

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012131.D
 Acq On : 10 Jan 2023 10:40
 Operator : KP/MD
 Sample : VY0110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBL01

Quant Time: Jan 11 03:07:09 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)

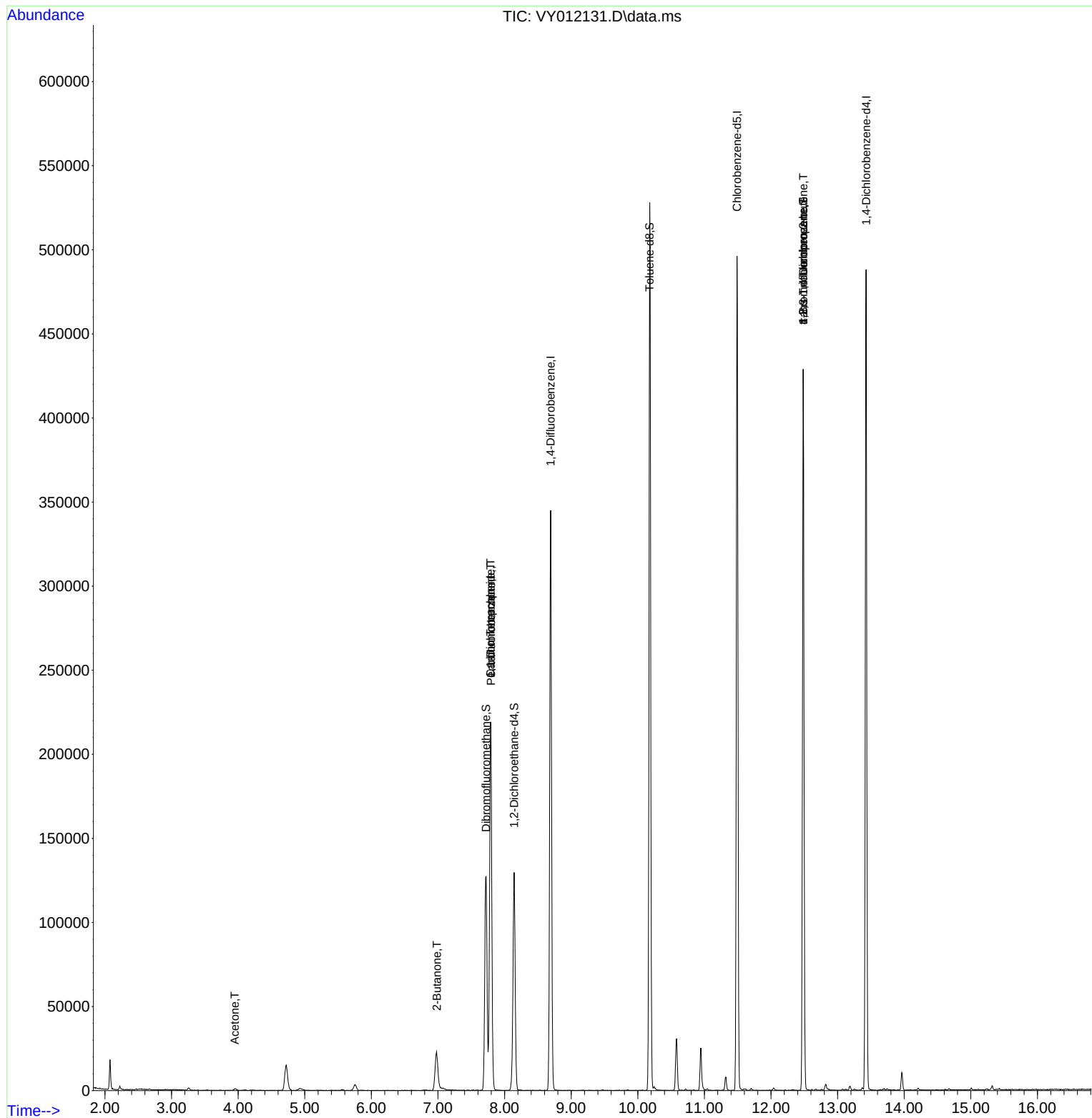
Internal Standards						
1) Pentafluorobenzene	7.795	168	174060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104883	53.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.260%	
35) Dibromofluoromethane	7.722	113	89562	46.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.360%	
50) Toluene-d8	10.179	98	353240	46.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.280%	
62) 4-Bromofluorobenzene	12.483	95	115689	43.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	177	Below Cal	#	41
3) Chloromethane	2.113	50	195	Below Cal	#	41
5) Bromomethane	2.662	94	192	Below Cal		93
11) Tert butyl alcohol	4.936	59	1802	Below Cal	#	74
16) Acetone	3.948	43	1805	3.923	ug/l #	86
25) 2-Butanone	6.984	43	1884	3.104	ug/l #	87
31) Cyclohexane	7.795	56	3304	Below Cal	#	33
36) 1,1-Dichloropropene	7.789	75	11934	4.056	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17137	4.588	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61141	41.610	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61141	92.409	ug/l #	13

