

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012183.D
 Acq On : 13 Jan 2023 10:50
 Operator : KP/MD
 Sample : VY0113SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBL01

Quant Time: Jan 16 08:16:40 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)

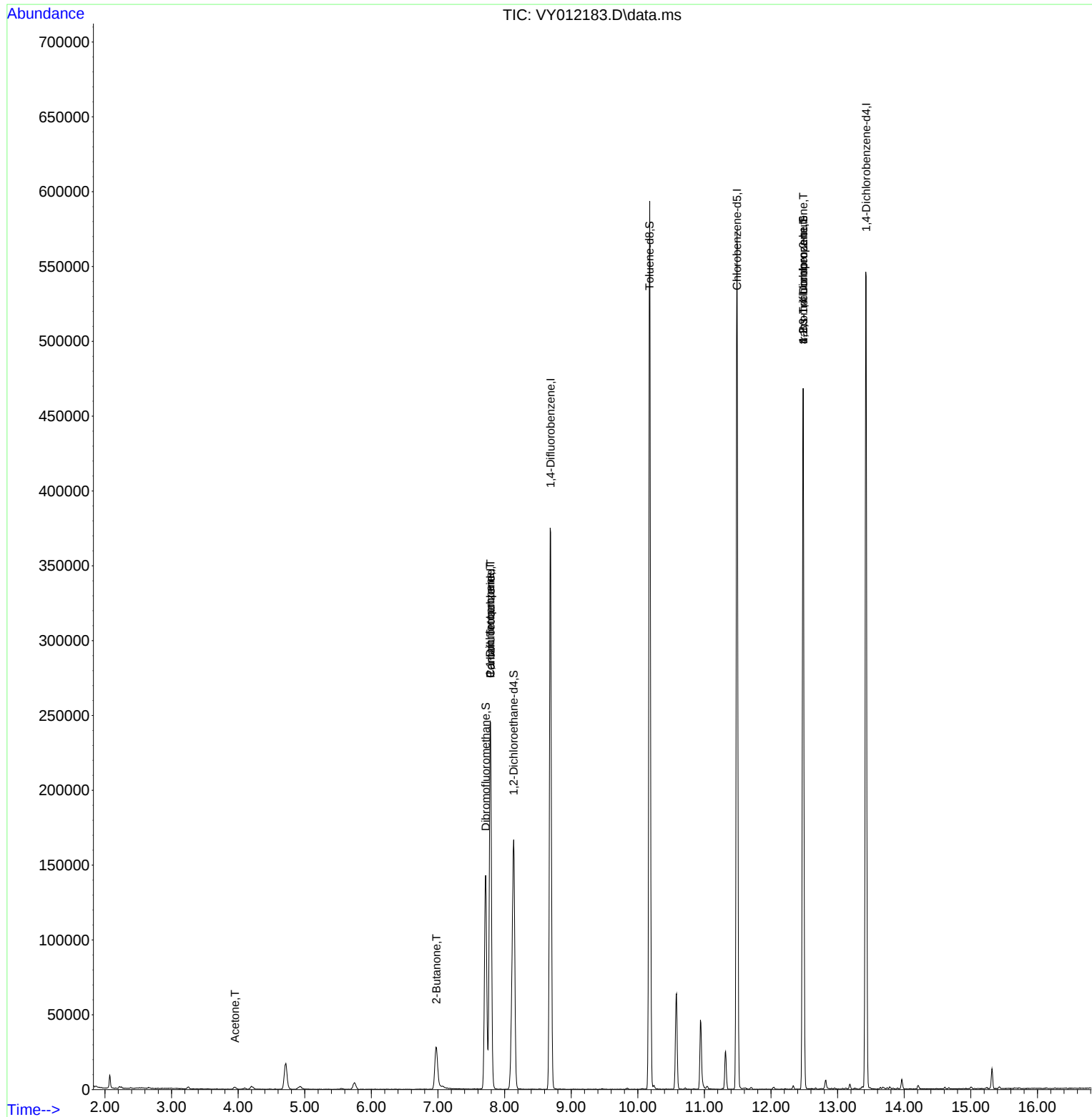
Internal Standards						
1) Pentafluorobenzene	7.789	168	199065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116038	51.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.716	113	100305	45.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.980%	
50) Toluene-d8	10.179	98	392931	45.646	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.300%	
62) 4-Bromofluorobenzene	12.483	95	132575	44.060	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	106	Below Cal	#	41
3) Chloromethane	2.119	50	308	Below Cal	#	85
5) Bromomethane	2.656	94	413	Below Cal	#	60
11) Tert butyl alcohol	4.930	59	2432	Below Cal	#	74
16) Acetone	3.954	43	2490	4.732	ug/l	89
25) 2-Butanone	6.978	43	2326	3.350	ug/l	95
31) Cyclohexane	7.783	56	3566	Below Cal	#	9
36) 1,1-Dichloropropene	7.783	75	13758	4.158	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19515	4.647	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	70492	41.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70492	91.332	ug/l #	13

