

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010102.D
 Acq On : 19 Aug 2022 14:40
 Operator : KP/MD
 Sample : VY0819SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBL01

Quant Time: Aug 22 02:39:38 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)

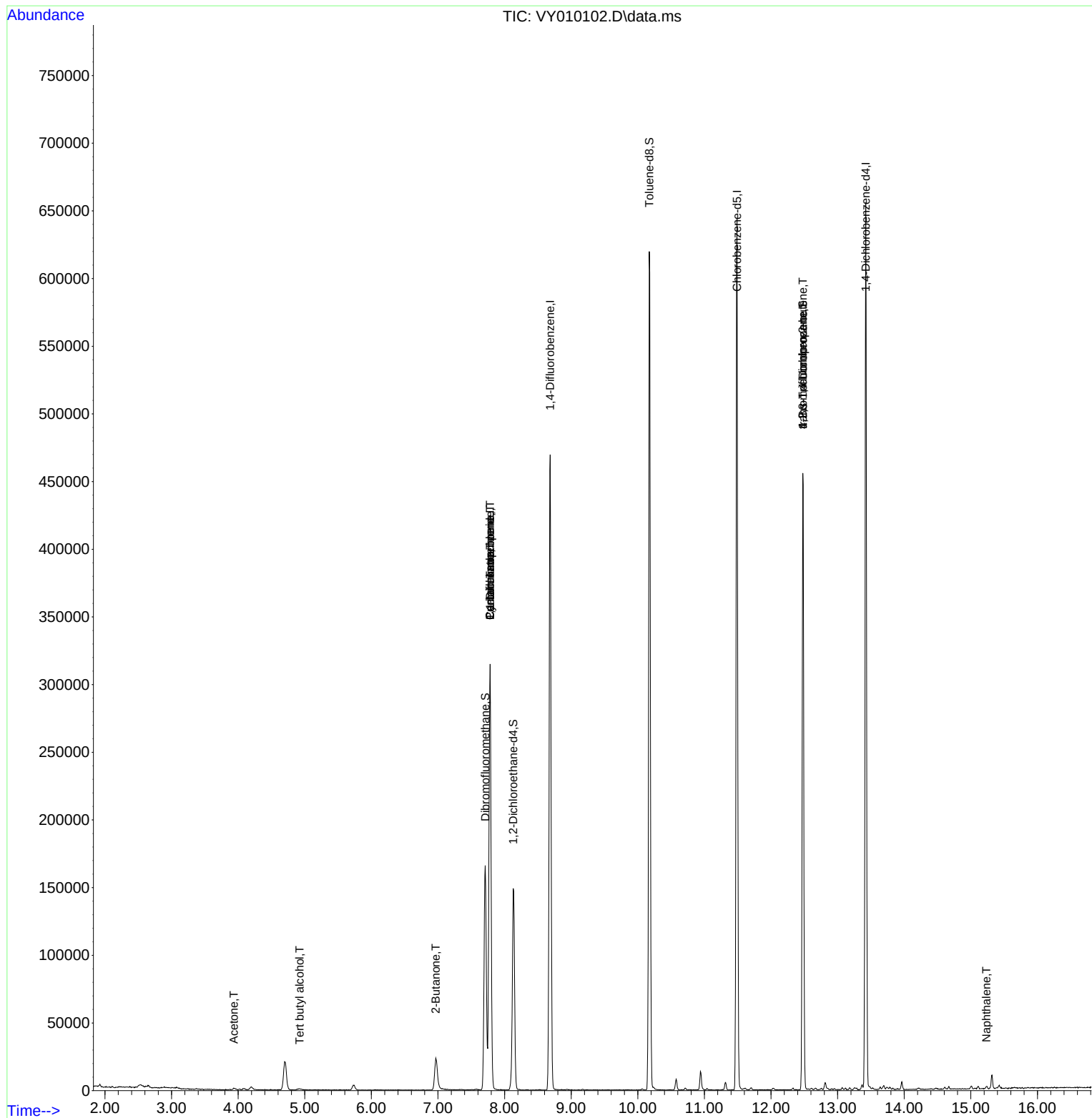
Internal Standards						
1) Pentafluorobenzene	7.783	168	255424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	424535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	110578	52.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.700%	
35) Dibromofluoromethane	7.710	113	122001	51.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.172	98	421942	47.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.477	95	144628	45.159	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	1357	16.449	ug/l #	73
16) Acetone	3.936	43	1832	3.499	ug/l	93
20) Methylene Chloride	4.710	84	16940	Below Cal		93
25) 2-Butanone	6.966	43	1629	1.934	ug/l	99
31) Cyclohexane	7.783	56	4406	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18048	4.727	ug/l #	48
38) Carbon Tetrachloride	7.783	117	23942	5.979	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	68511	41.995	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68511	84.347	ug/l #	18
95) Naphthalene	15.233	128	1765	4.135	ug/l #	94

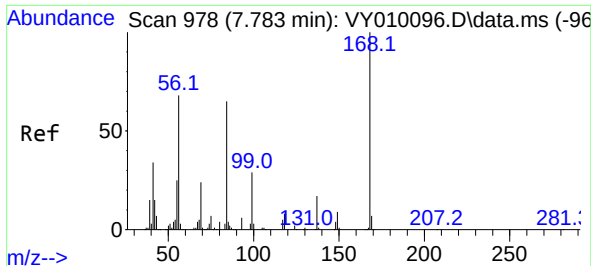
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

