

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013911.D
 Acq On : 30 May 2023 12:02
 Operator : KP/MD
 Sample : VY0530SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBL01

Quant Time: May 30 15:36:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

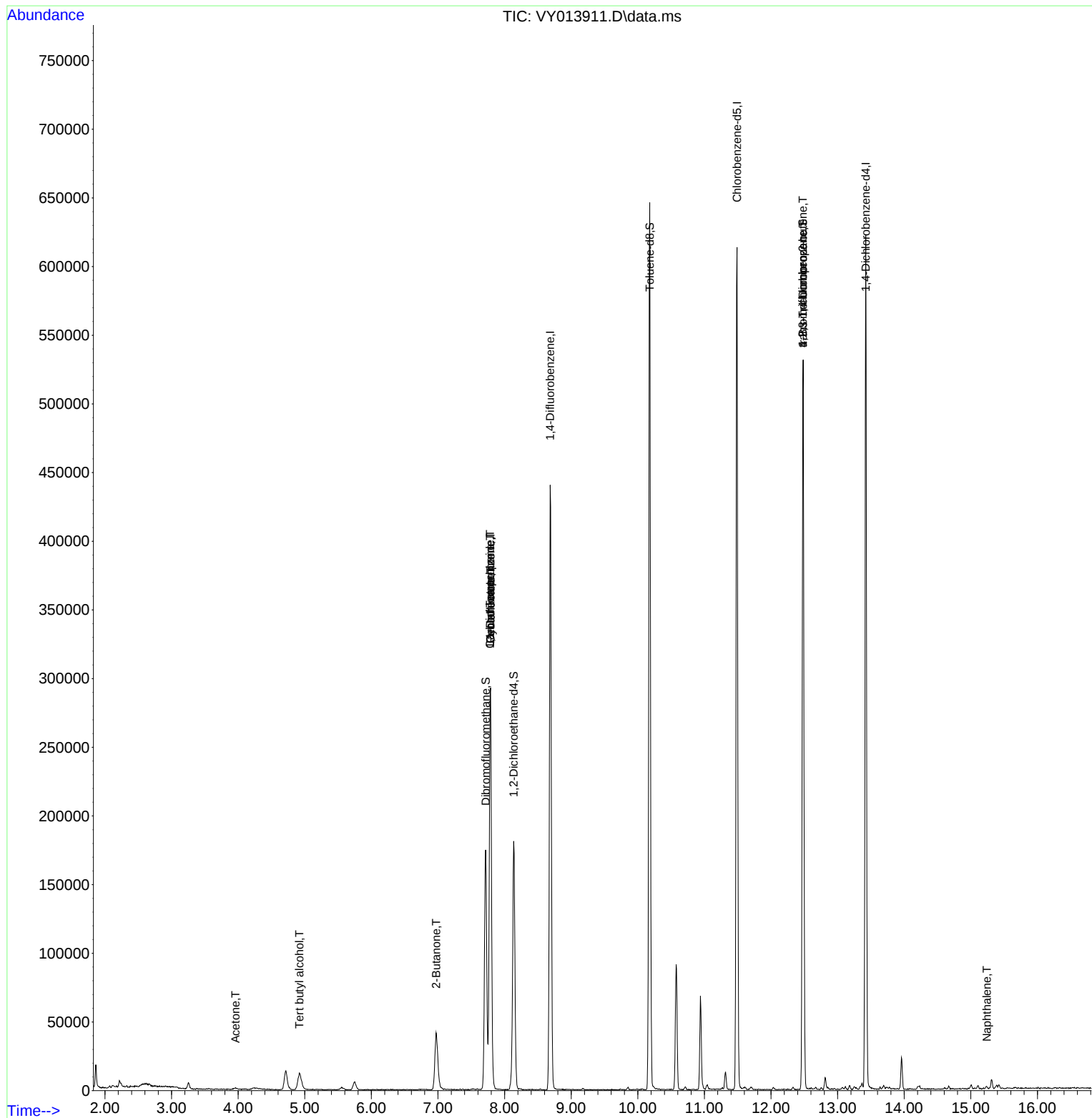
Internal Standards						
1) Pentafluorobenzene	7.789	168	231321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364068	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	327820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146047	54.573	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 109.140%		
35) Dibromofluoromethane	7.716	113	119315	50.747	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.500%		
50) Toluene-d8	10.179	98	420497	47.056	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 94.120%		
62) 4-Bromofluorobenzene	12.477	95	134745	45.363	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 90.720%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	12396	60.465	ug/l #	75
16) Acetone	3.960	43	1522	1.916	ug/l #	85
25) 2-Butanone	6.972	43	1730	1.785	ug/l #	79
31) Cyclohexane	7.789	56	5607	1.364	ug/l #	27
36) 1,1-Dichloropropene	7.783	75	17371	4.851	ug/l #	52
38) Carbon Tetrachloride	7.783	117	22689	5.571	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	75838	42.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75838	91.720	ug/l #	10
95) Naphthalene	15.239	128	1940	4.820	ug/l #	88