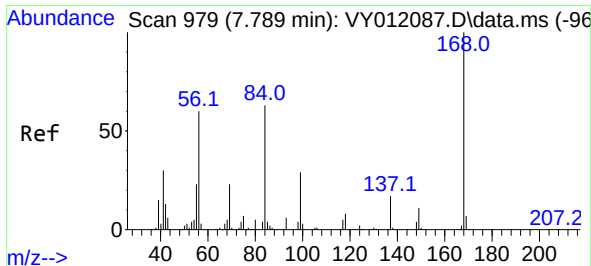
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
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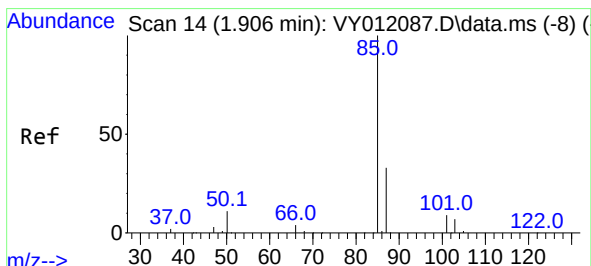
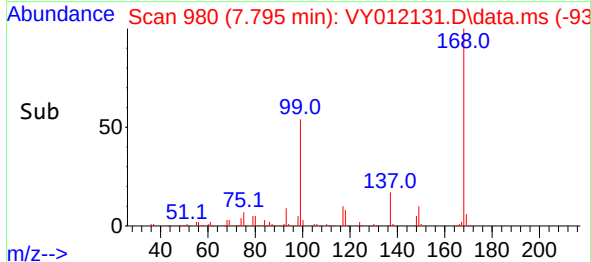
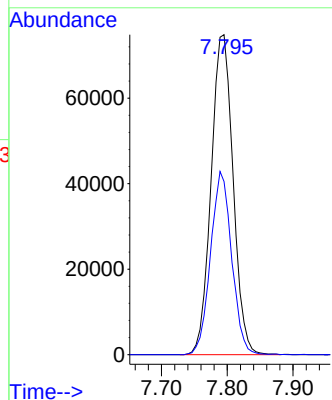
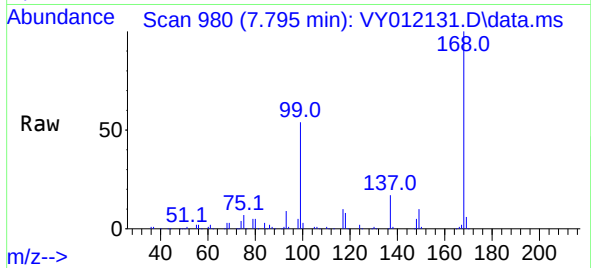




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

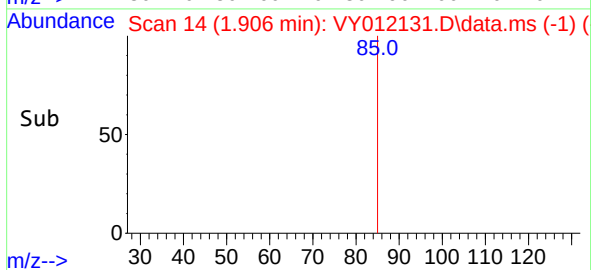
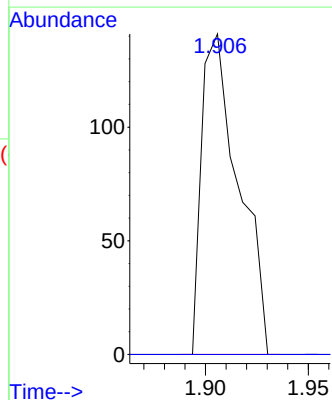
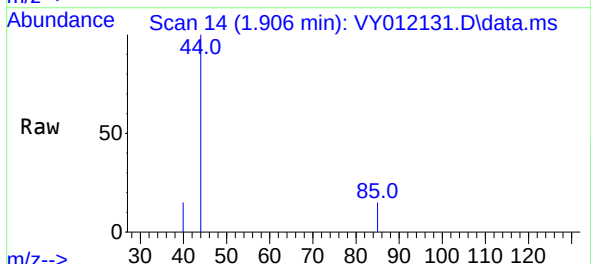
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

Tgt Ion:168 Resp: 174060
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0

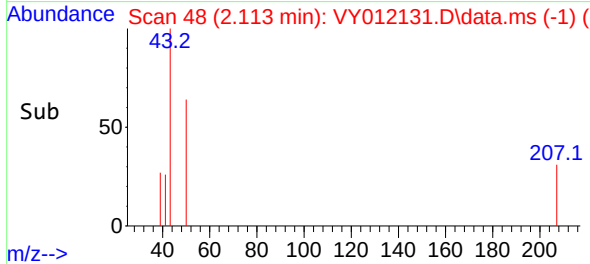
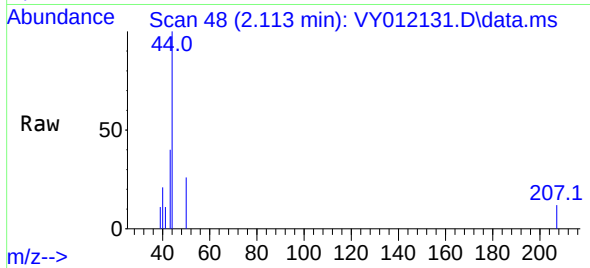
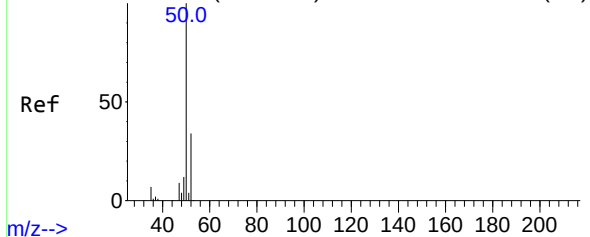


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 85 Resp: 177
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



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



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY012131.D

Acq: 10 Jan 2023 10:40

Instrument :

MSVOA_Y

ClientSampleId :

