

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010163.D
 Acq On : 23 Aug 2022 14:25
 Operator : KP/MD
 Sample : N4120-06
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLDG-19C

Quant Time: Aug 24 04:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

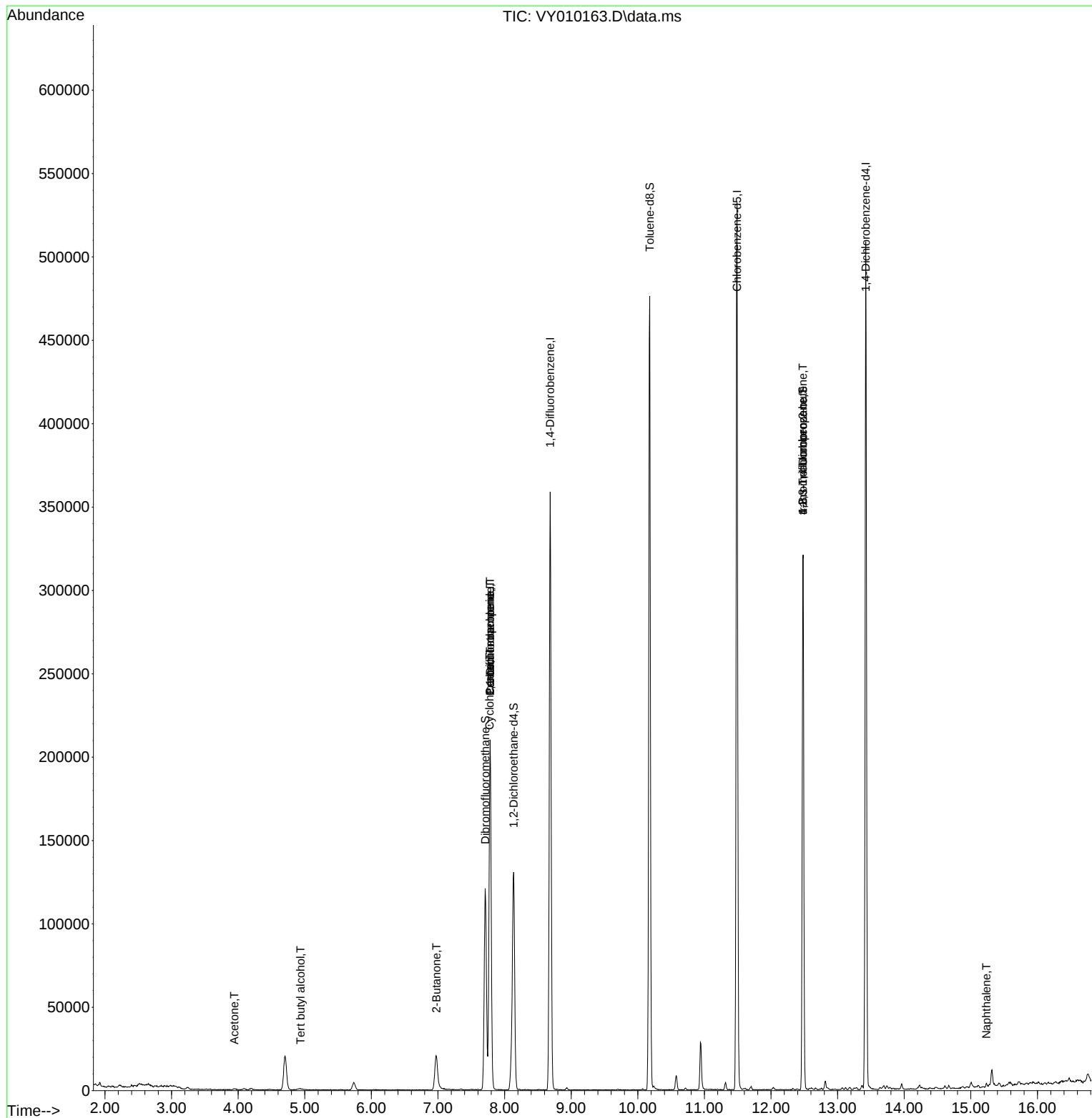
Internal Standards						
1) Pentafluorobenzene	7.783	168	169635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91918	66.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.300%	
35) Dibromofluoromethane	7.710	113	87548	50.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.340%	
50) Toluene-d8	10.179	98	320067	48.950	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.477	95	101254	43.341	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1472	20.246	ug/l #	73
16) Acetone	3.942	43	1276	3.669	ug/l #	68
20) Methylene Chloride	4.704	84	15384	Below Cal		93
25) 2-Butanone	6.978	43	1320	2.360	ug/l #	86
31) Cyclohexane	7.777	56	3125	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11785	4.231	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15145	5.185	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	50170	40.659	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50170	81.663	ug/l #	18
95) Naphthalene	15.233	128	2048	4.267	ug/l #	95

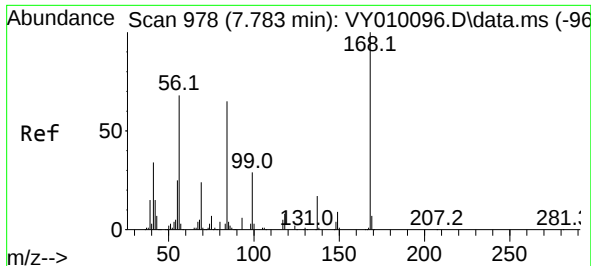
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
Data File : VY010163.D
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Operator : KP/MD
Sample : N4120-06
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