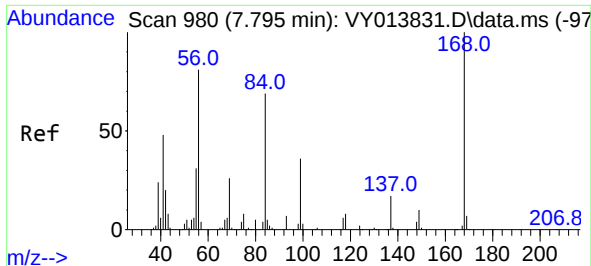
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
Data File : VY013911.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

Quant Time: May 30 15:36:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

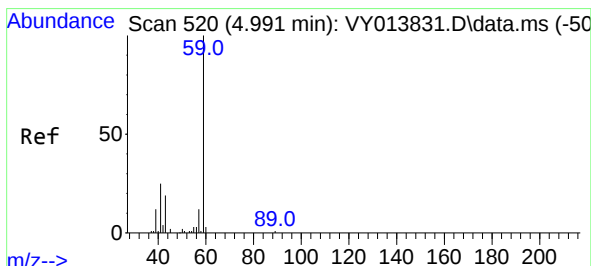
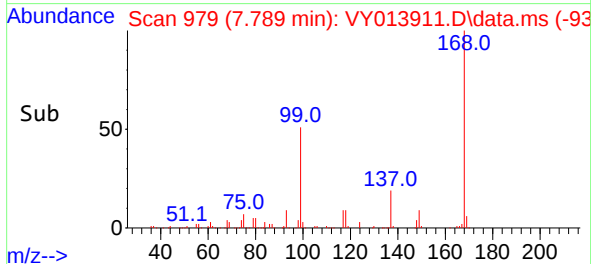
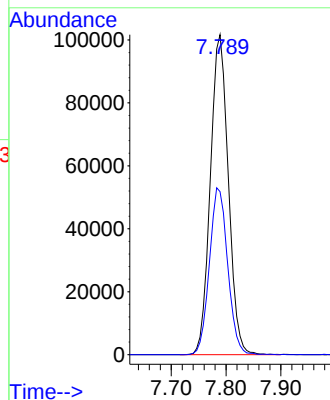
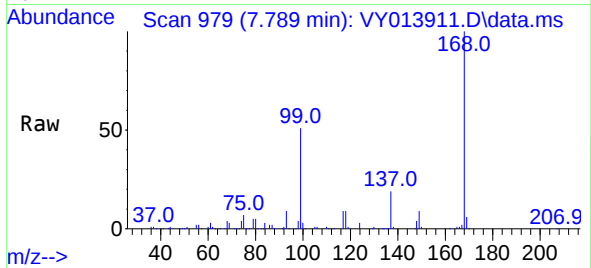




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

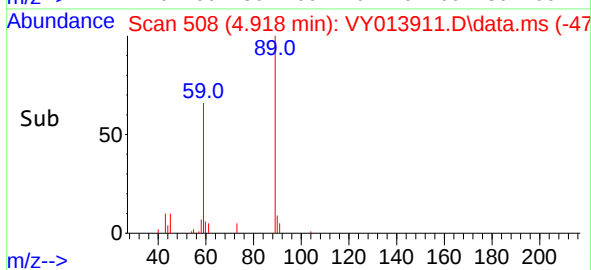
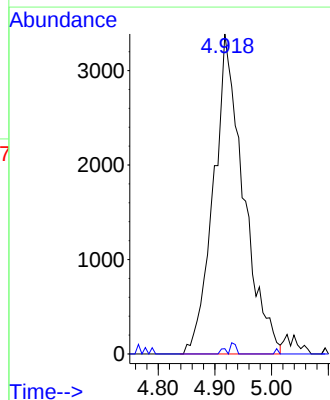
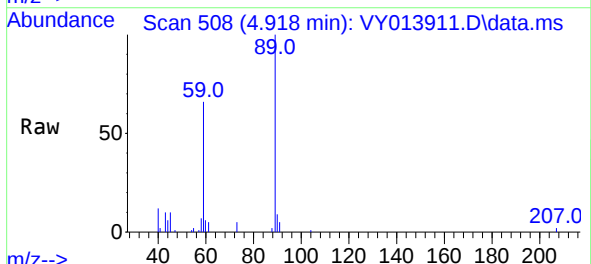
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

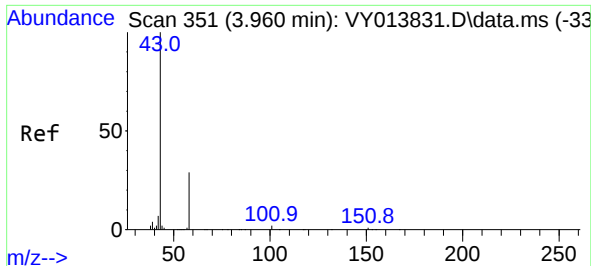
Tgt Ion:168 Resp: 231321
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.2



#11
Tert butyl alcohol
Concen: 60.465 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.073 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Tgt Ion: 59 Resp: 12396
Ion Ratio Lower Upper
59 100
57 1.0 8.1 12.1#