Quant Time: Aug 22 02:39:38 2022
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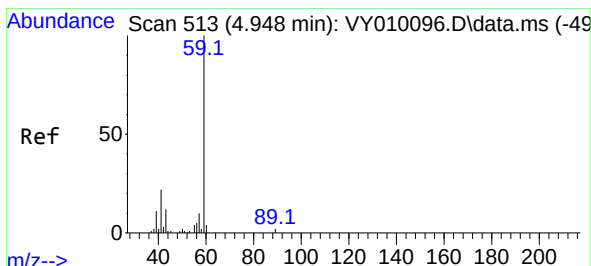
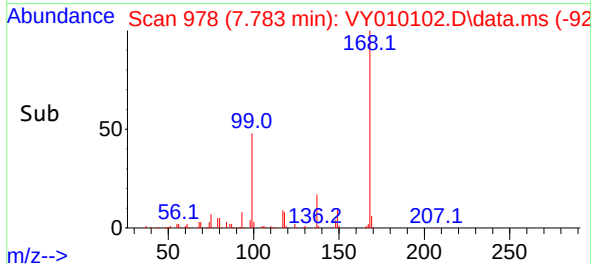
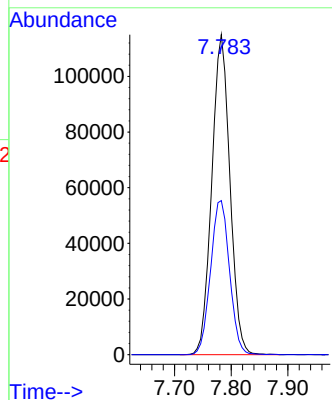
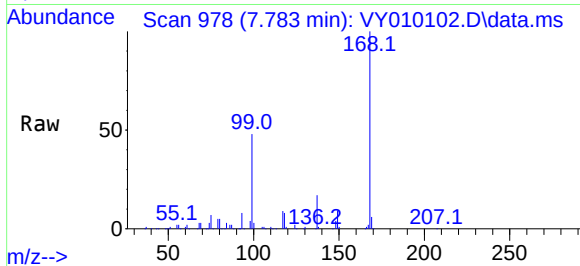




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

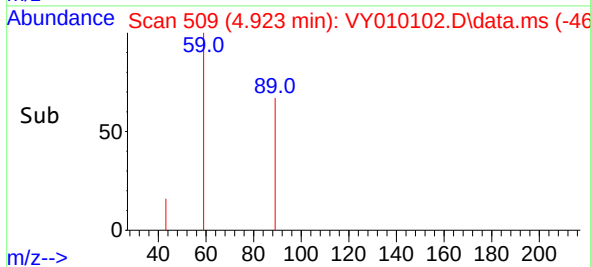
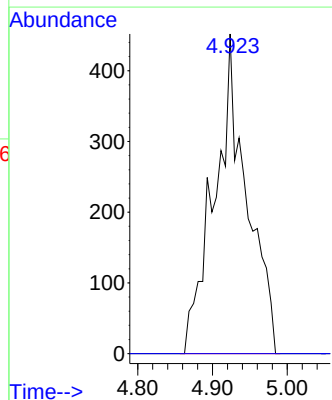
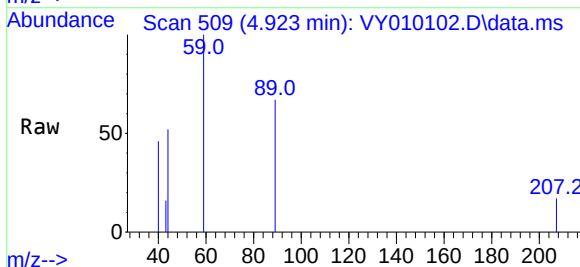
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

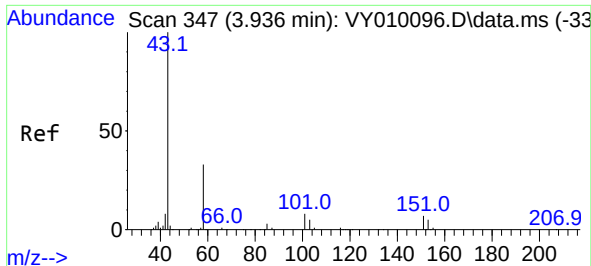
Tgt Ion:168 Resp: 255424
Ion Ratio Lower Upper
168 100
99 48.1 40.7 61.1



#11
Tert butyl alcohol
Concen: 16.449 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 59 Resp: 1357
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