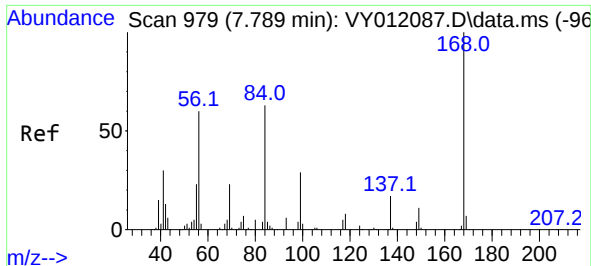
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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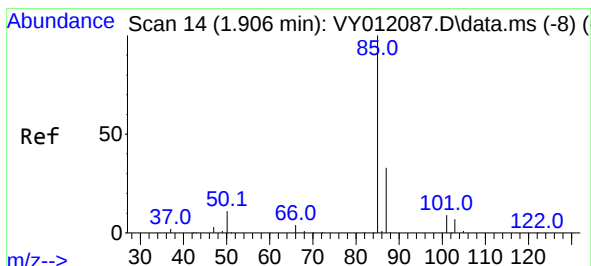
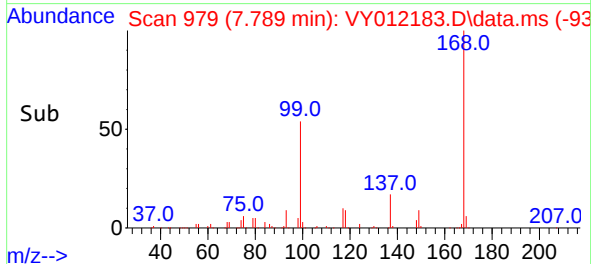
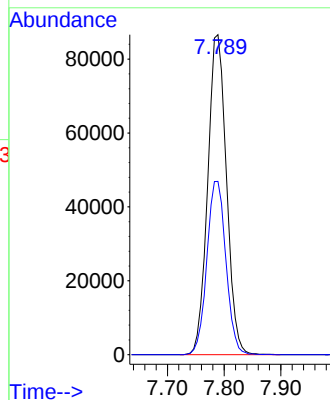
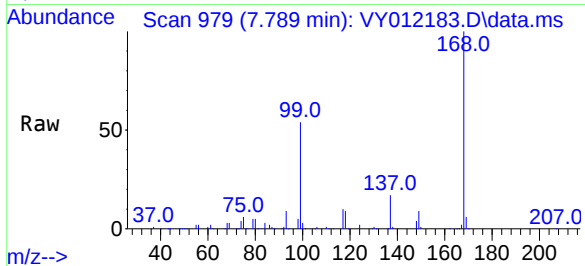




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

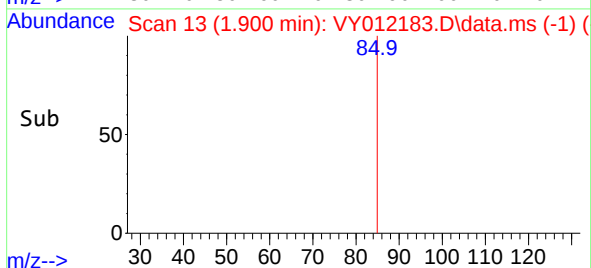
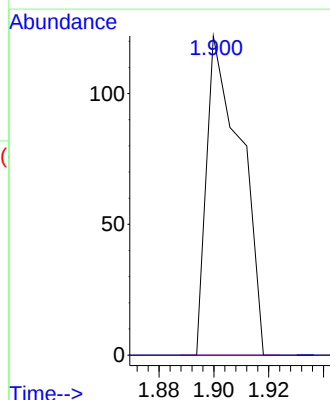
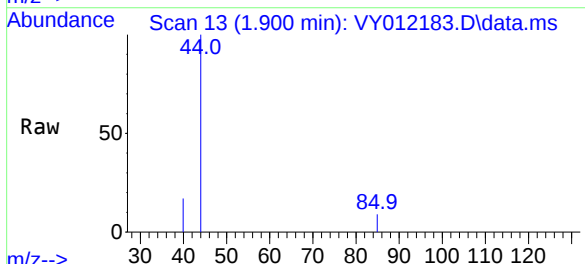
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

Tgt Ion:168 Resp: 199065
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0

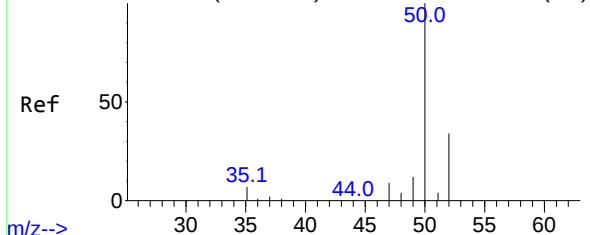


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

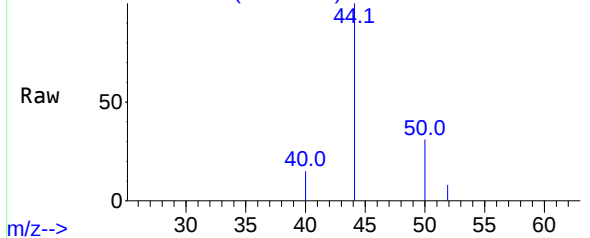
Tgt Ion: 85 Resp: 106
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



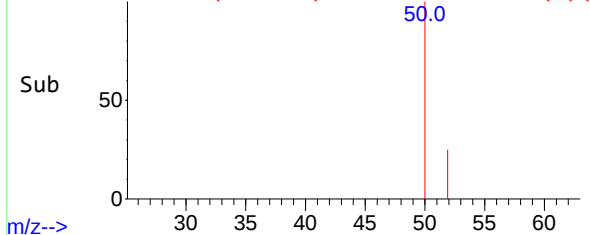
Abundance Scan 48 (2.113 min): VY012087.D\data.ms (-38)



Abundance Scan 49 (2.119 min): VY012183.D\data.ms



Abundance Scan 49 (2.119 min): VY012183.D\data.ms (-1)