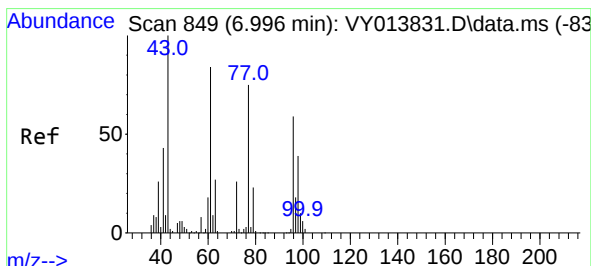
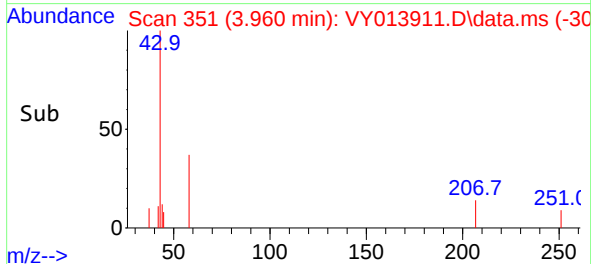
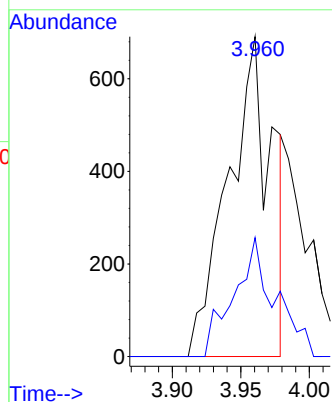
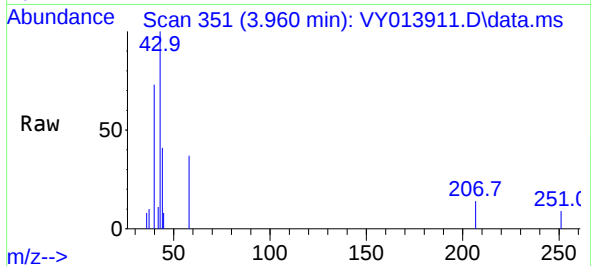




#16
Acetone
Concen: 1.916 ug/l
RT: 3.960 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

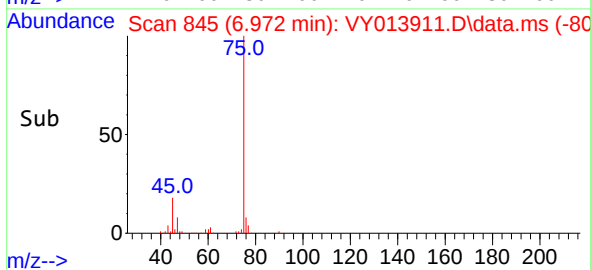
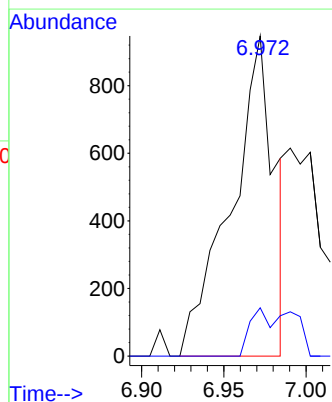
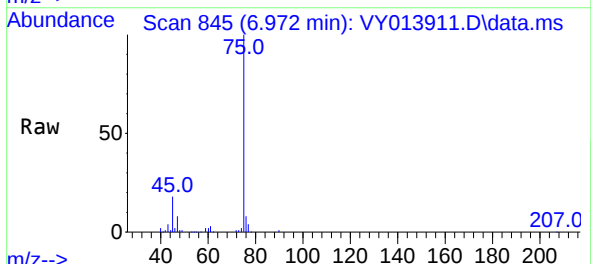
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

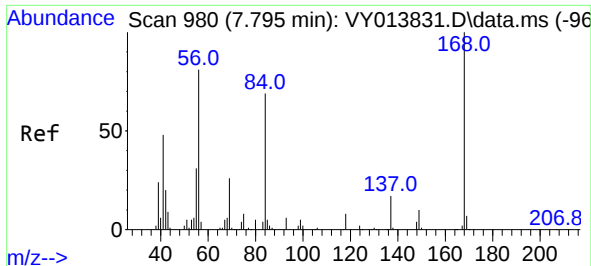
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
58 37.2 23.3 34.9#



#25
2-Butanone
Concen: 1.785 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.024 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

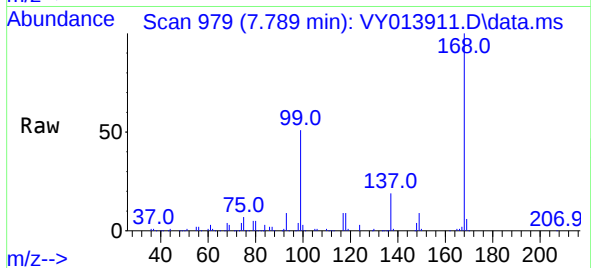
Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
72 15.1 20.5 30.7#