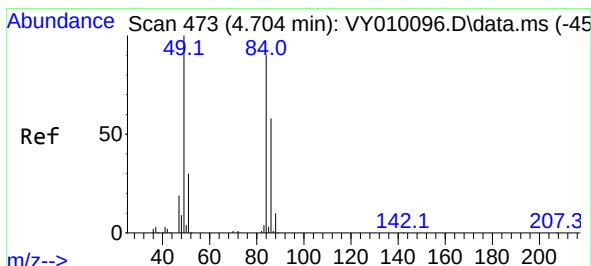
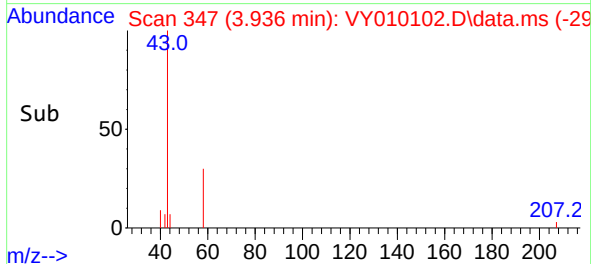
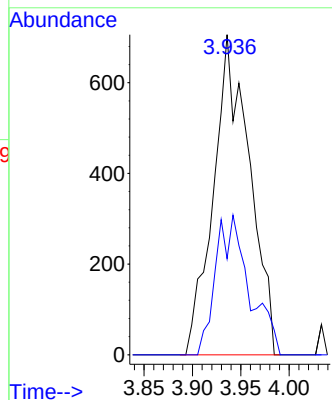
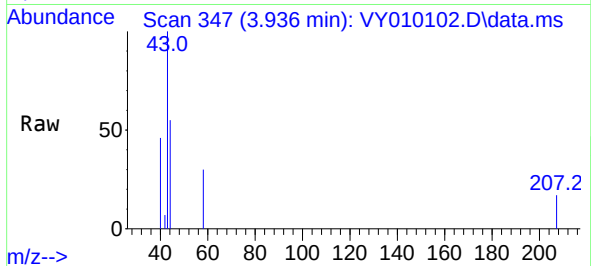




#16
Acetone
Concen: 3.499 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

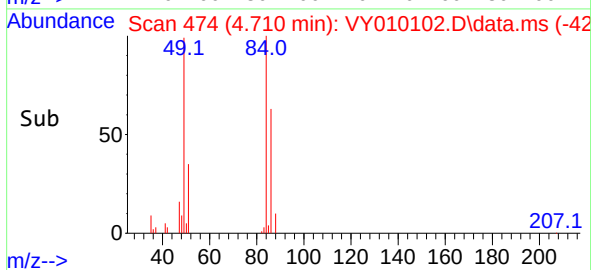
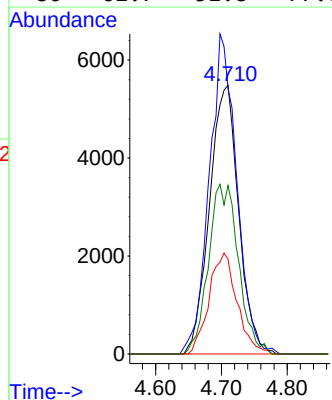
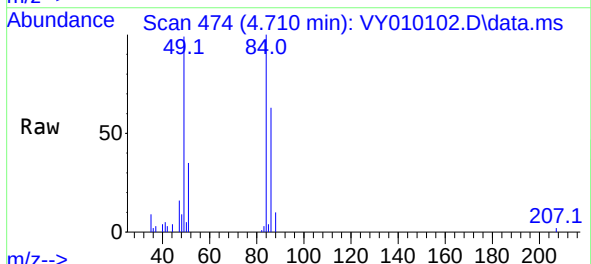
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

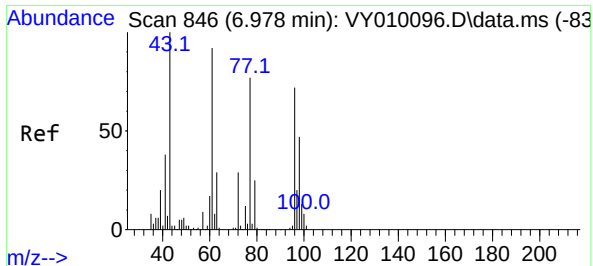
Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 30.0 27.4 41.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 84 Resp: 16940
Ion Ratio Lower Upper
84 100
49 98.7 89.0 133.4
51 35.3 27.0 40.6
86 62.7 51.8 77.6

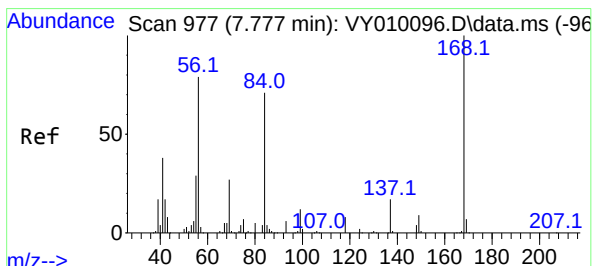
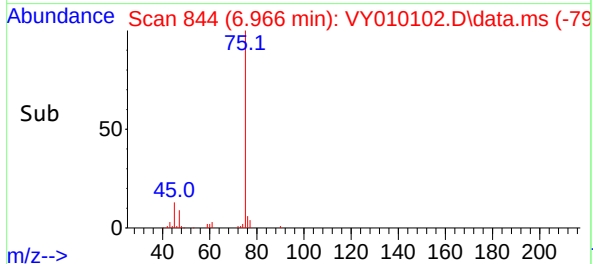
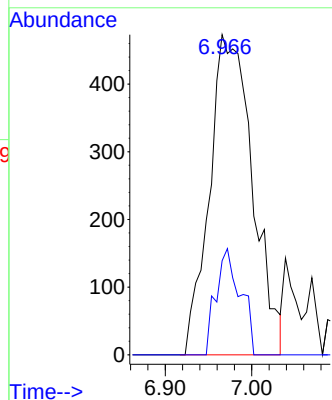
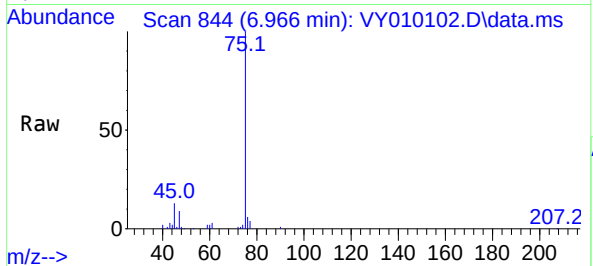