Quant Time: Aug 24 04:32:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

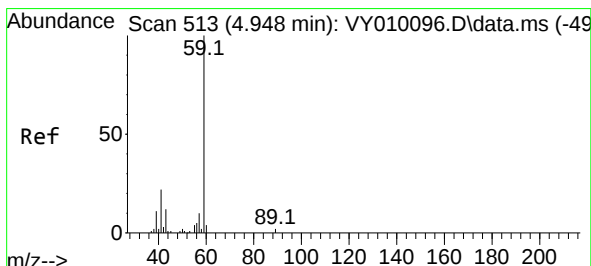
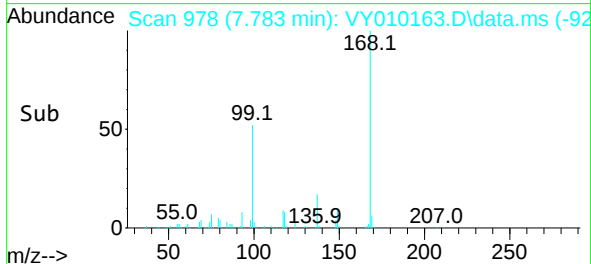
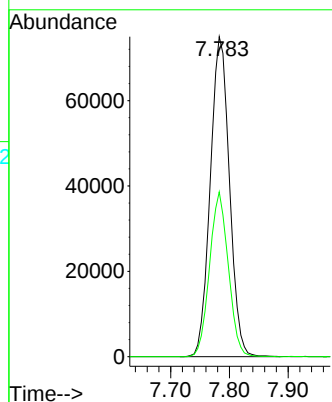
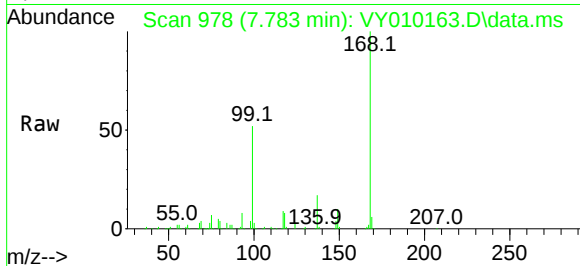




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

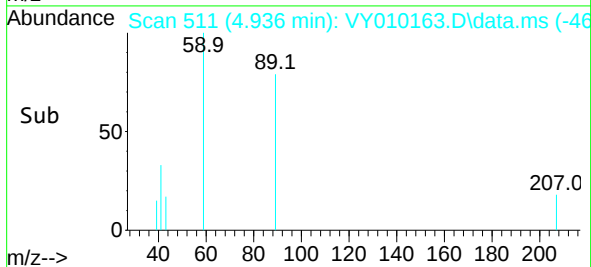
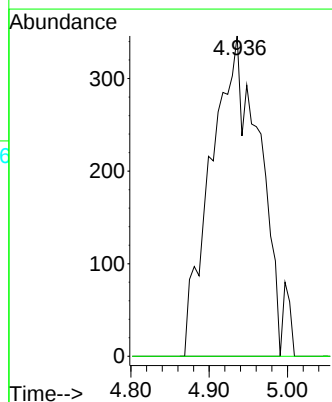
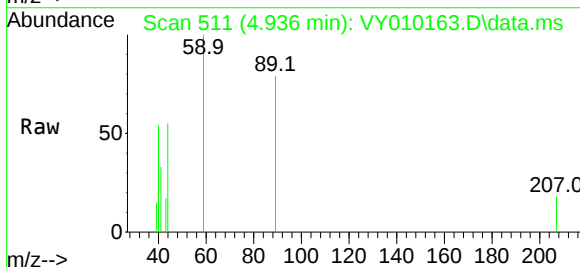
Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

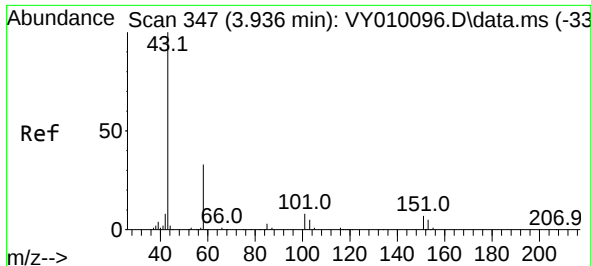
Tgt Ion:168 Resp: 169635
Ion Ratio Lower Upper
168 100
99 51.5 40.7 61.1



#11
Tert butyl alcohol
Concen: 20.246 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion: 59 Resp: 1472
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