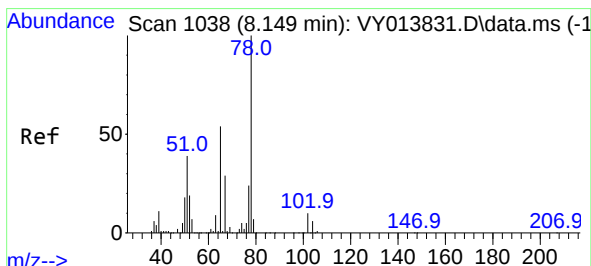
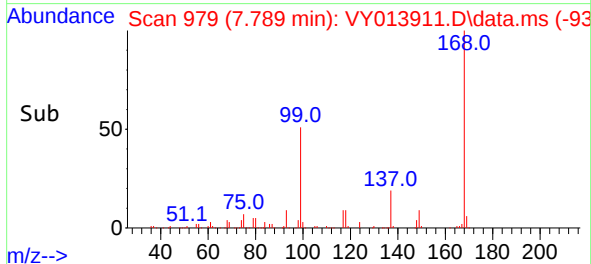
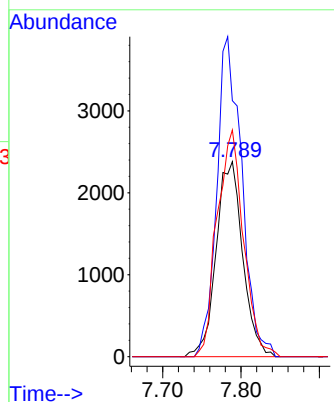


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

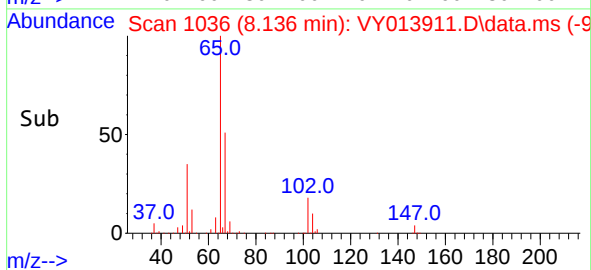
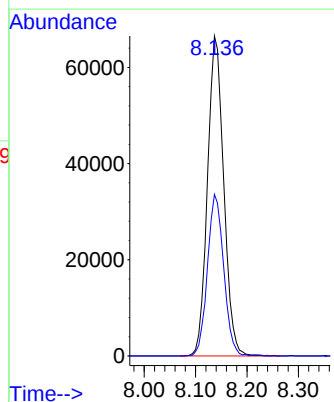
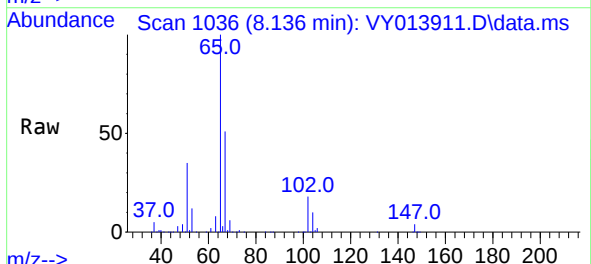


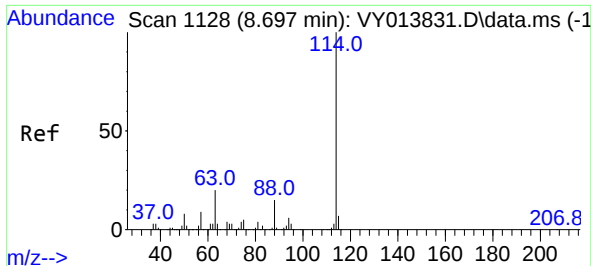
Tgt Ion: 56 Resp: 5607
Ion Ratio Lower Upper
56 100
69 131.2 25.8 38.8#
84 116.2 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 54.573 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Tgt Ion: 65 Resp: 146047
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013911.D

Acq: 30 May 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBL01

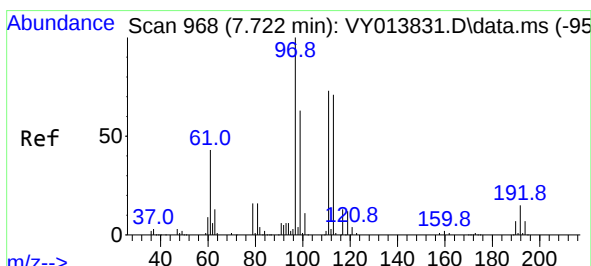
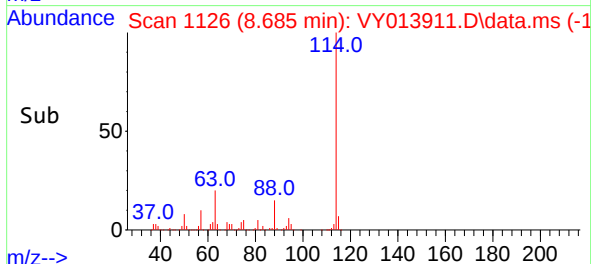
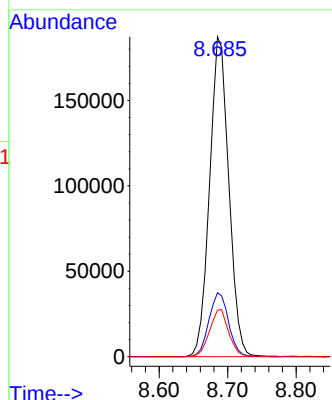
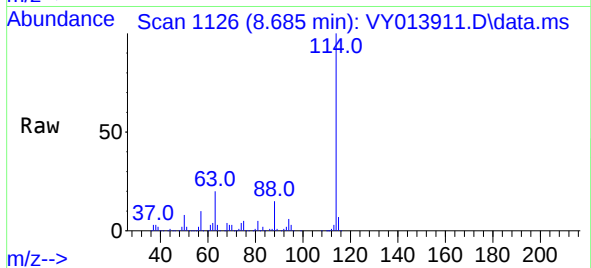
Tgt Ion:114 Resp: 364068