#25
2-Butanone
Concen: 1.934 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

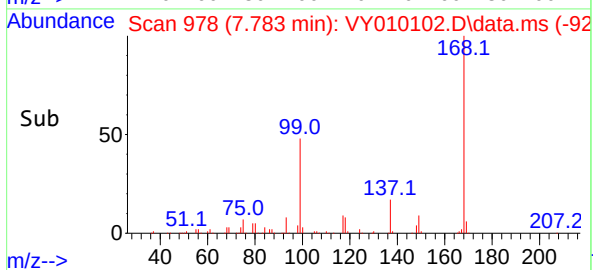
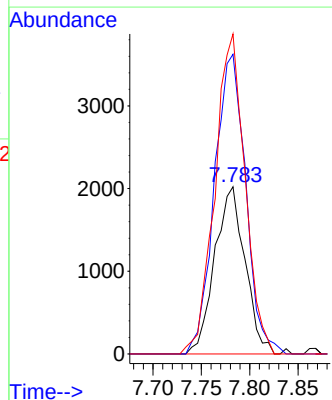
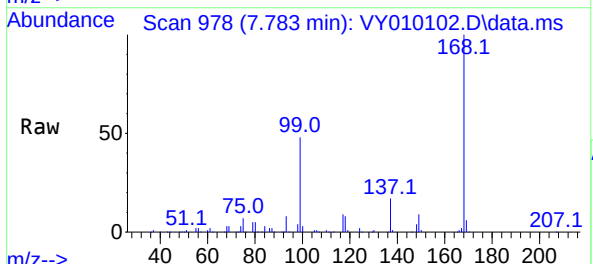
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

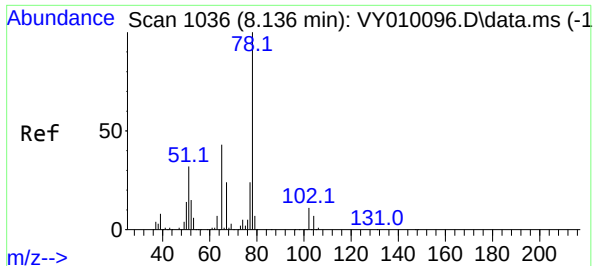
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
72 29.4 23.2 34.8



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 56 Resp: 4406
Ion Ratio Lower Upper
56 100
69 179.3 27.3 40.9#
84 191.4 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 52.853 ug/l

RT: 8.130 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VY010102.D

Acq: 19 Aug 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

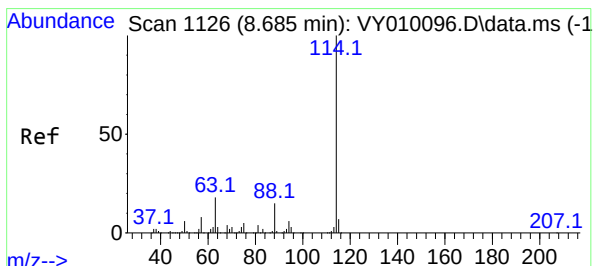
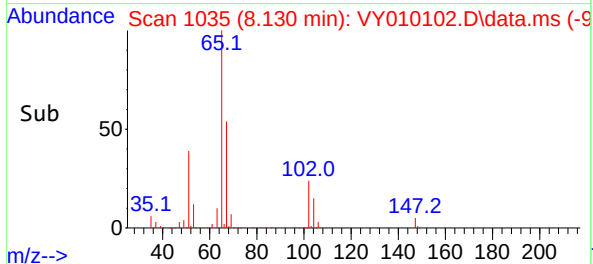
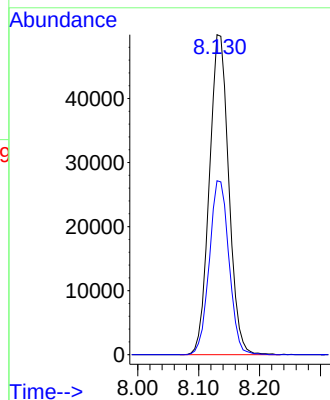
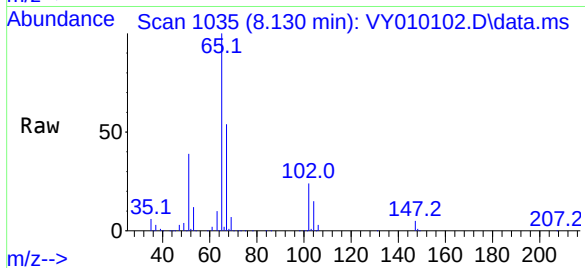
VY0819SBL01