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY012183.D

Acq: 13 Jan 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0113SBL01

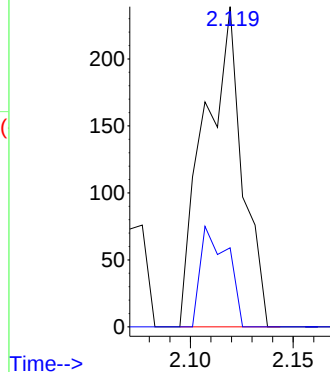
Tgt Ion: 50 Resp: 308

Ion Ratio Lower Upper

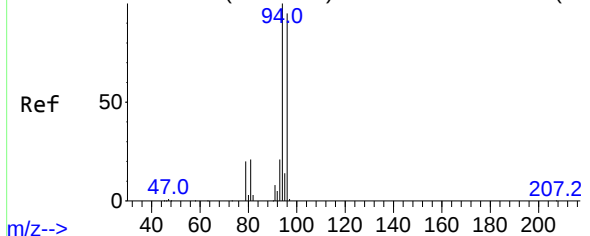
50 100

52 24.7 26.8 40.2#

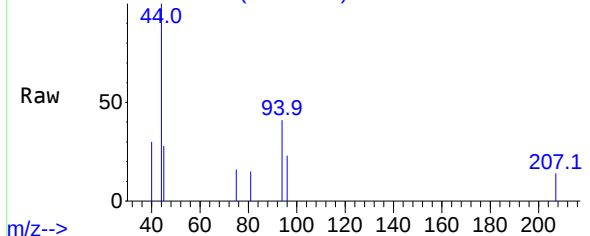
Abundance



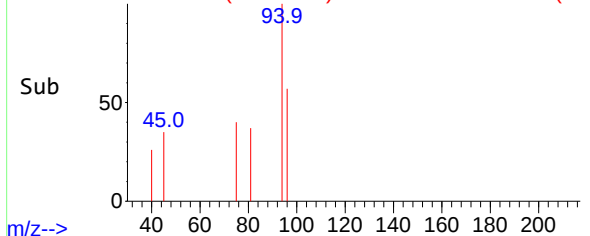
Abundance Scan 136 (2.650 min): VY012087.D\data.ms (-12)



Abundance Scan 137 (2.656 min): VY012183.D\data.ms



Abundance Scan 137 (2.656 min): VY012183.D\data.ms (-87)



#5

Bromomethane

Concen: Below Cal

RT: 2.656 min Scan# 137

Delta R.T. 0.006 min

Lab File: VY012183.D

Acq: 13 Jan 2023 10:50

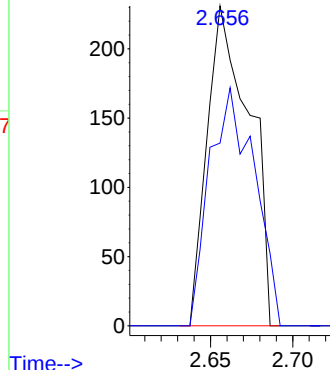
Tgt Ion: 94 Resp: 413

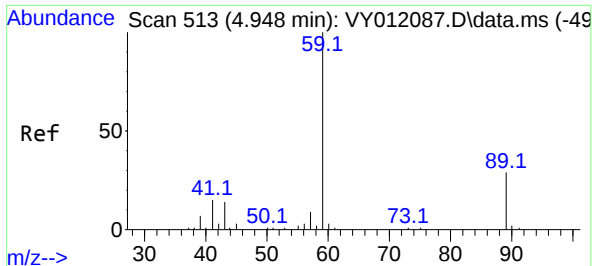
Ion Ratio Lower Upper

94 100

96 57.1 77.4 116.2#

Abundance

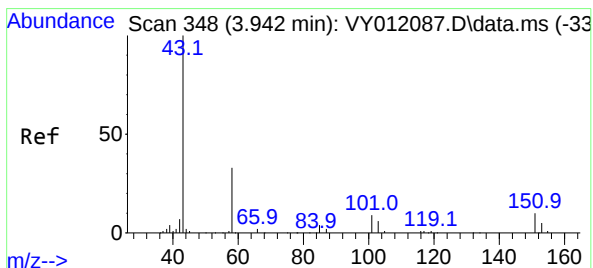
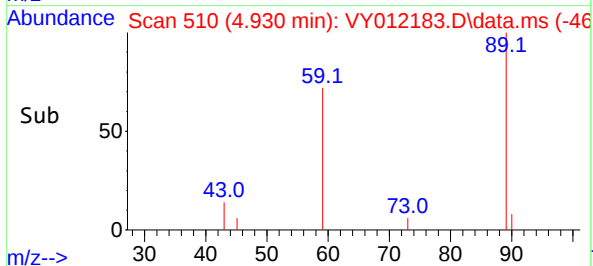
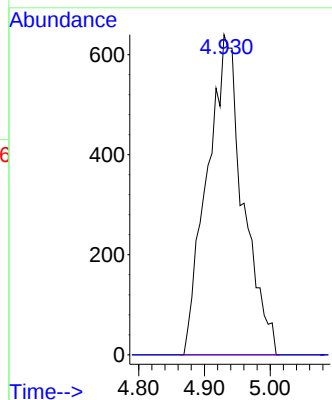
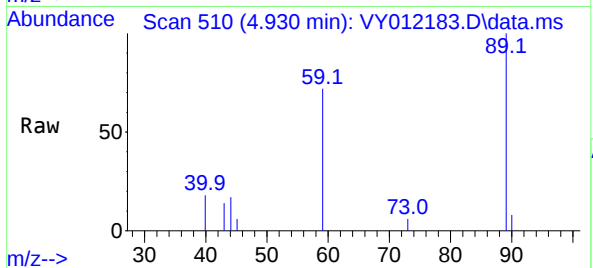