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.747 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013911.D

Acq: 30 May 2023 12:02

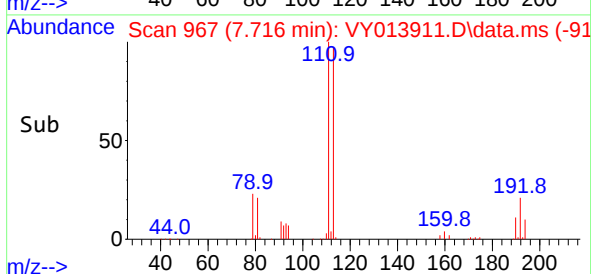
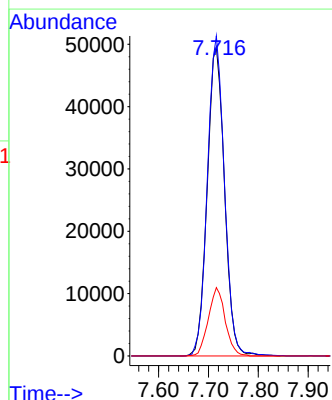
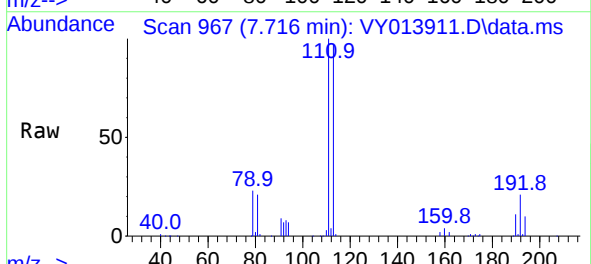
Tgt Ion:113 Resp: 119315

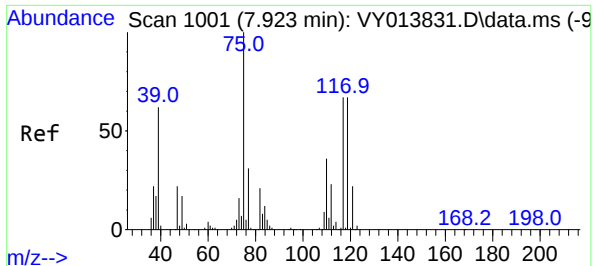
Ion Ratio Lower Upper

113 100

111 102.2 80.4 120.6

192 21.6 16.6 25.0

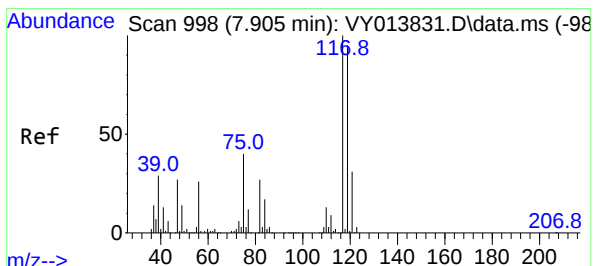
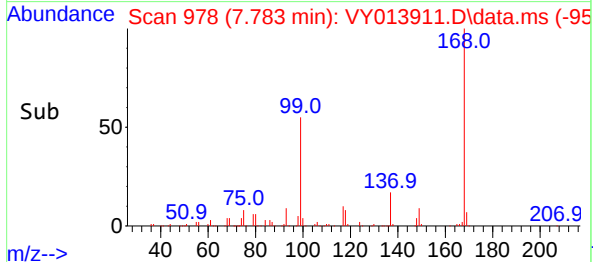
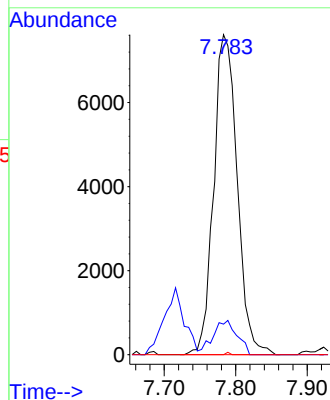
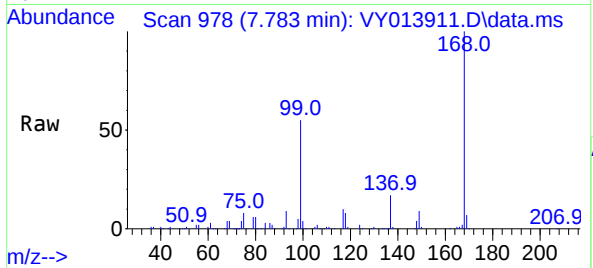