Tgt Ion: 65 Resp: 110578

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: VY010102.D

Acq: 19 Aug 2022 14:40

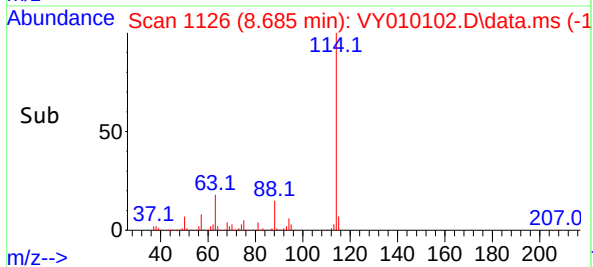
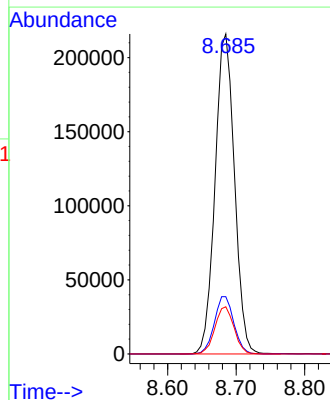
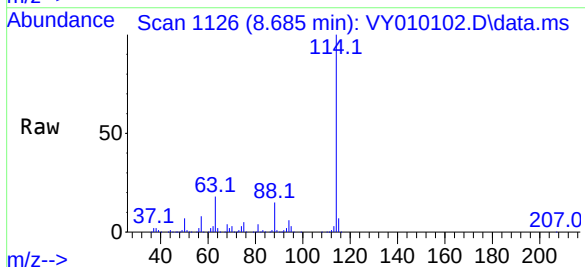
Tgt Ion: 114 Resp: 424535

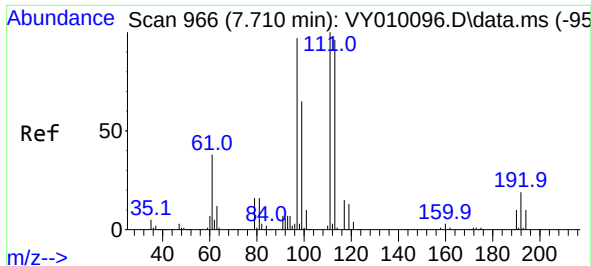
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.7 0.0 29.6

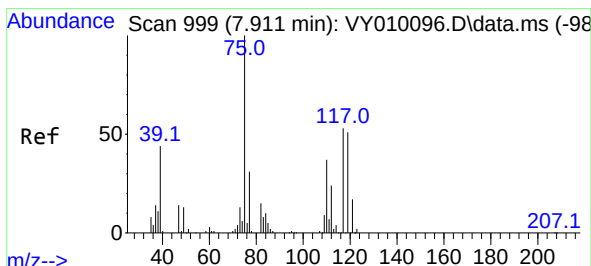
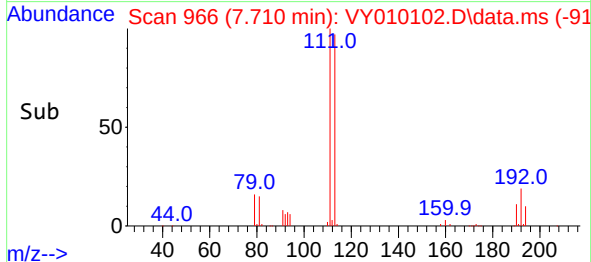
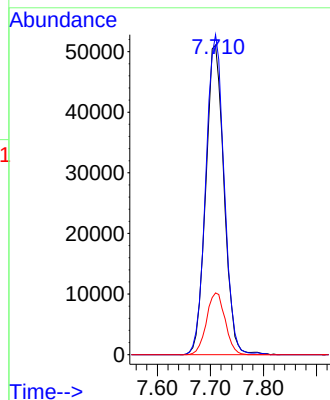
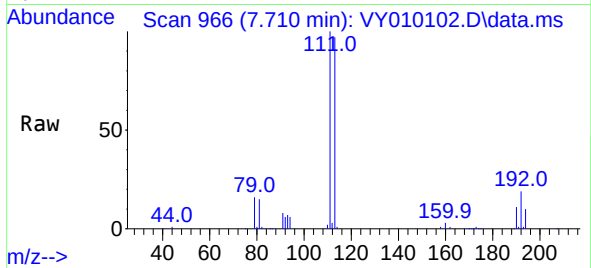




#35
Dibromofluoromethane
Concen: 51.000 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

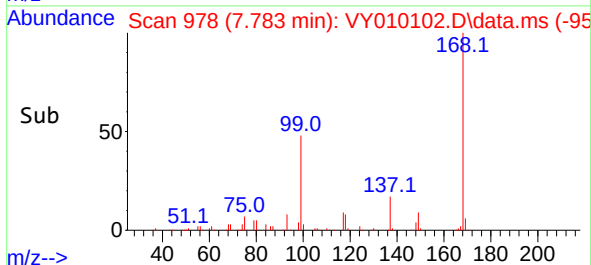
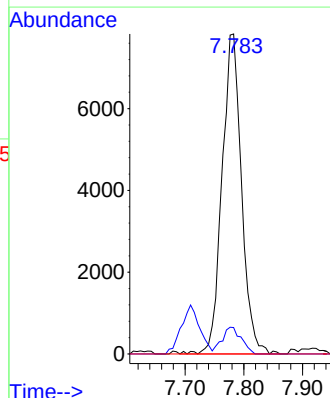
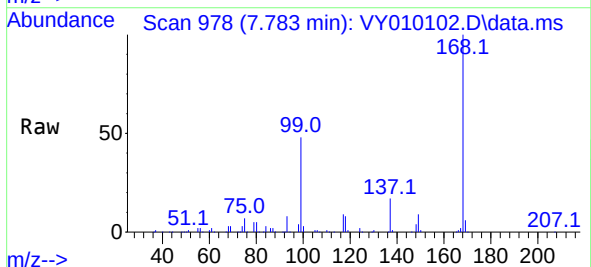
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

