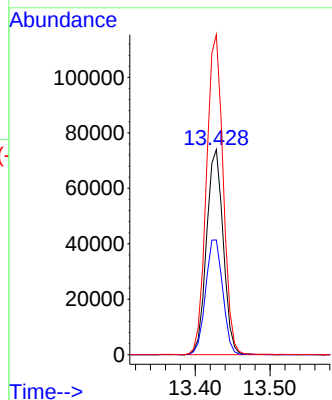
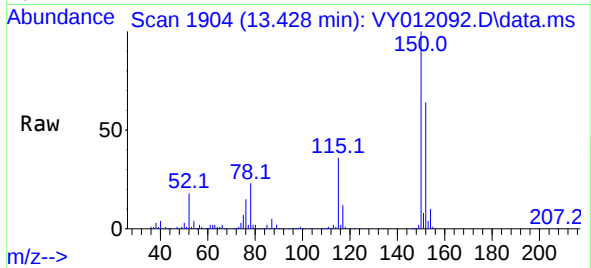




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

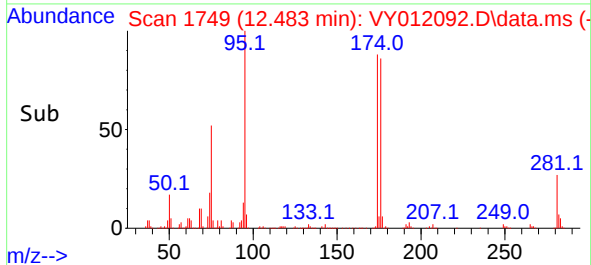
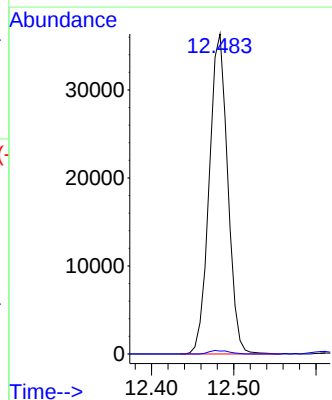
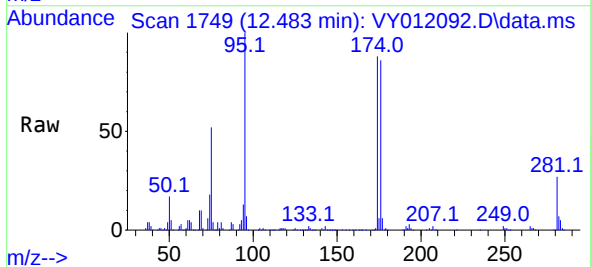
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

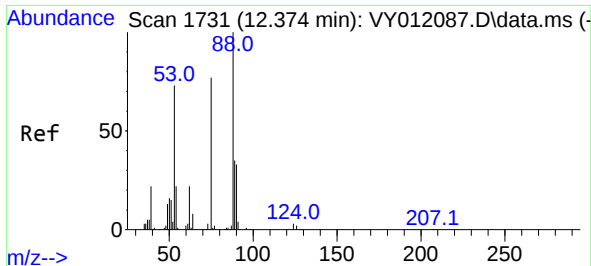
Tgt Ion:152 Resp: 114729
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 156.1 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 43.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012092.D
Acq: 06 Jan 2023 15:28

Tgt Ion: 75 Resp: 56813
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.317 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012092.D
 Acq: 06 Jan 2023 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBL01

Tgt Ion: 75 Resp: 56813
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