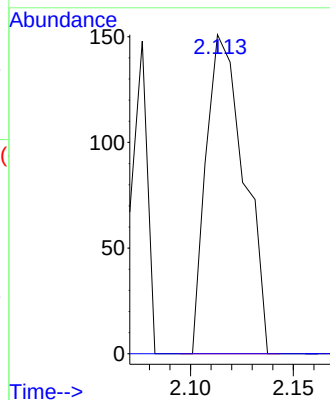
VY0110SBL01

Tgt Ion: 50 Resp: 195

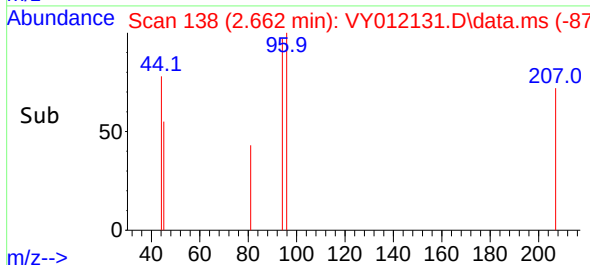
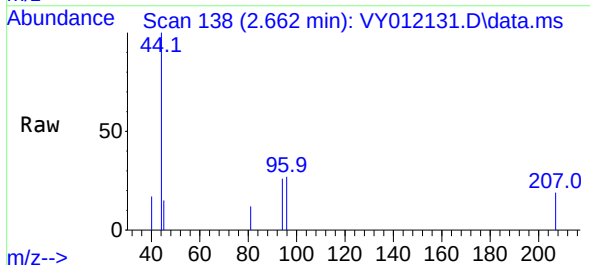
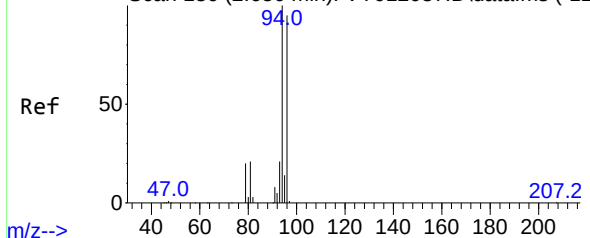
Ion Ratio Lower Upper

50 100

52 0.0 26.8 40.2#



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



#5

Bromomethane

Concen: Below Cal

RT: 2.662 min Scan# 138

Delta R.T. 0.012 min

Lab File: VY012131.D

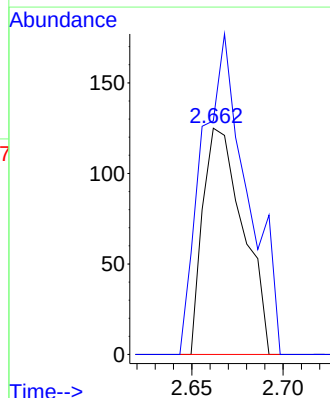
Acq: 10 Jan 2023 10:40

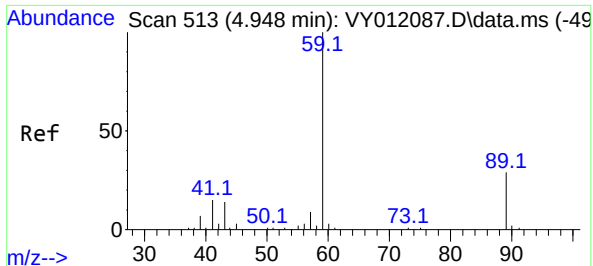
Tgt Ion: 94 Resp: 192

Ion Ratio Lower Upper

94 100

96 103.2 77.4 116.2

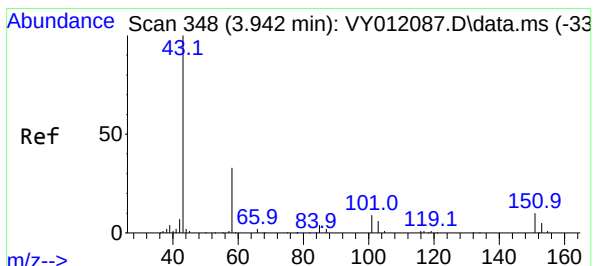
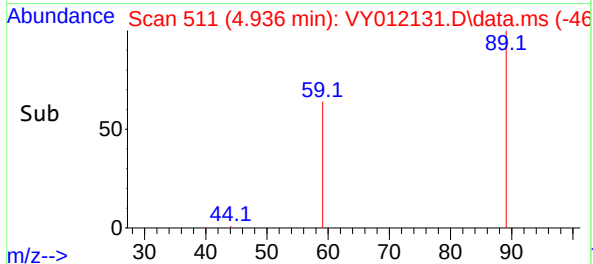
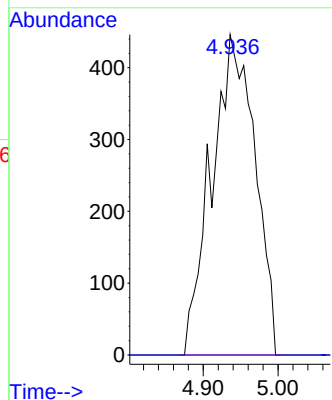
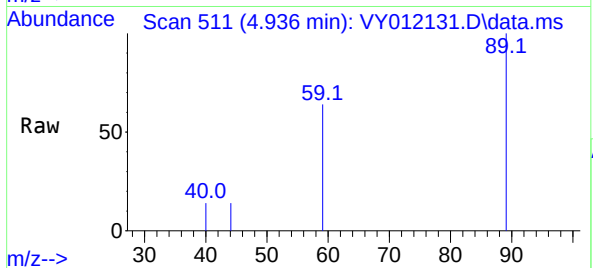