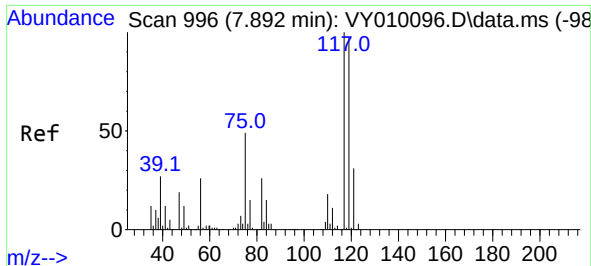
Tgt Ion:113 Resp: 122001
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 20.4 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 75 Resp: 18048
Ion Ratio Lower Upper
75 100
110 8.3 18.6 56.0#
77 0.0 24.9 37.3#

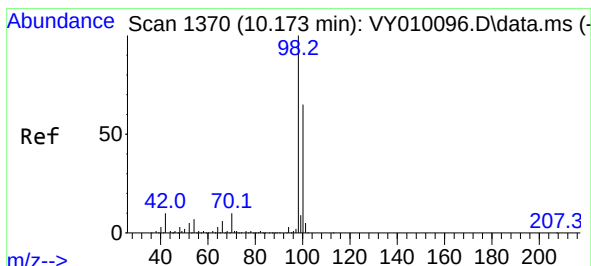
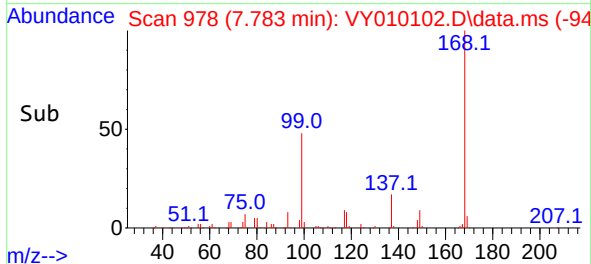
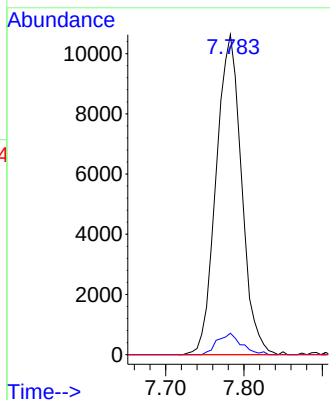
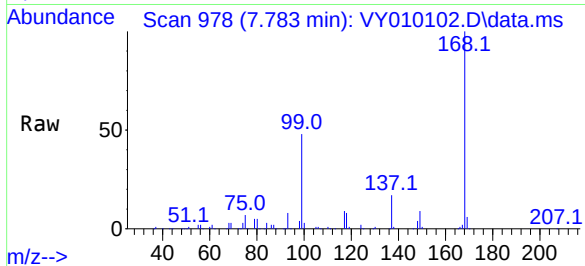




#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

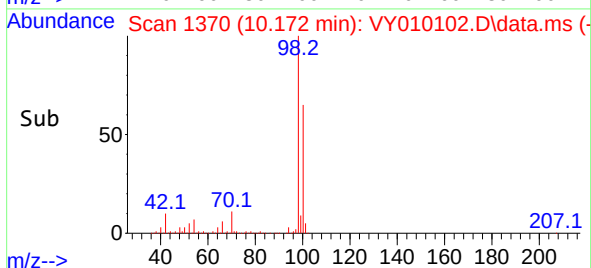
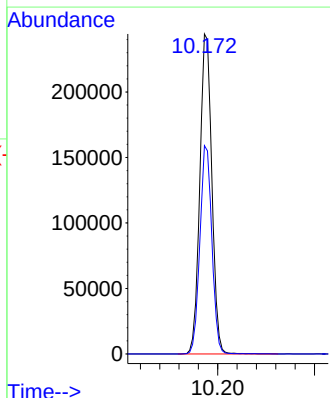
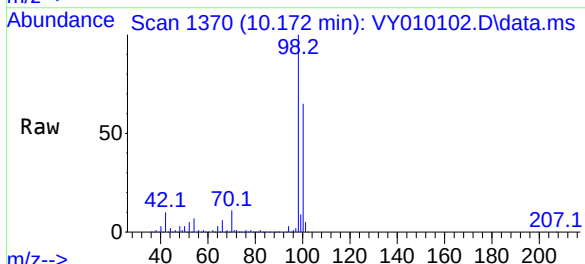
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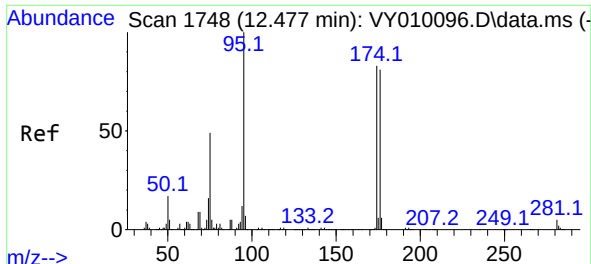
Tgt Ion:117 Resp: 23942
Ion Ratio Lower Upper
117 100
119 6.7 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.072 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.001 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 98 Resp: 421942
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