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

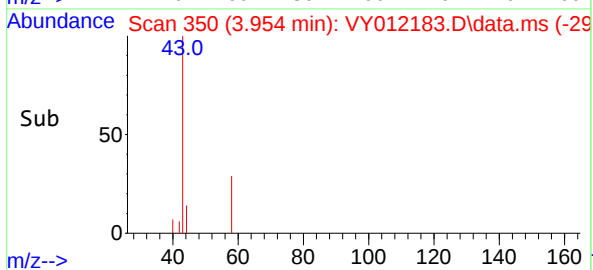
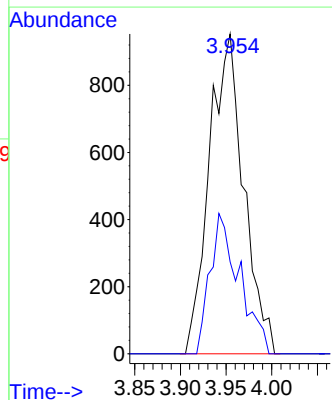
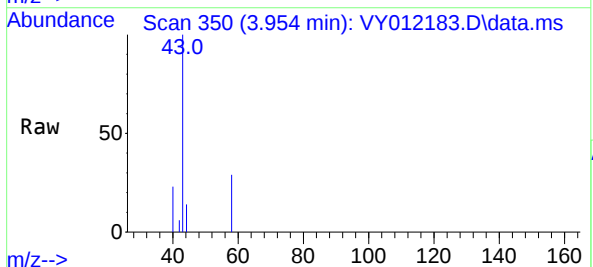
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

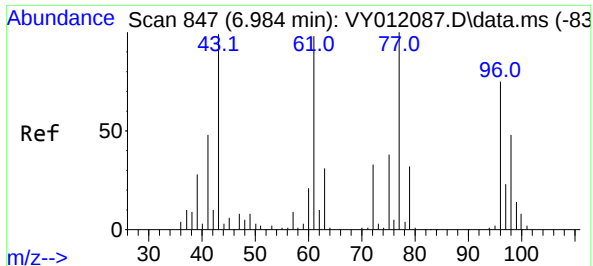
Tgt Ion: 59 Resp: 2432
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 4.732 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
58 28.8 27.9 41.9





#25

2-Butanone

Concen: 3.350 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012183.D

Acq: 13 Jan 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

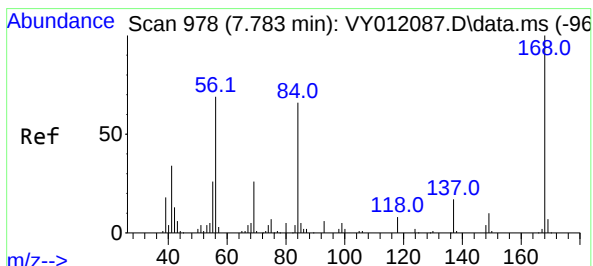
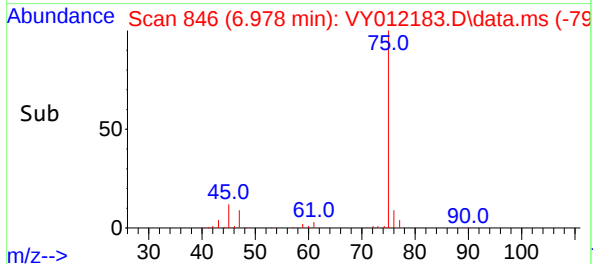
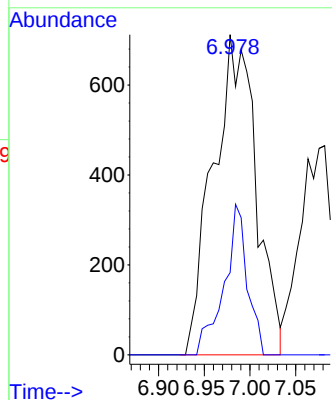
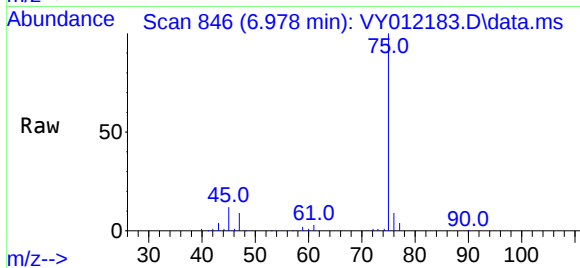
VY0113SBL01

Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

72 25.7 22.6 34.0



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012183.D

Acq: 13 Jan 2023 10:50

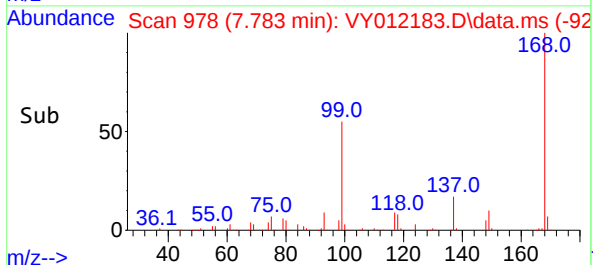
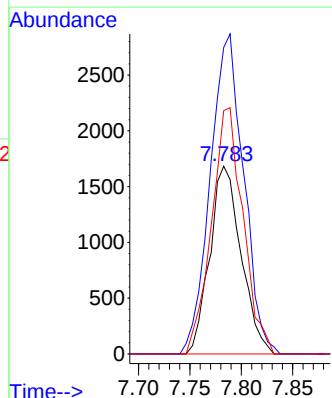
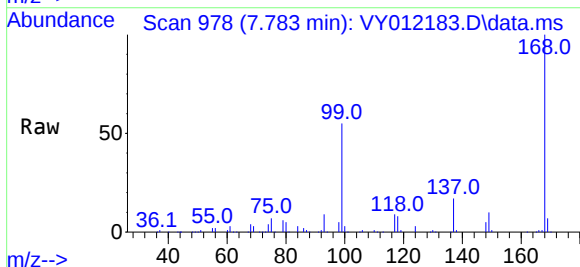
Tgt Ion: 56 Resp: 3566