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

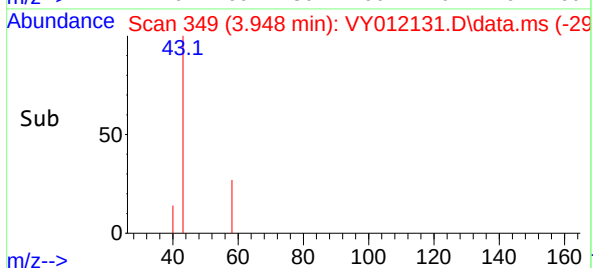
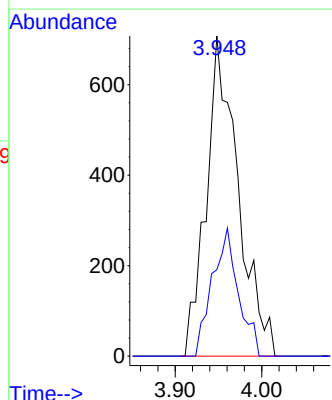
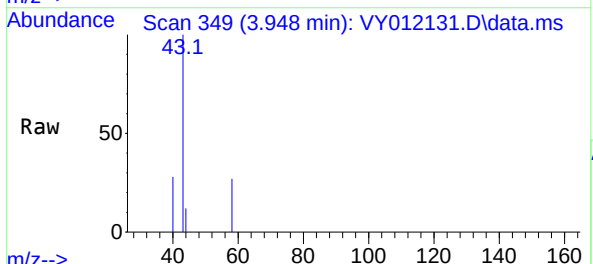
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

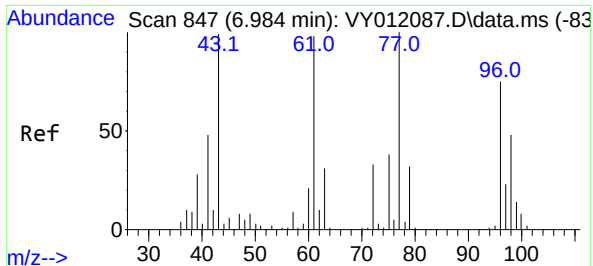
Tgt Ion: 59 Resp: 1802
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.923 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 27.0 27.9 41.9#

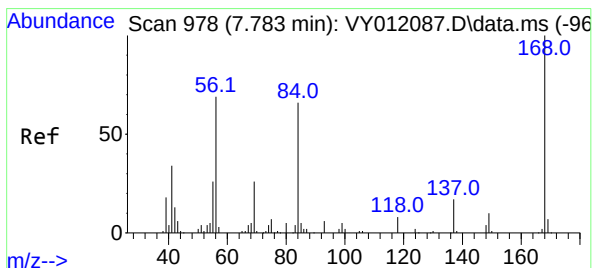
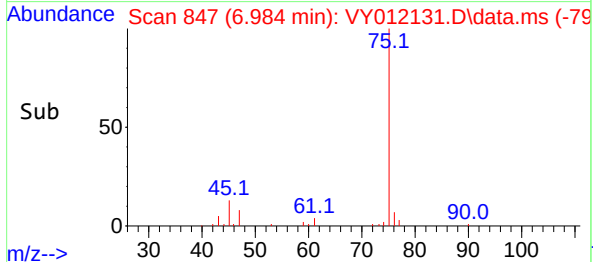
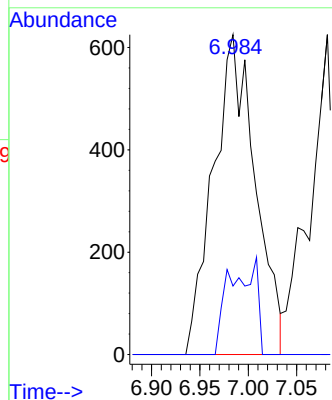
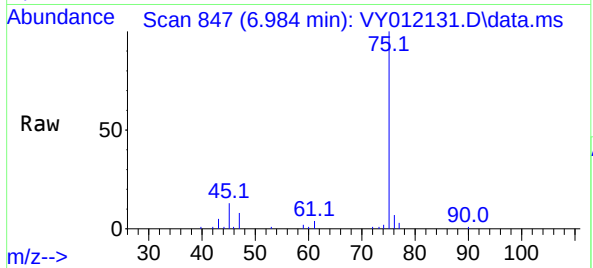




#25
2-Butanone
Concen: 3.104 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

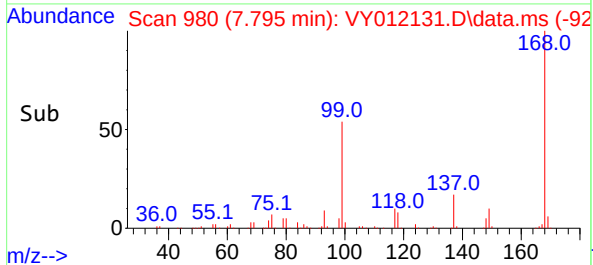
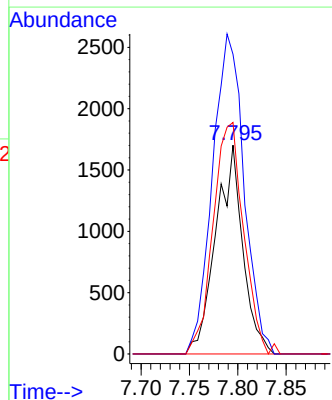
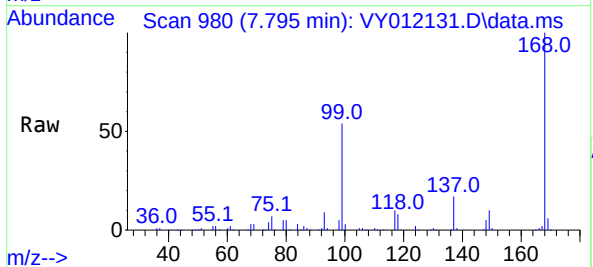
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