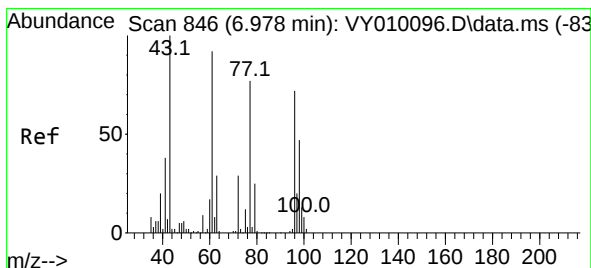
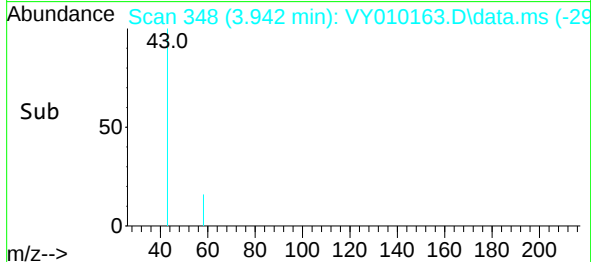
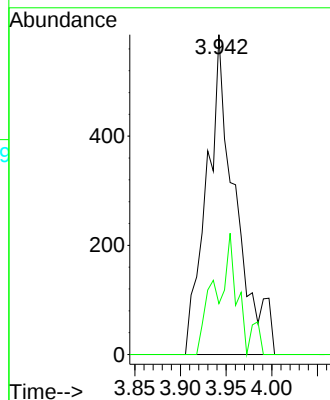
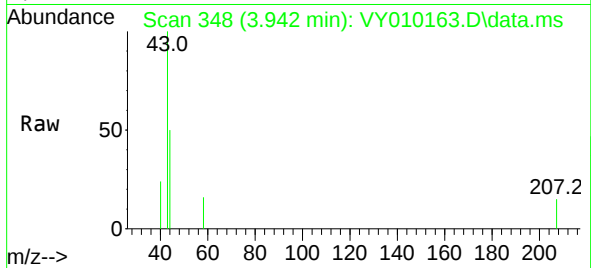




#16
Acetone
Concen: 3.669 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

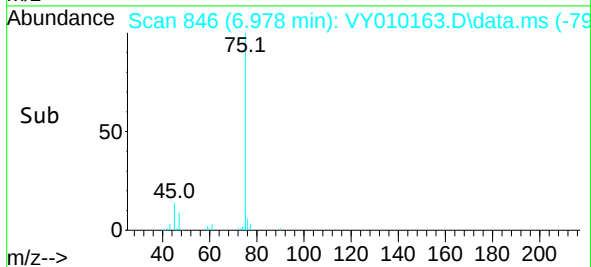
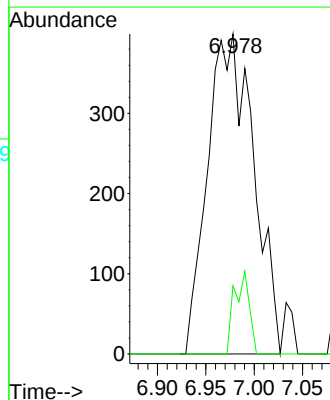
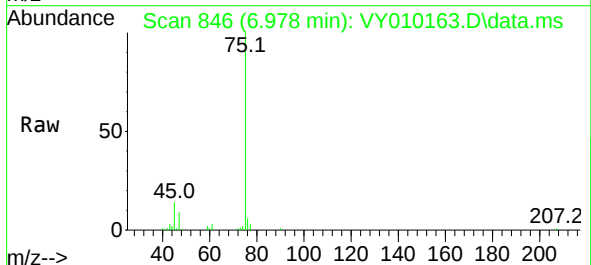
Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

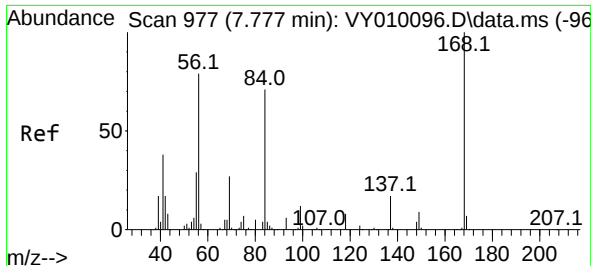
Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 15.9 27.4 41.0#



#25
2-Butanone
Concen: 2.360 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
72 21.3 23.2 34.8#

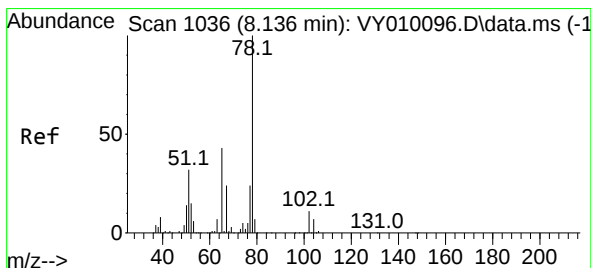
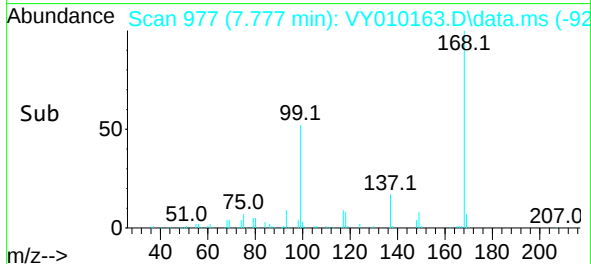
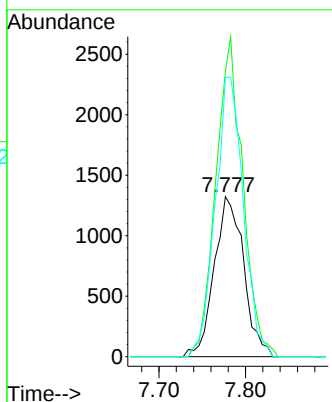
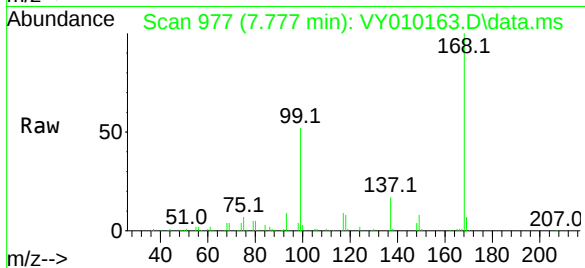