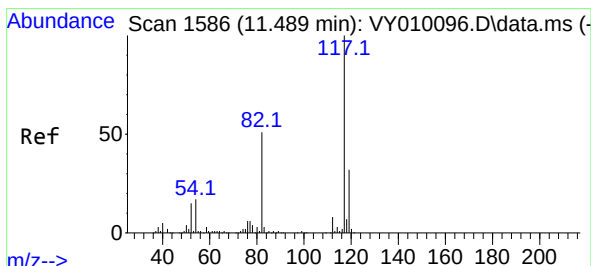
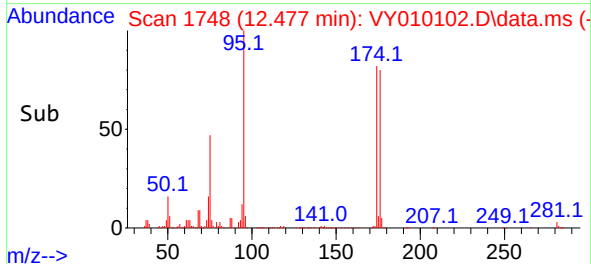
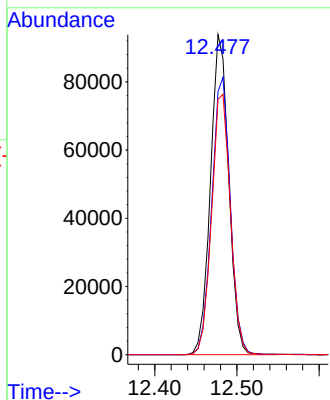
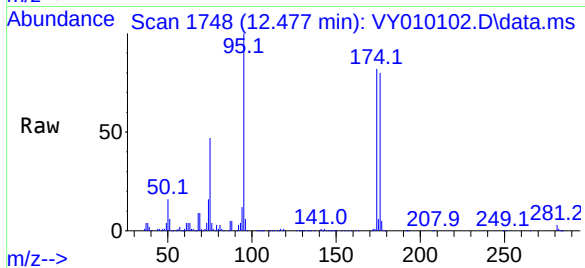




#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

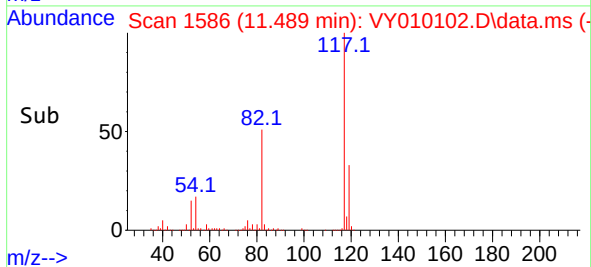
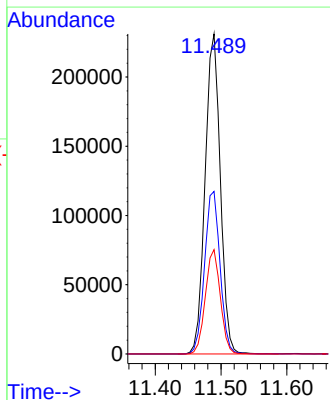
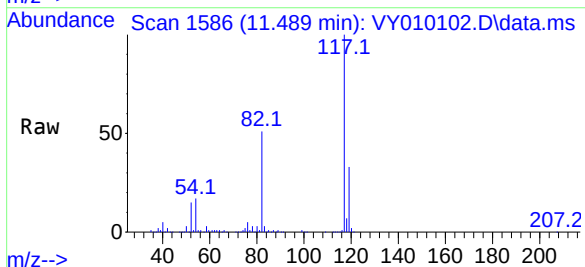
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

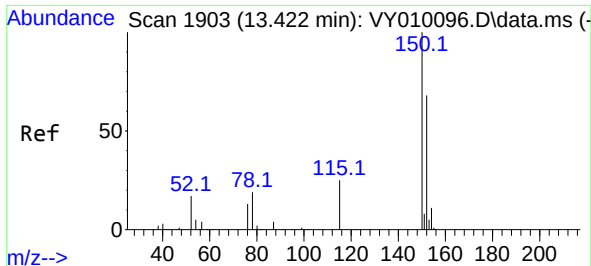
Tgt Ion: 95 Resp: 144628
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.8
176 84.1 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 117 Resp: 372378
Ion Ratio Lower Upper
117 100
82 50.8 40.6 61.0
119 32.6 25.8 38.8