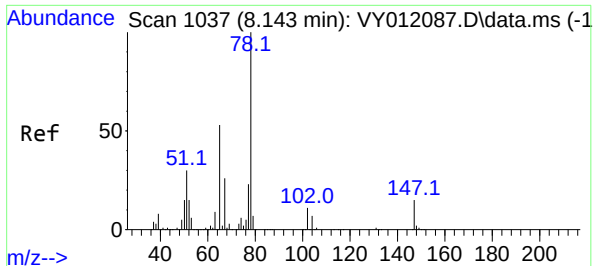
Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
72 21.4 22.6 34.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 56 Resp: 3304
Ion Ratio Lower Upper
56 100
69 143.5 29.2 43.8#
84 110.9 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 53.625 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012131.D

Acq: 10 Jan 2023 10:40

Instrument :

MSVOA_Y

ClientSampleId :

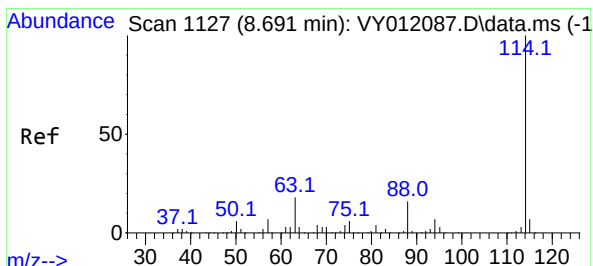
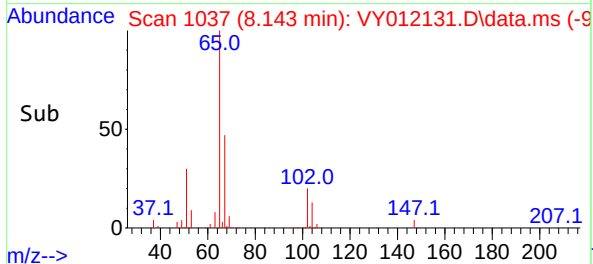
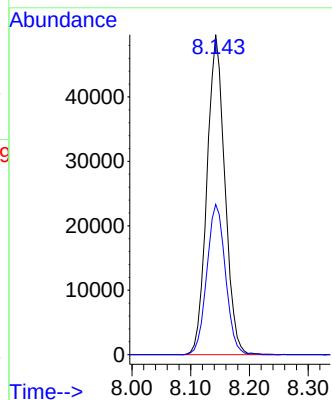
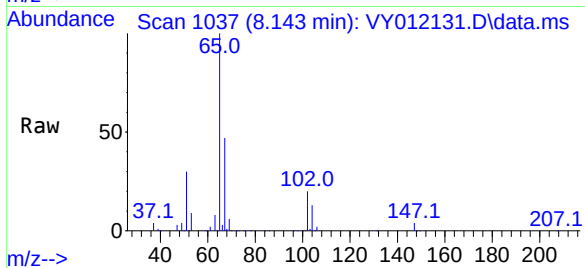
VY0110SBL01

Tgt Ion: 65 Resp: 104883

Ion Ratio Lower Upper

65 100

67 49.0 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: VY012131.D

Acq: 10 Jan 2023 10:40

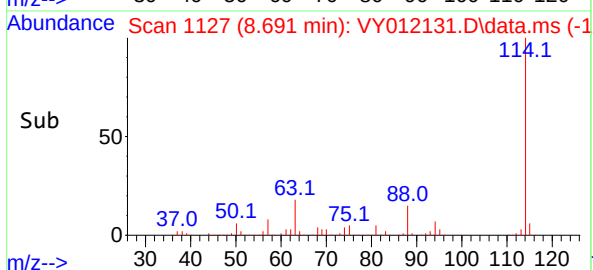
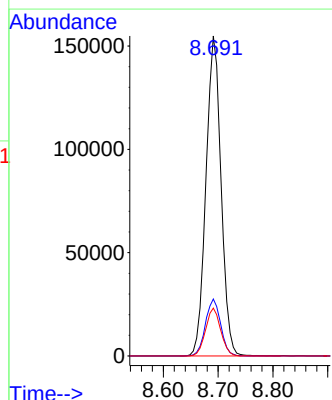
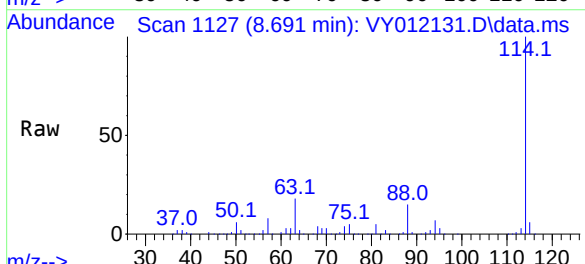
Tgt Ion: 114 Resp: 295083

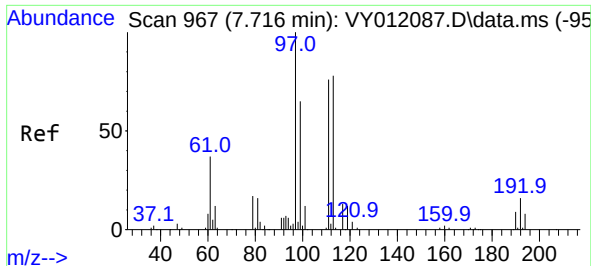
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 15.0 0.0 32.2