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

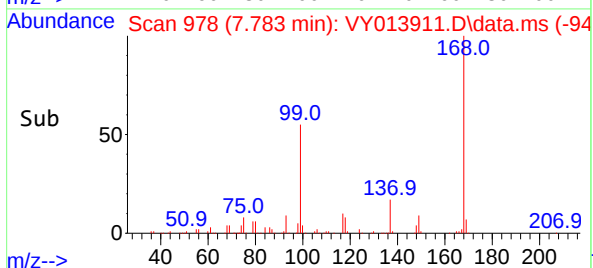
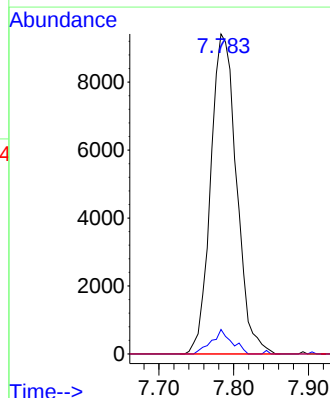
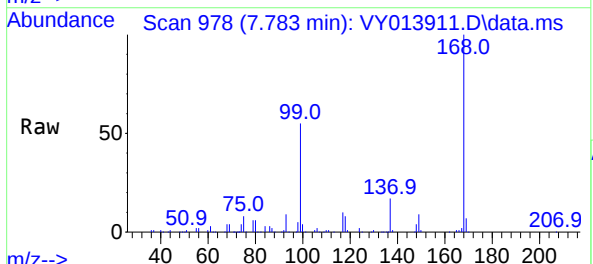
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

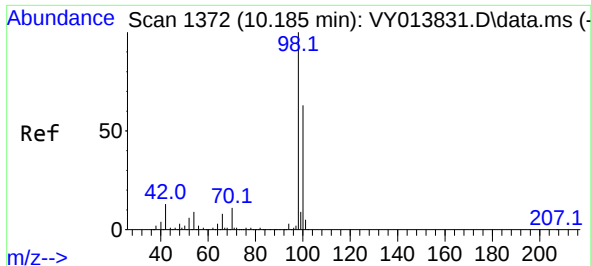
Tgt Ion: 75 Resp: 17371
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.6#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.571 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Tgt Ion: 117 Resp: 22689
Ion Ratio Lower Upper
117 100
119 7.6 75.6 113.4#
121 0.0 24.8 37.2#

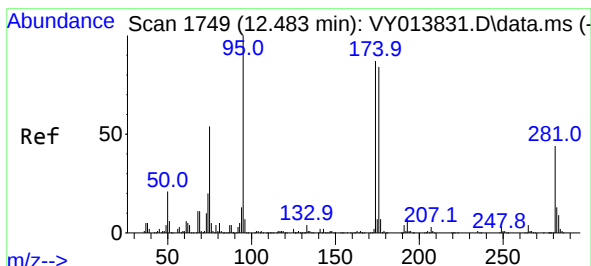
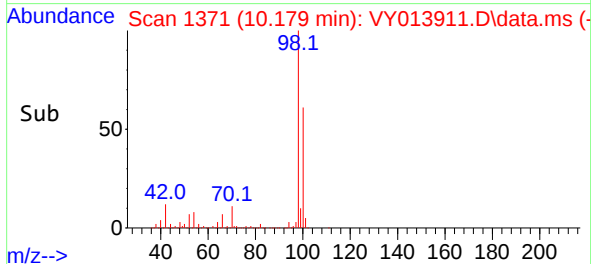
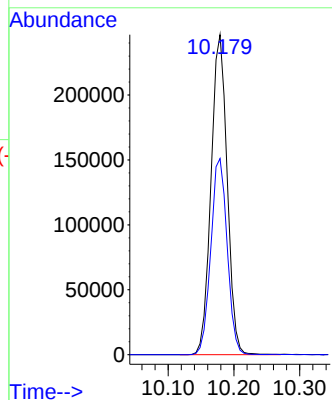
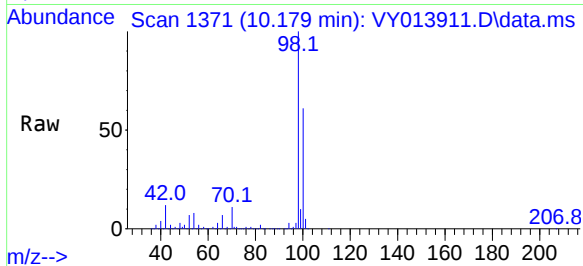




#50
Toluene-d8
Concen: 47.056 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

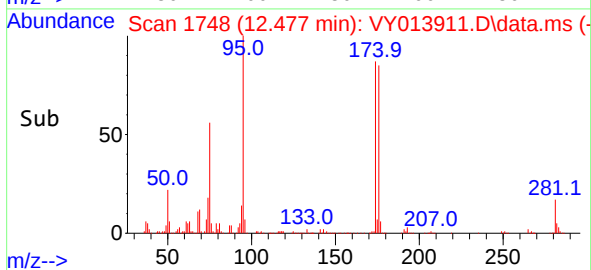
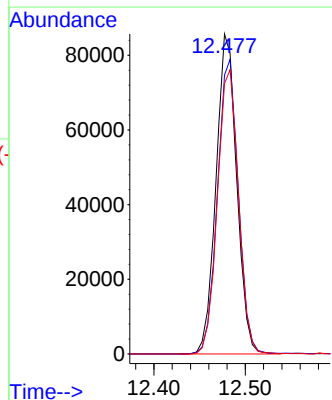
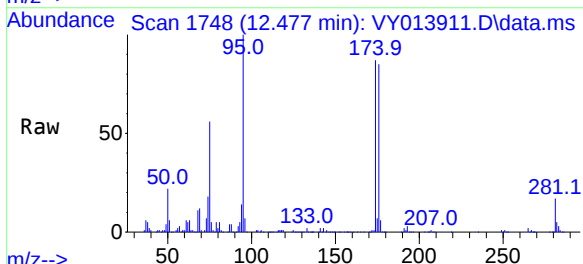
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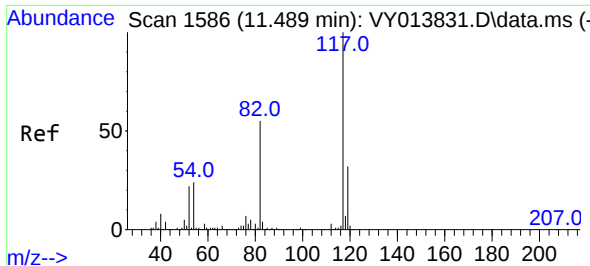
Tgt Ion: 98 Resp: 420497
Ion Ratio Lower Upper
98 100
100 62.2 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 45.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Tgt Ion: 95 Resp: 134745
Ion Ratio Lower Upper
95 100
174 92.8 0.0 176.0
176 90.7 0.0 170.2