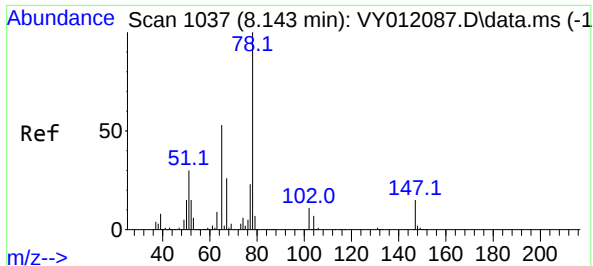
Ion Ratio Lower Upper

56 100

69 163.2 29.2 43.8#

84 129.5 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 51.876 ug/l

RT: 8.136 min Scan# 116038

Delta R.T. -0.007 min

Lab File: VY012183.D

Acq: 13 Jan 2023 10:50

Instrument :

MSVOA_Y

ClientSampleId :

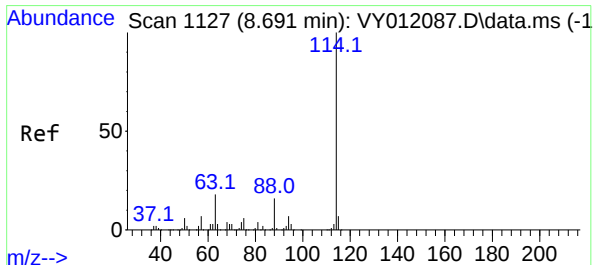
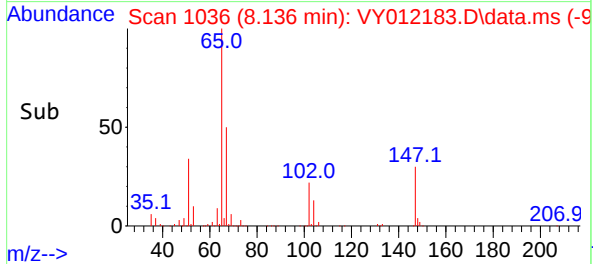
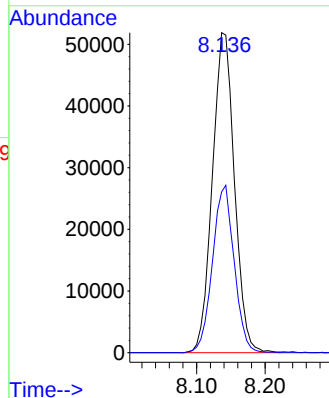
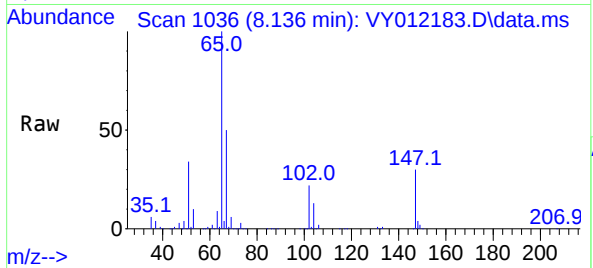
VY0113SBL01

Tgt Ion: 65 Resp: 116038

Ion Ratio Lower Upper

65 100

67 51.4 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: VY012183.D

Acq: 13 Jan 2023 10:50

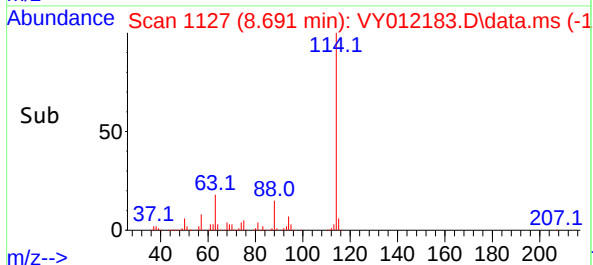
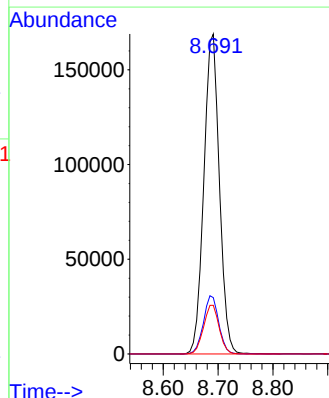
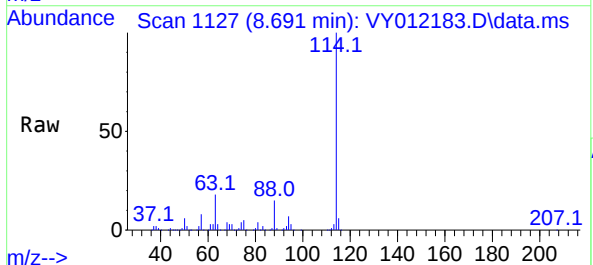
Tgt Ion: 114 Resp: 331813

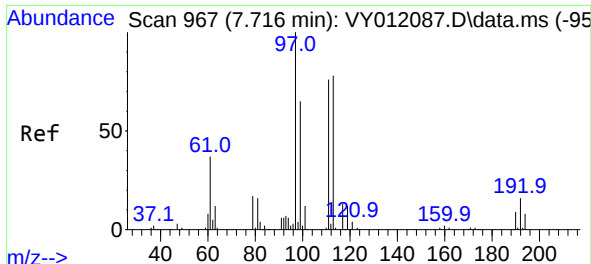
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.2 0.0 32.2