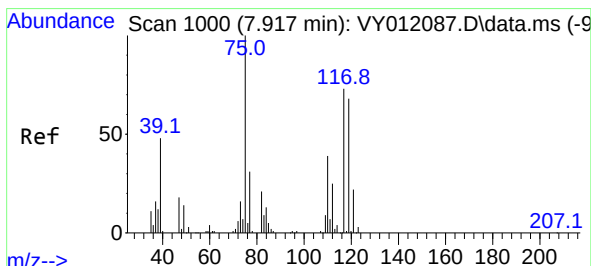
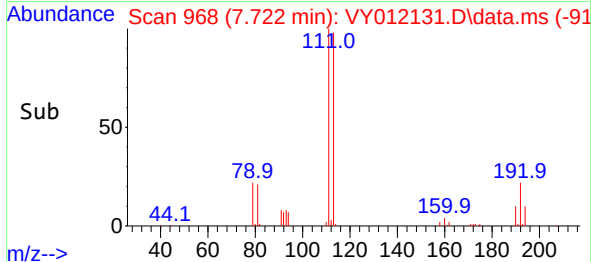
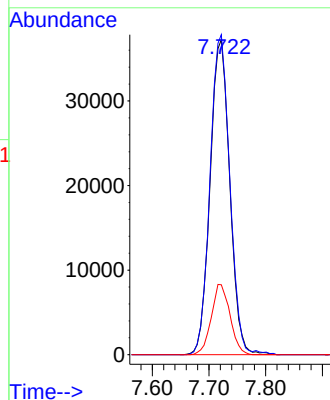
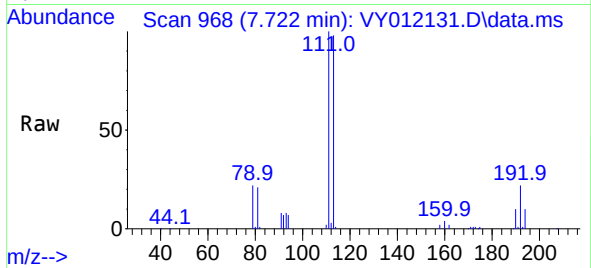




#35
Dibromofluoromethane
Concen: 46.177 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

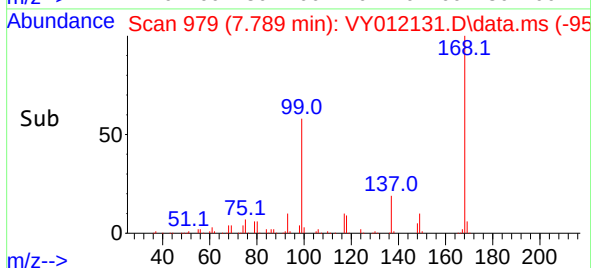
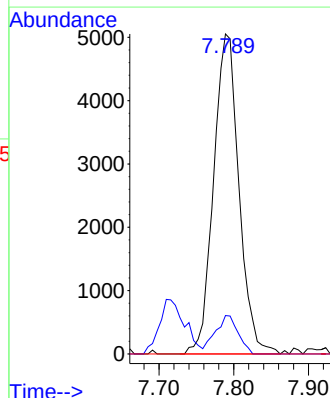
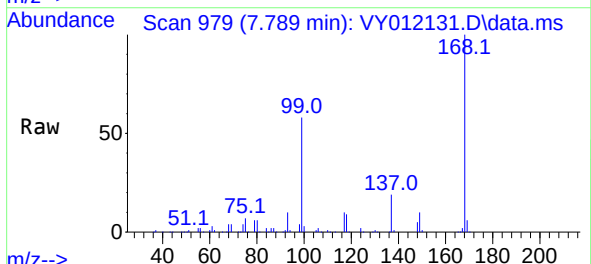
Instrument :
MSVOA_Y
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VY0110SBL01

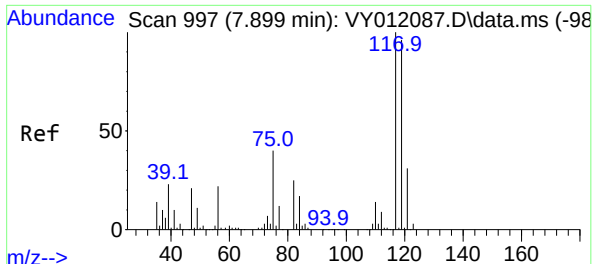
Tgt Ion:113 Resp: 89562
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.056 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 75 Resp: 11934
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.1#
77 0.0 25.1 37.7#

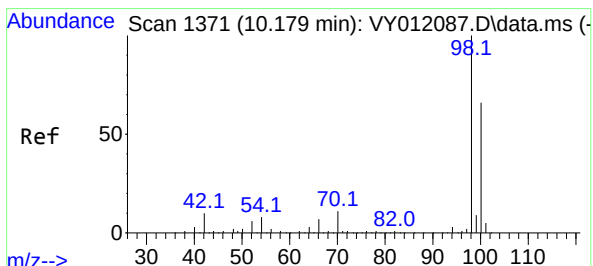
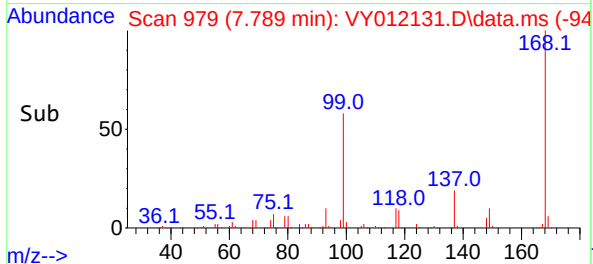
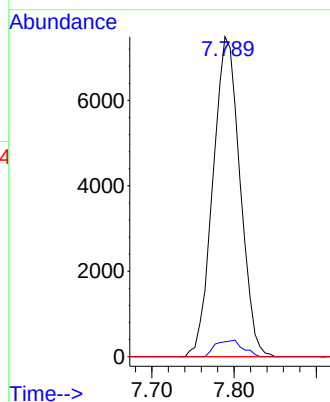
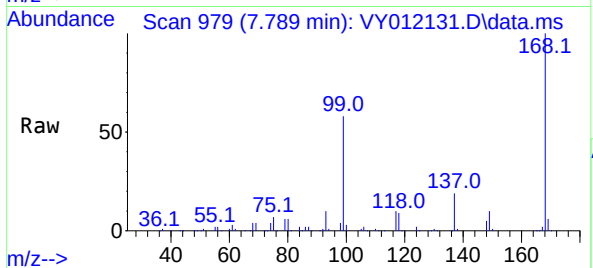