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

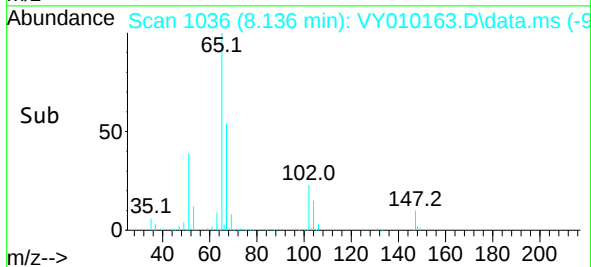
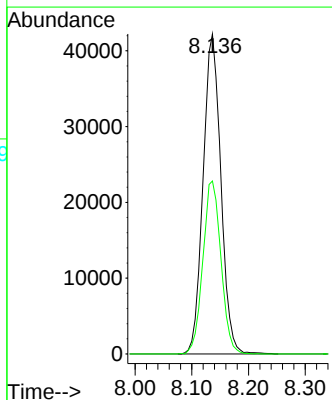
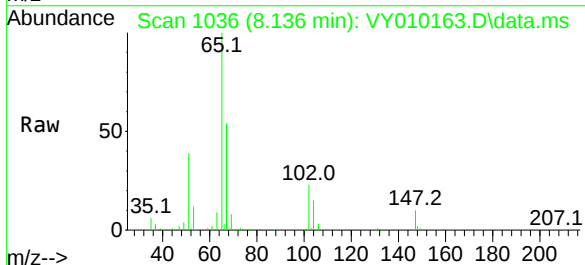
Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

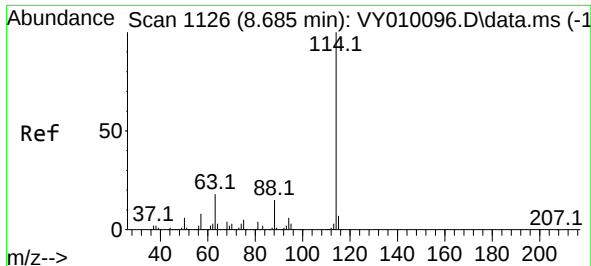
Tgt Ion: 56 Resp: 3125
Ion Ratio Lower Upper
56 100
69 178.2 27.3 40.9#
84 174.5 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 66.153 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion: 65 Resp: 91918
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010163.D

Acq: 23 Aug 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

BLDG-19C

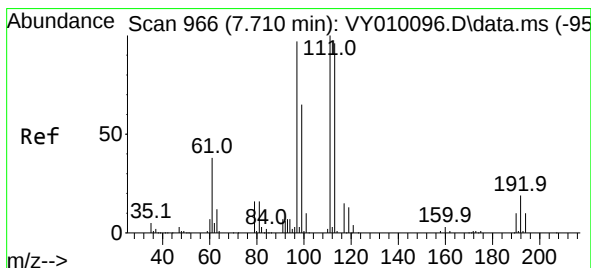
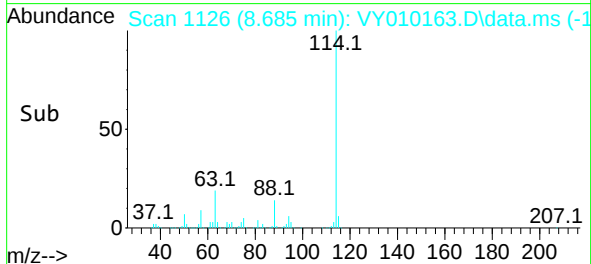
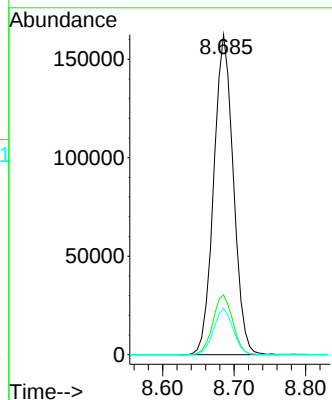
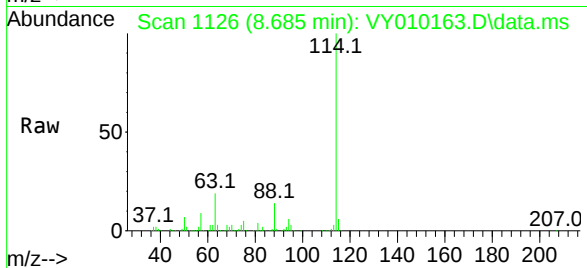
Tgt Ion:114 Resp: 309682

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

88 14.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.171 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010163.D