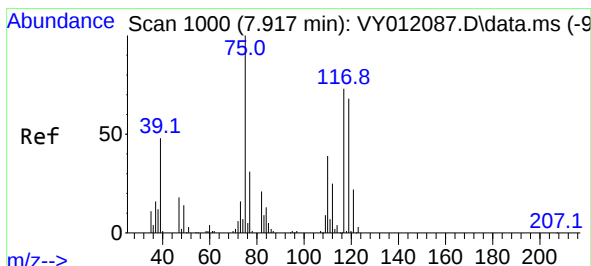
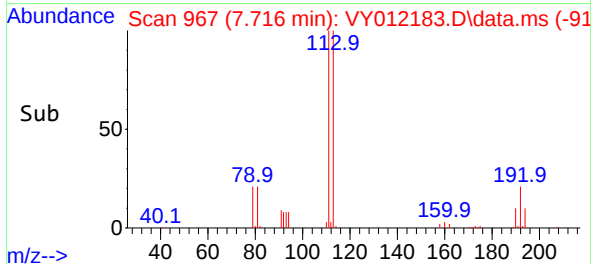
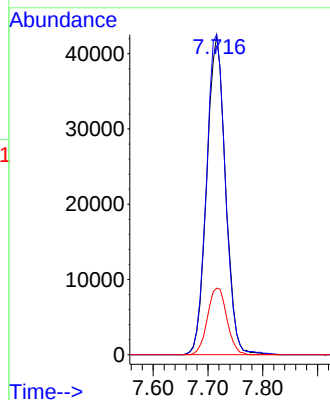
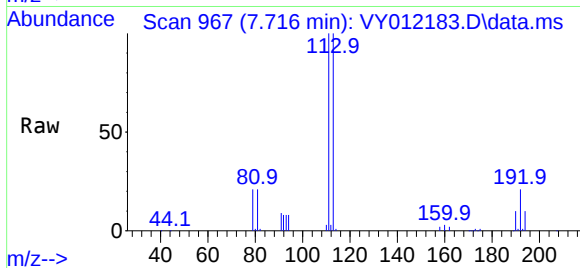




#35
Dibromofluoromethane
Concen: 45.991 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

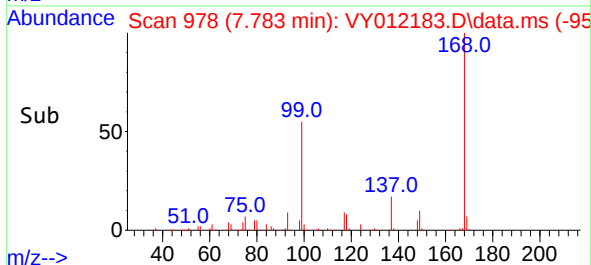
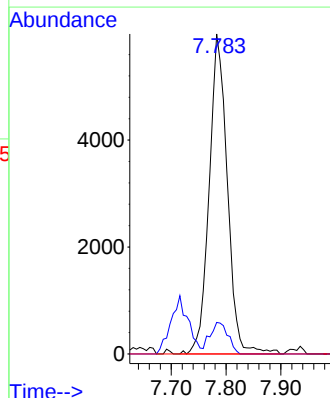
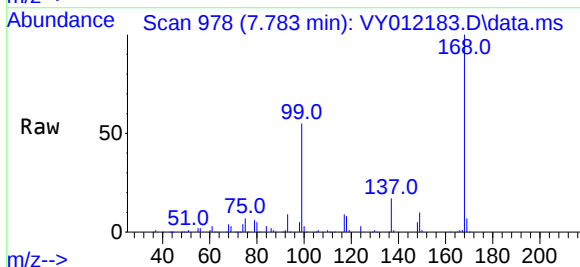
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VY0113SBL01

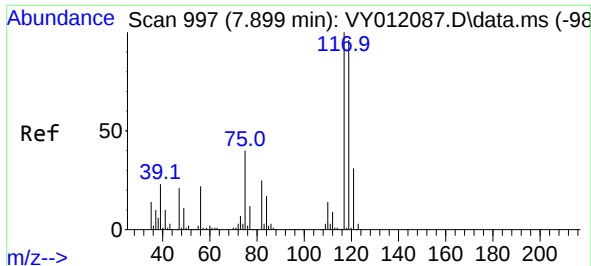
Tgt Ion:113 Resp: 100305
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.158 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

Tgt Ion: 75 Resp: 13758
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.1#
77 0.0 25.1 37.7#

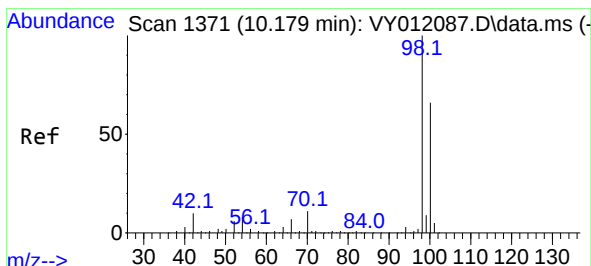
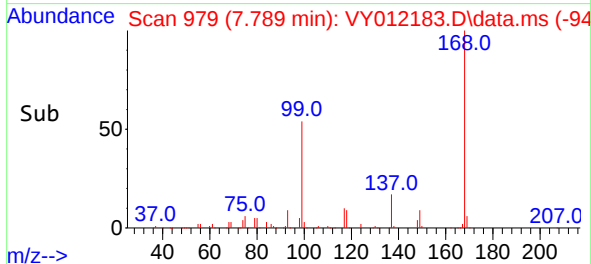
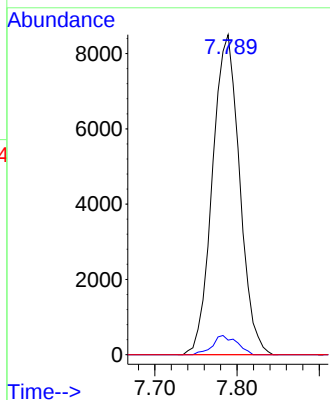
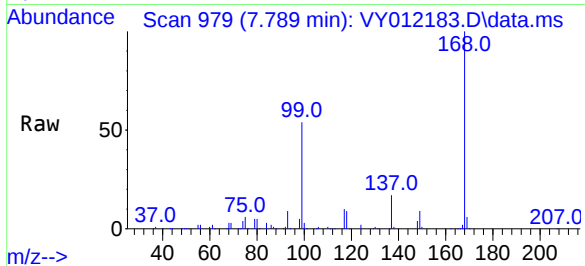