#38
Carbon Tetrachloride
Concen: 4.588 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

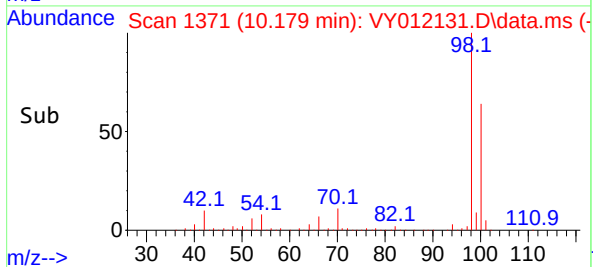
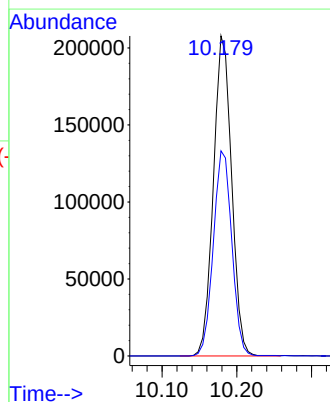
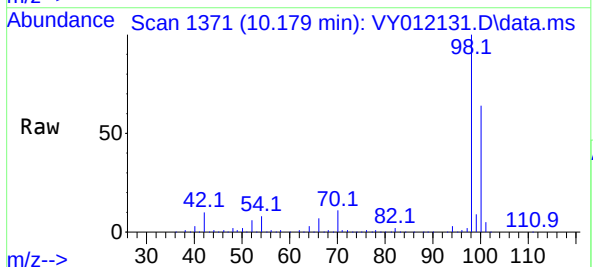
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

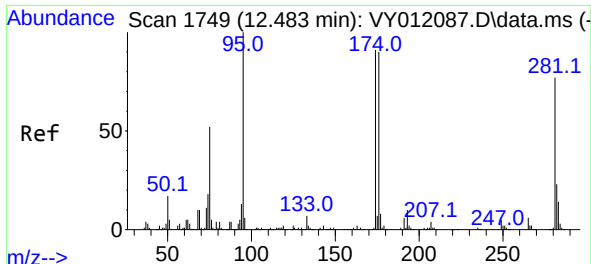
Tgt Ion:117 Resp: 17137
Ion Ratio Lower Upper
117 100
119 4.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 46.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 98 Resp: 353240
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

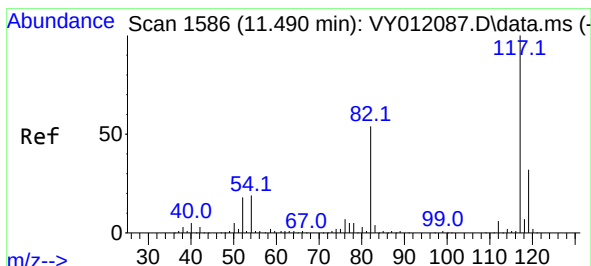
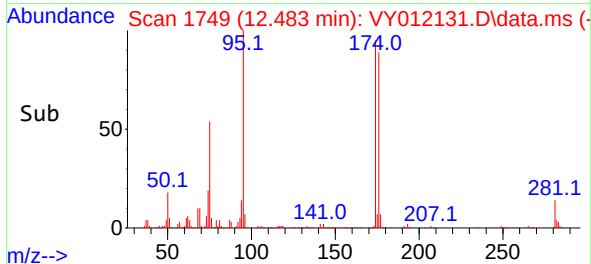
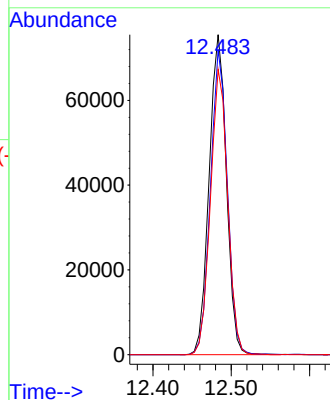
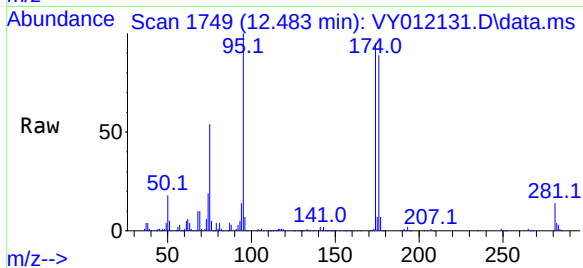




#62
4-Bromofluorobenzene
Concen: 43.234 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

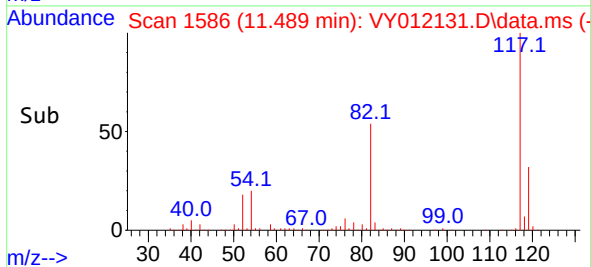
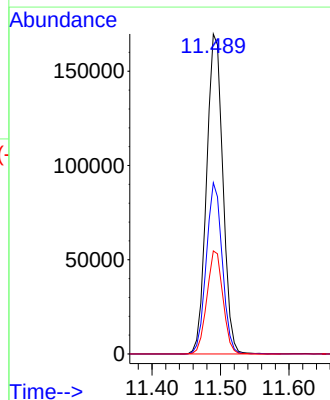
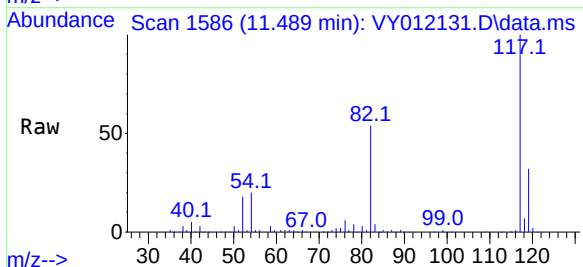
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