Acq: 23 Aug 2022 14:25

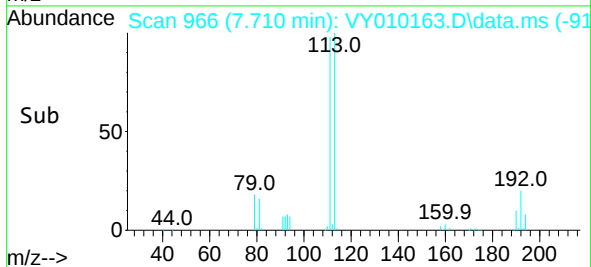
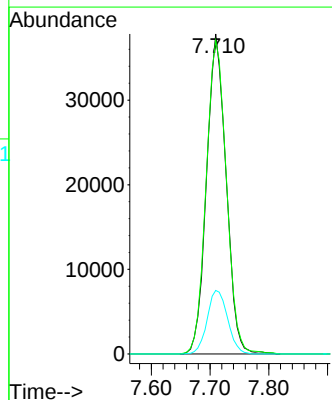
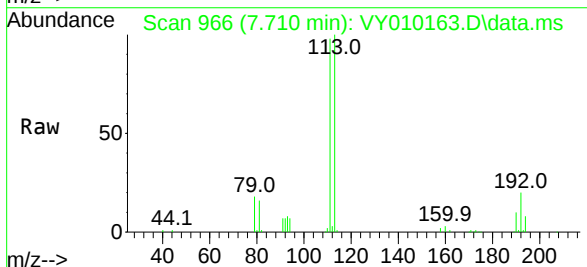
Tgt Ion:113 Resp: 87548

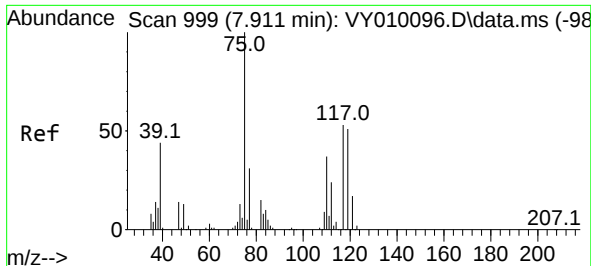
Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 20.7 16.3 24.5

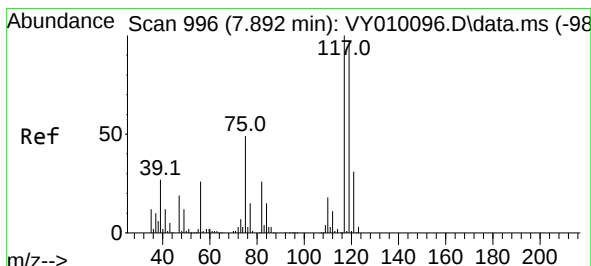
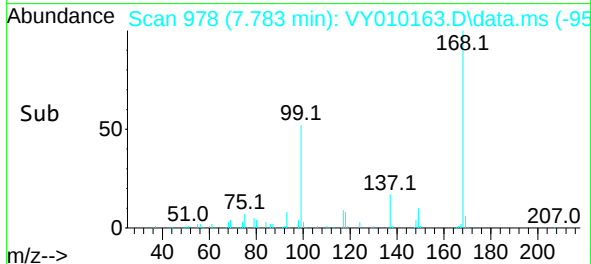
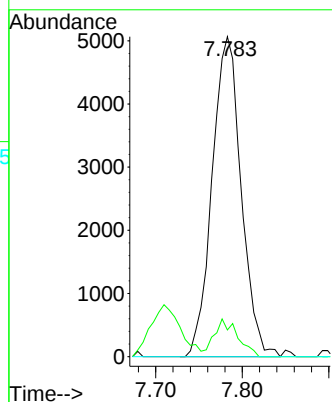
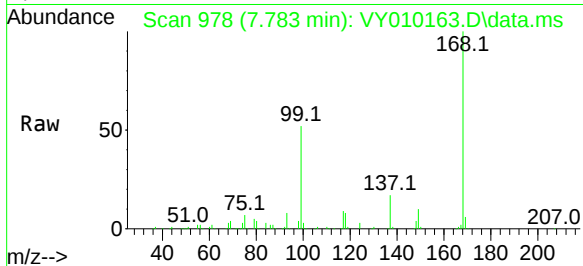




#36
 1,1-Dichloropropene
 Concen: 4.231 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010163.D
 Acq: 23 Aug 2022 14:25

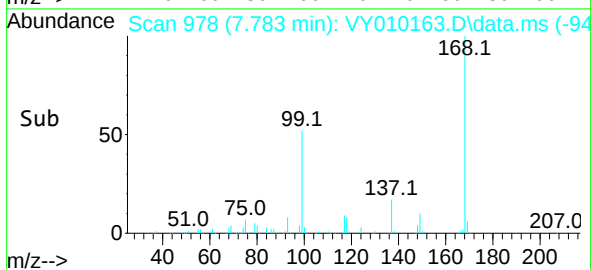
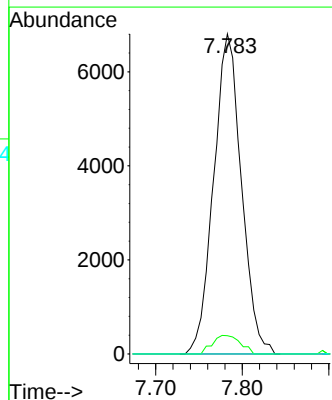
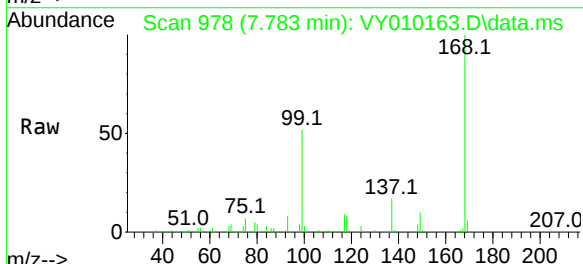
Instrument :
 MSVOA_Y
 ClientSampleId :
 BLDG-19C