#38
Carbon Tetrachloride
Concen: 4.647 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

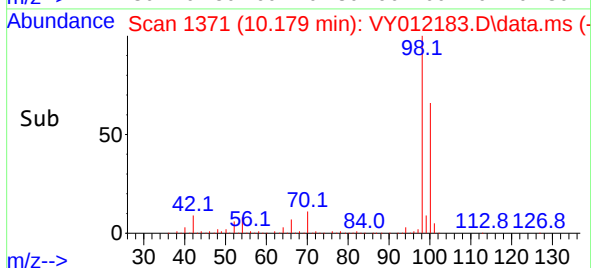
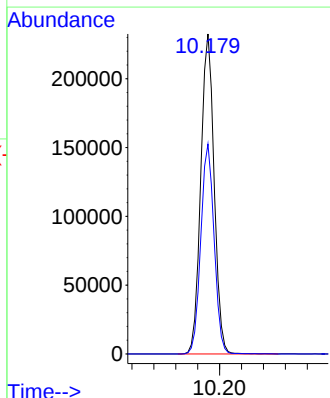
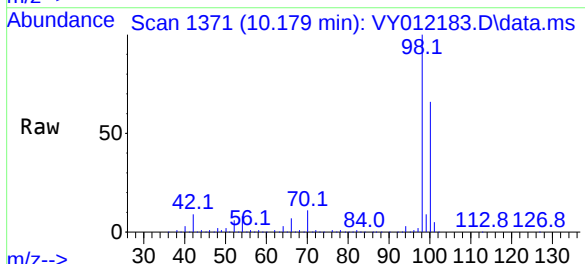
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

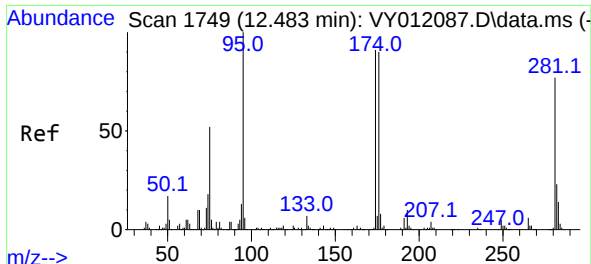
Tgt Ion:117 Resp: 19515
Ion Ratio Lower Upper
117 100
119 4.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 45.646 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

Tgt Ion: 98 Resp: 392931
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

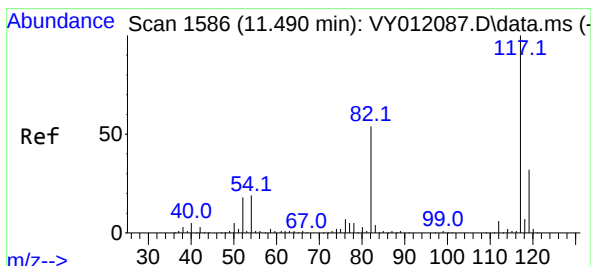
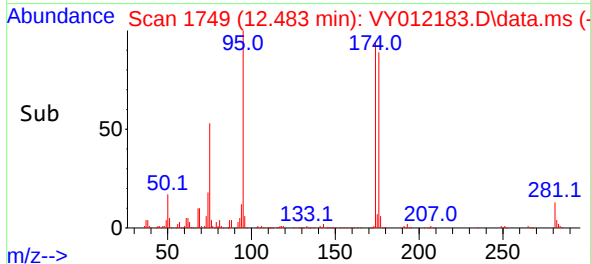
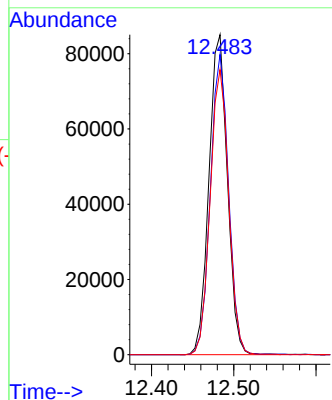
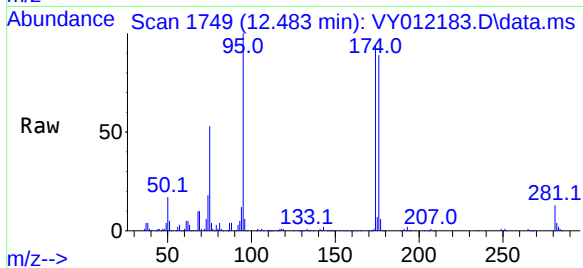




#62
4-Bromofluorobenzene
Concen: 44.060 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

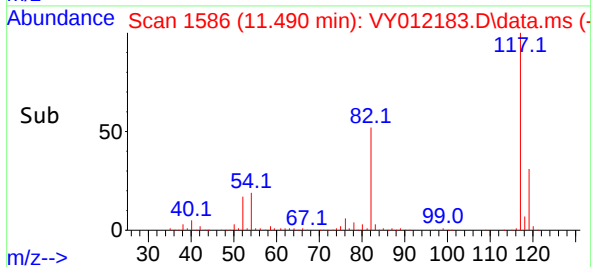
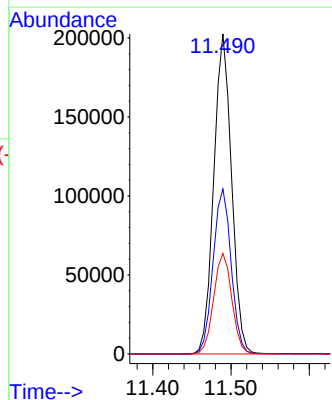
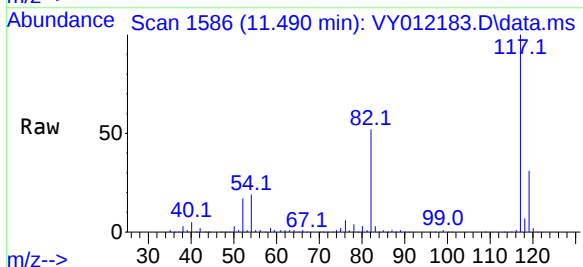
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