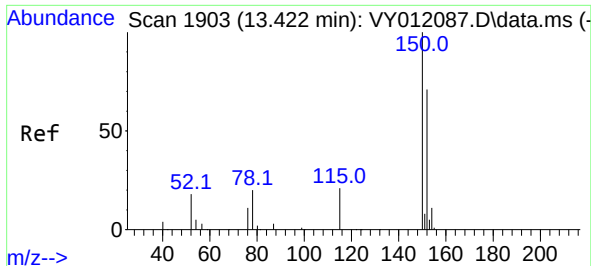
Tgt Ion: 95 Resp: 115689
Ion Ratio Lower Upper
95 100
174 93.2 0.0 172.0
176 88.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 117 Resp: 281211
Ion Ratio Lower Upper
117 100
82 53.5 44.8 67.2
119 32.2 25.4 38.2

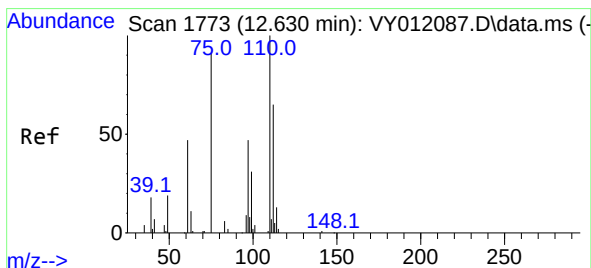
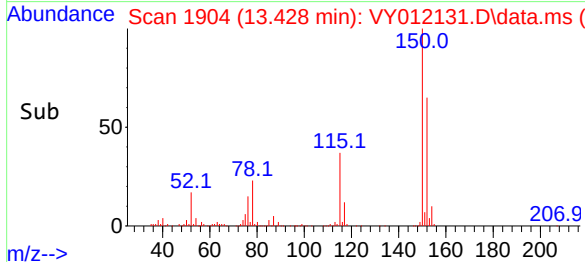
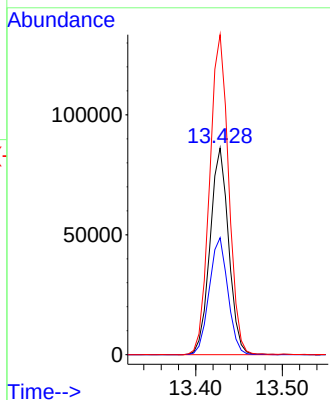
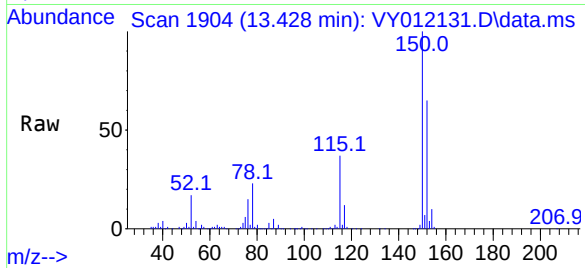




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

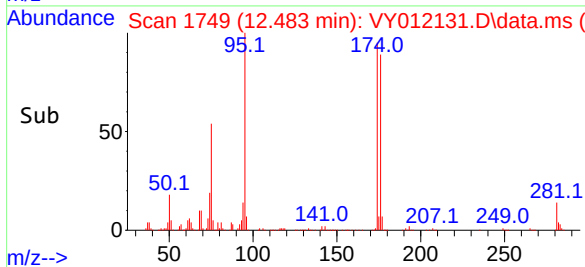
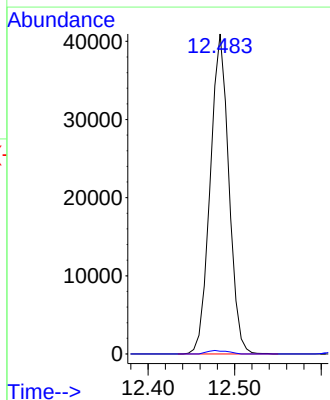
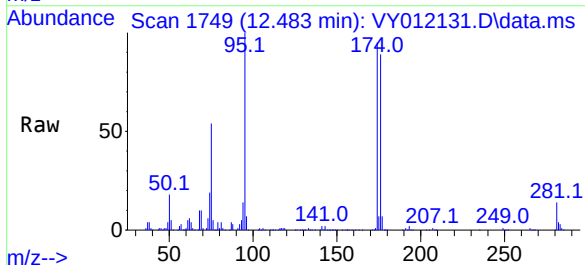
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

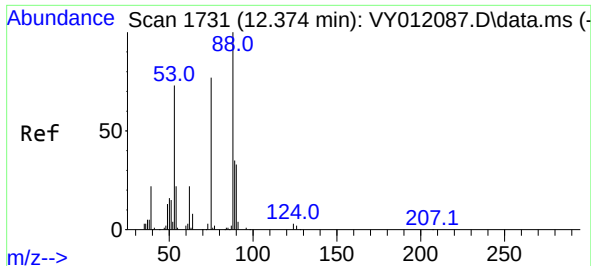
Tgt Ion:152 Resp: 128690
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 157.8 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 41.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012131.D
Acq: 10 Jan 2023 10:40

Tgt Ion: 75 Resp: 61141
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.409 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012131.D
 Acq: 10 Jan 2023 10:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBL01

Tgt Ion: 75 Resp: 61141
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