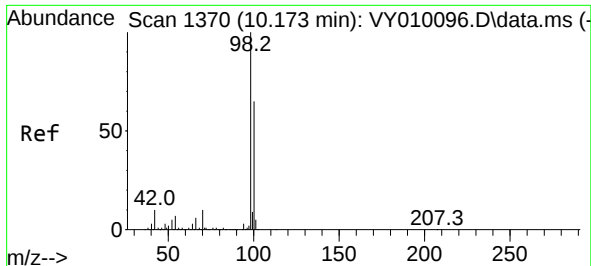
Tgt Ion: 75 Resp: 11785
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.6 56.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.185 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.109 min
 Lab File: VY010163.D
 Acq: 23 Aug 2022 14:25

Tgt Ion: 117 Resp: 15145
 Ion Ratio Lower Upper
 117 100
 119 5.7 77.1 115.7#
 121 0.0 24.7 37.1#

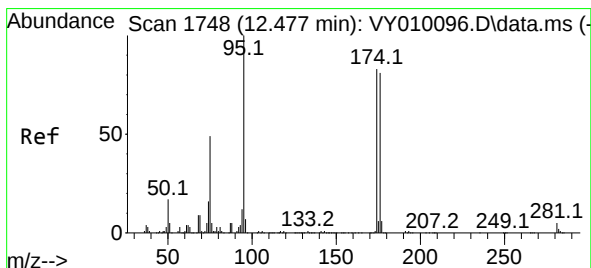
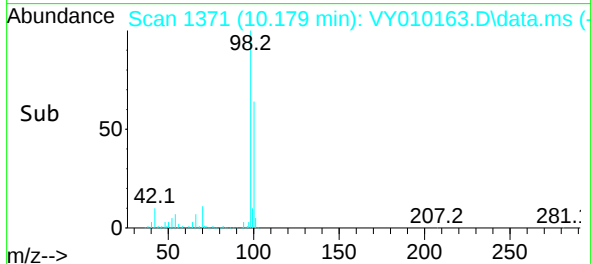
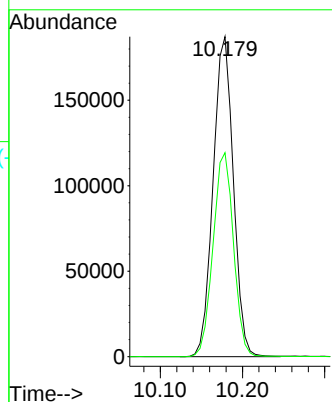
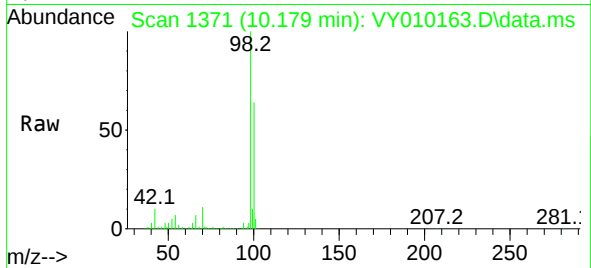




#50
Toluene-d8
Concen: 48.950 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

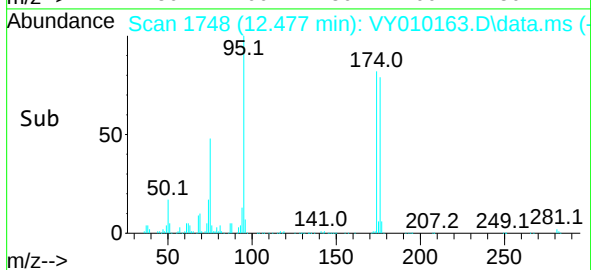
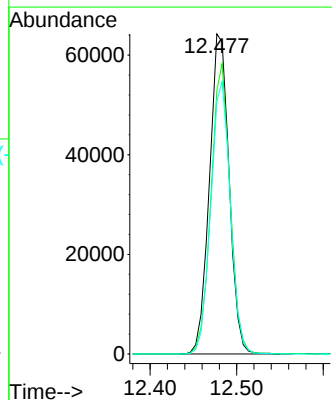
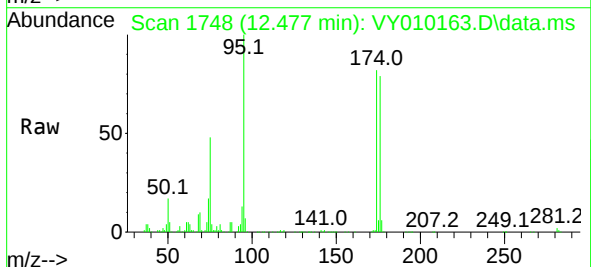
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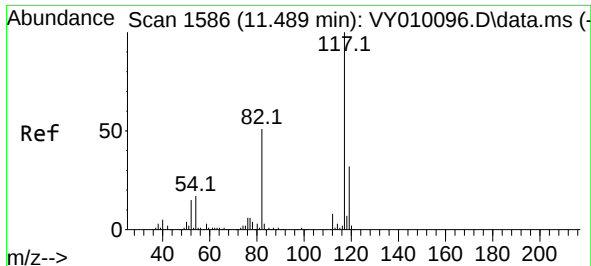
Tgt Ion: 98 Resp: 320067
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.341 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion: 95 Resp: 101254
Ion Ratio Lower Upper
95 100
174 88.4 0.0 173.8
176 84.4 0.0 167.2