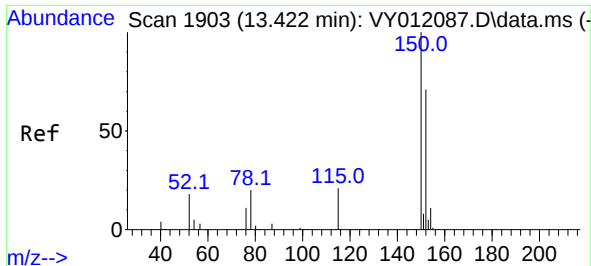
Tgt Ion: 95 Resp: 132575
Ion Ratio Lower Upper
95 100
174 92.6 0.0 172.0
176 89.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

Tgt Ion: 117 Resp: 319788
Ion Ratio Lower Upper
117 100
82 51.6 44.8 67.2
119 31.4 25.4 38.2

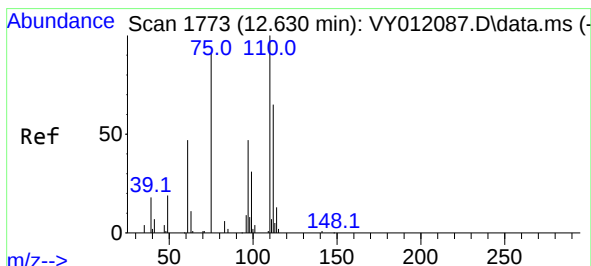
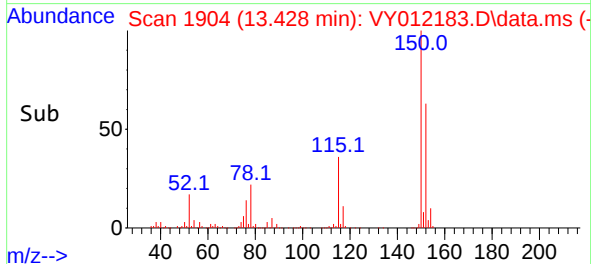
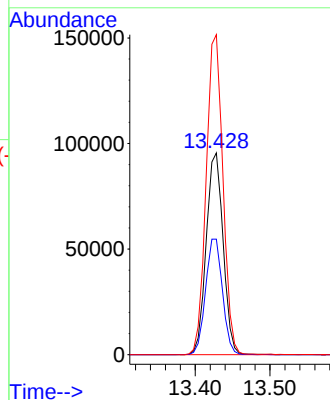
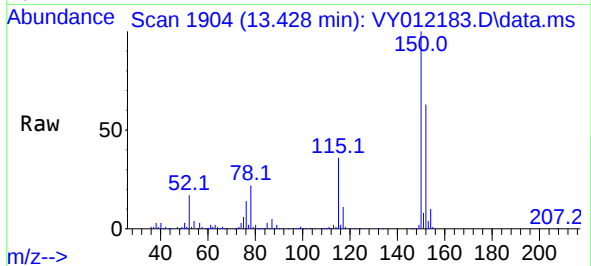




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

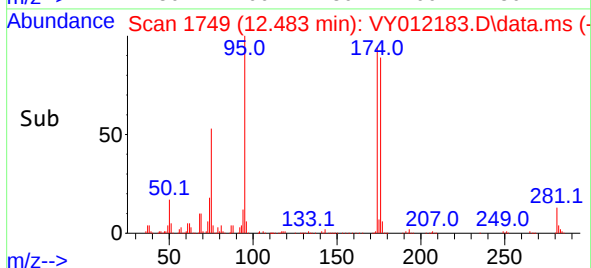
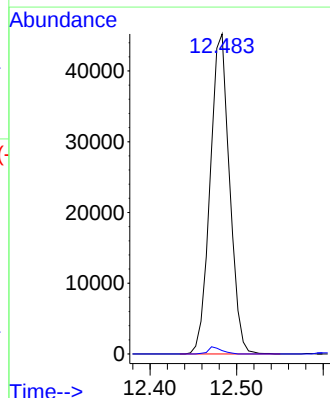
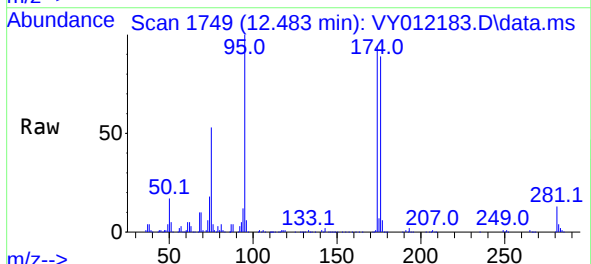
Instrument :
MSVOA_Y
ClientSampleId :
VY0113SBL01

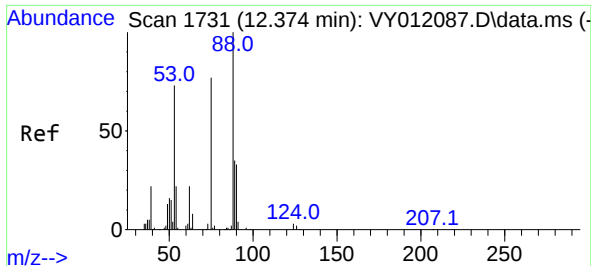
Tgt Ion:152 Resp: 150122
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 157.0 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 41.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012183.D
Acq: 13 Jan 2023 10:50

Tgt Ion: 75 Resp: 70492
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.332 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012183.D
 Acq: 13 Jan 2023 10:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0113SBL01

Tgt Ion: 75 Resp: 70492
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