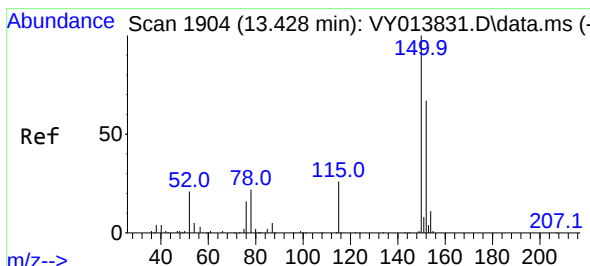
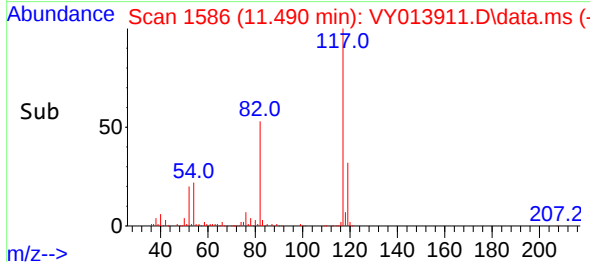
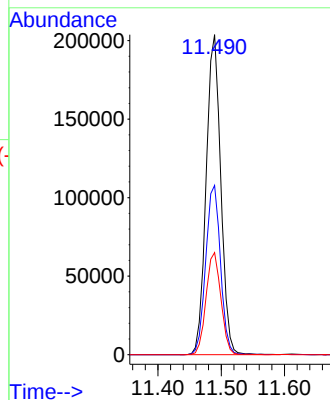
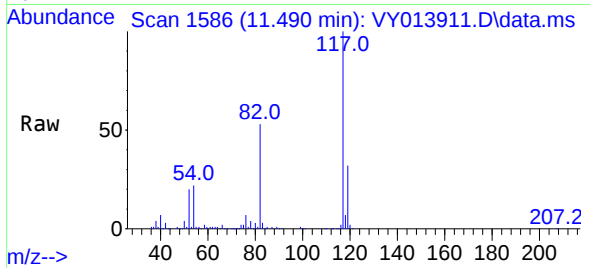




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

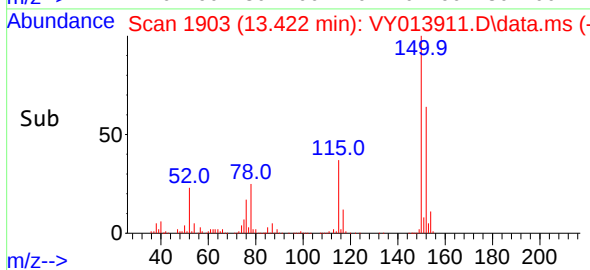
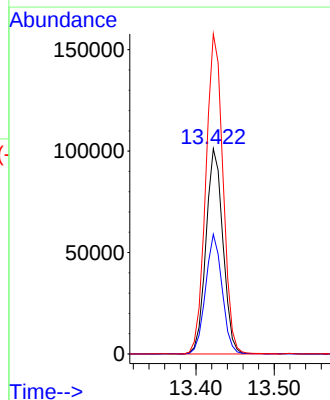
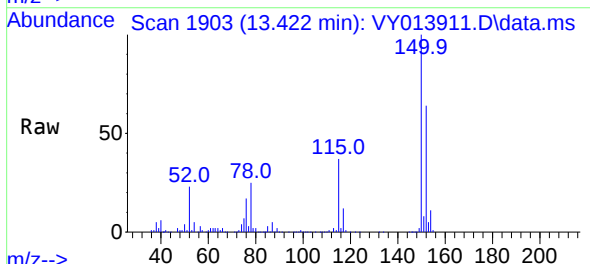
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

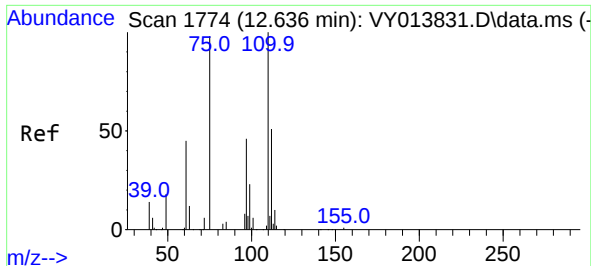
Tgt Ion:117 Resp: 327820
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.4
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Tgt Ion:152 Resp: 152215
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 157.5 0.0 353.4