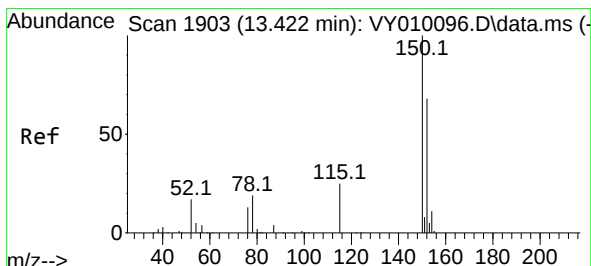
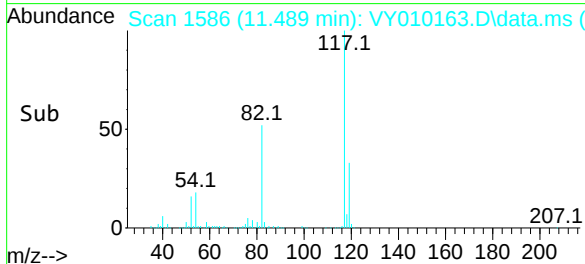
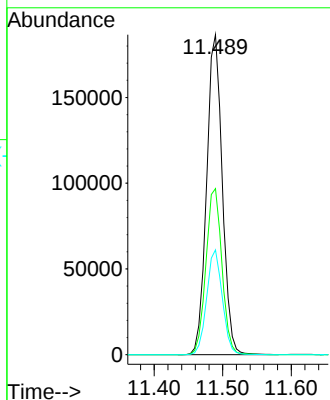
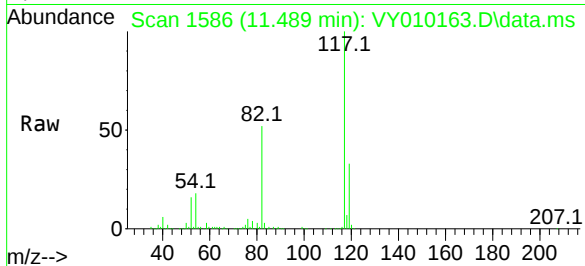




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

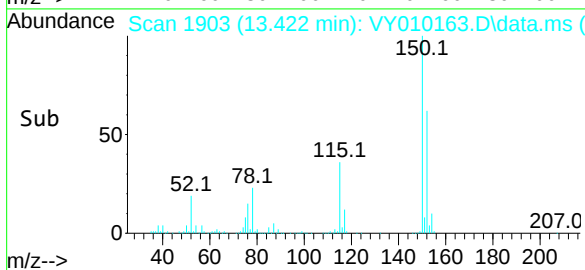
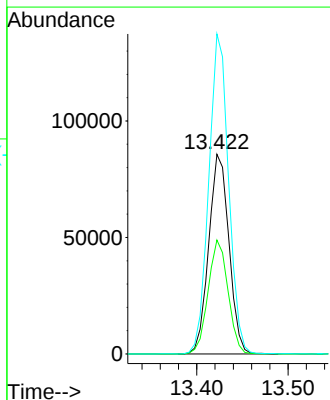
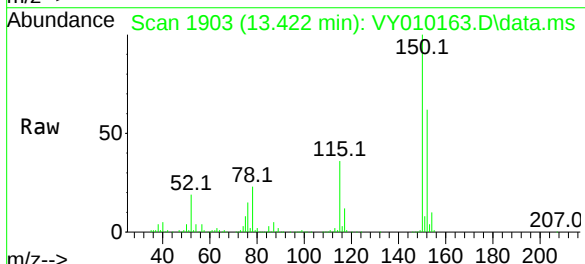
Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

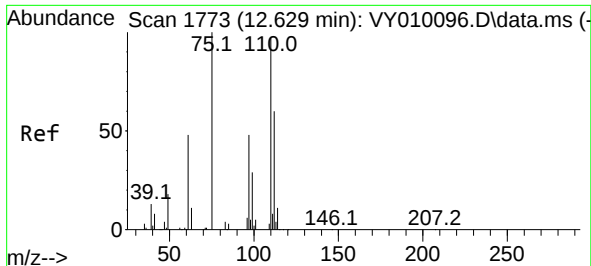
Tgt Ion:117 Resp: 296939
Ion Ratio Lower Upper
117 100
82 51.9 40.6 61.0
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Tgt Ion:152 Resp: 131756
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.2
150 156.9 0.0 346.2