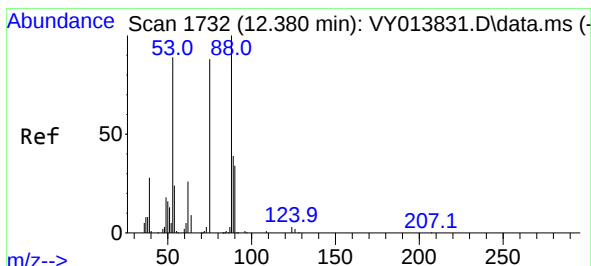
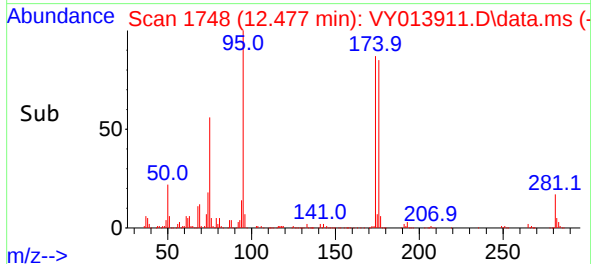
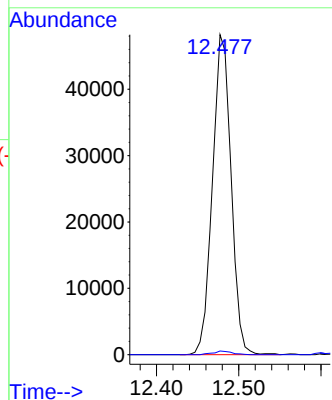
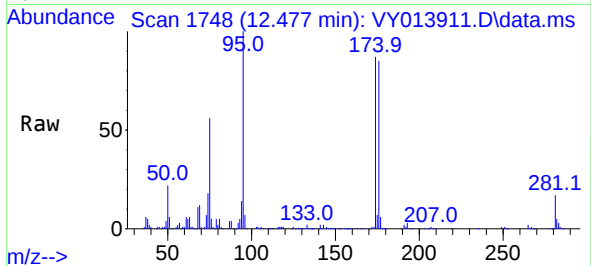




#76
1,2,3-Trichloropropane
Concen: 42.254 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

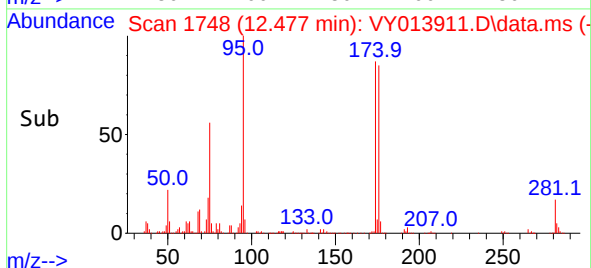
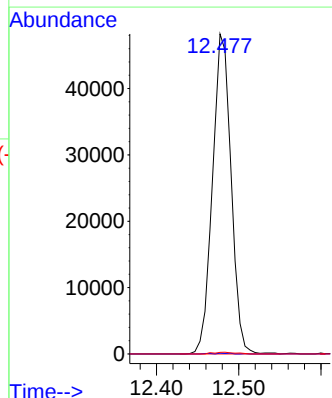
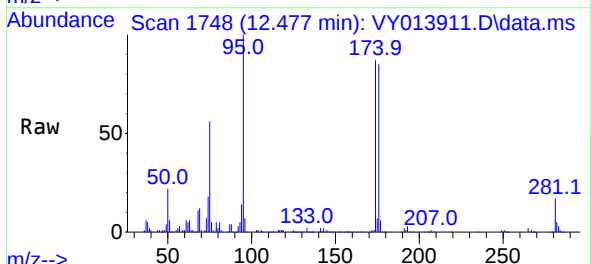
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

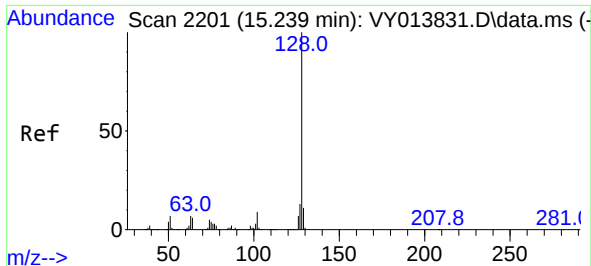
Tgt Ion: 75 Resp: 75838
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.720 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

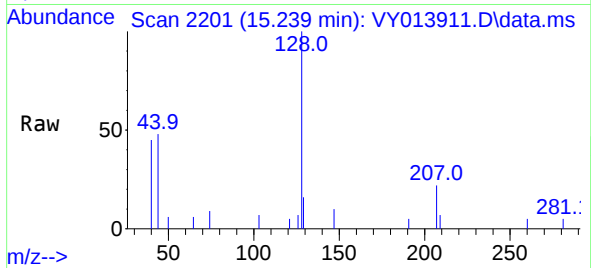
Tgt Ion: 75 Resp: 75838
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.6 36.4 54.6#





#95
Naphthalene
Concen: 4.820 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013911.D
Acq: 30 May 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01



Tgt Ion:	128	Resp:	1940
Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.7	16.1#
129	12.7	9.0	13.4