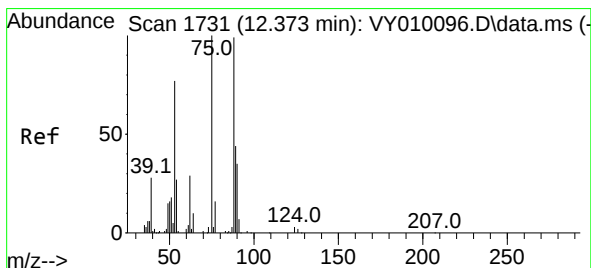
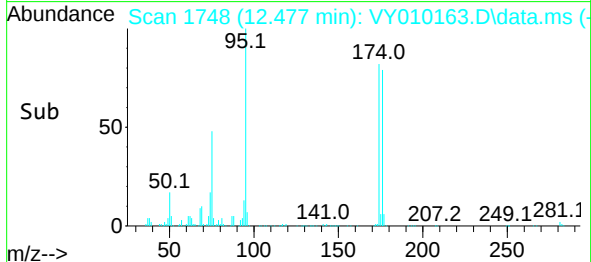
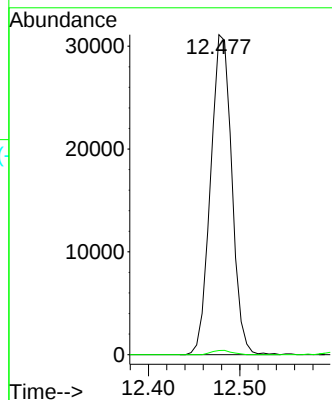
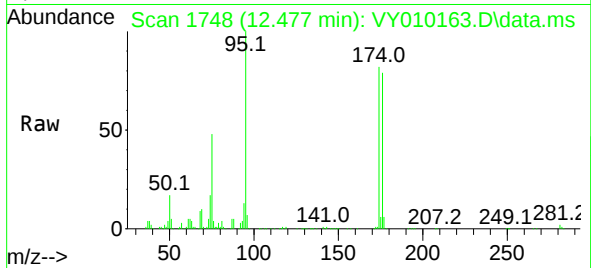




#76
1,2,3-Trichloropropane
Concen: 40.659 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

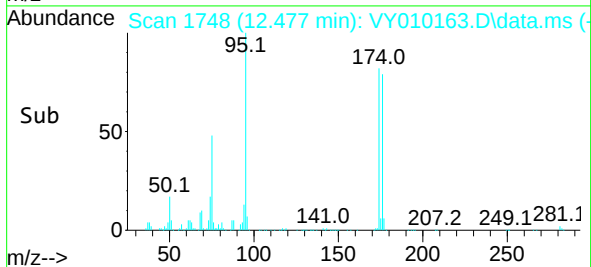
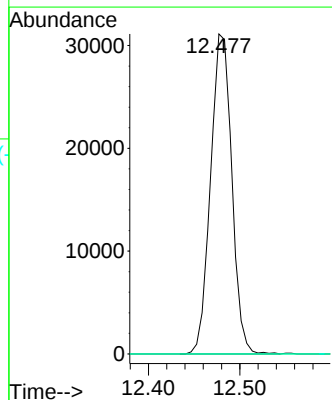
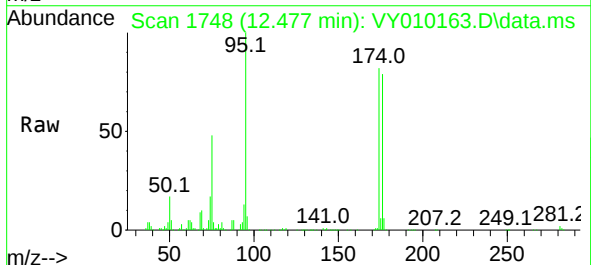
Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C

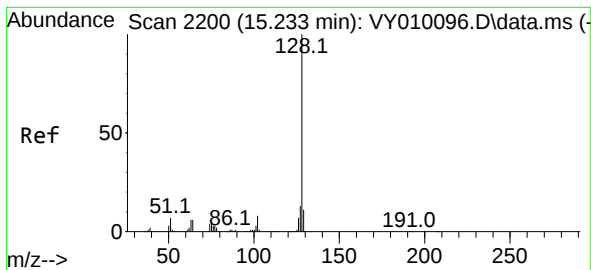
Tgt Ion: 75 Resp: 50170
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.663 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

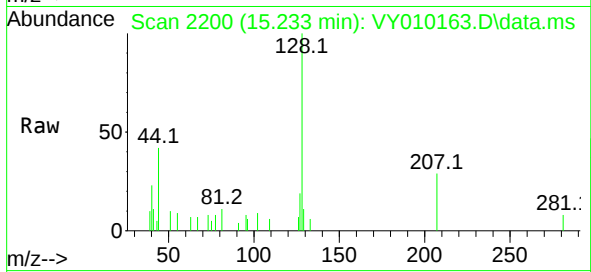
Tgt Ion: 75 Resp: 50170
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 36.8 55.2#





#95
Naphthalene
Concen: 4.267 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010163.D
Acq: 23 Aug 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
BLDG-19C



Tgt Ion:128 Resp: 2048
Ion Ratio Lower Upper
128 100
127 15.6 10.2 15.2#
129 12.0 8.9 13.3