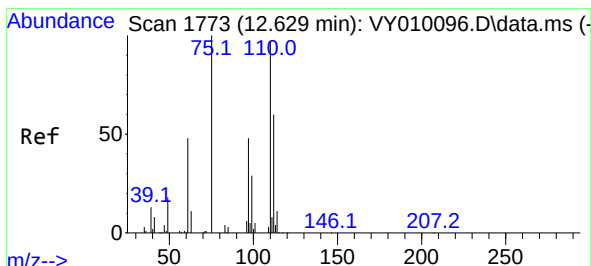
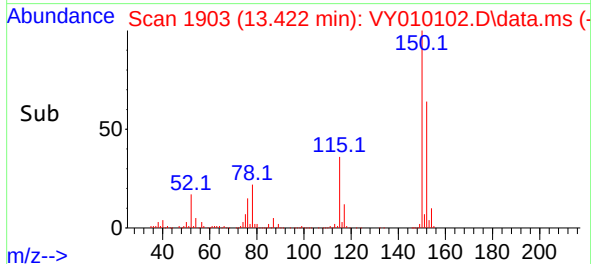
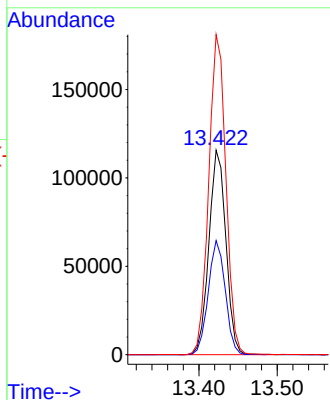
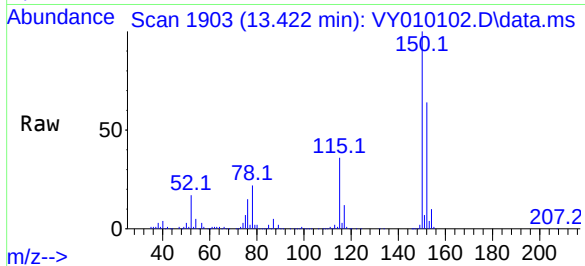




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

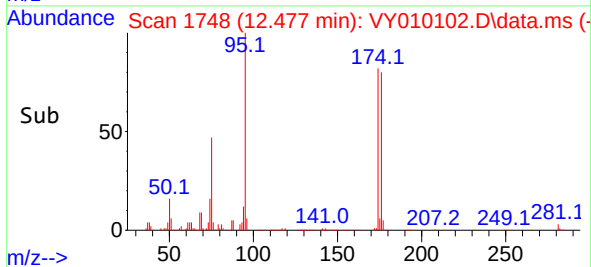
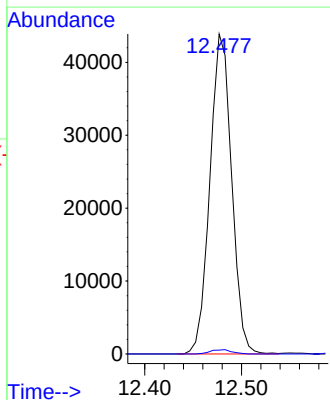
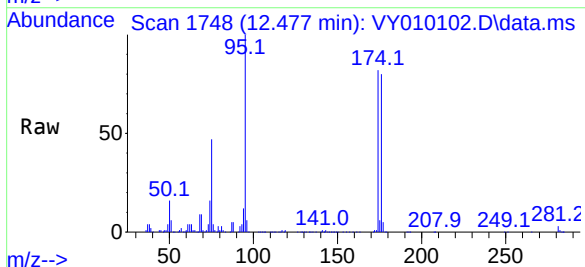
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

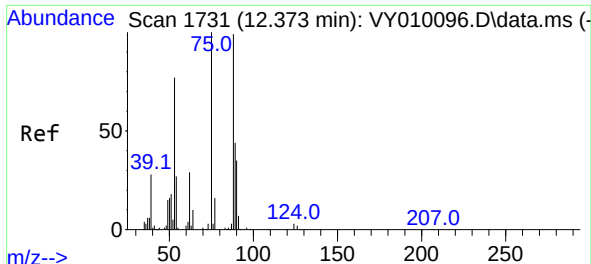
Tgt Ion:152 Resp: 174198
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.2
150 157.7 0.0 346.2



#76
1,2,3-Trichloropropane
Concen: 41.995 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion: 75 Resp: 68511
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

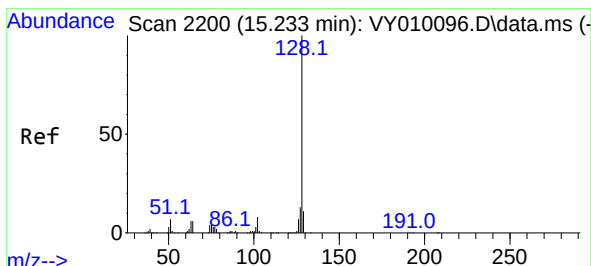
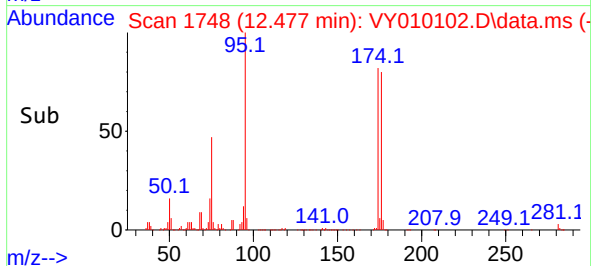
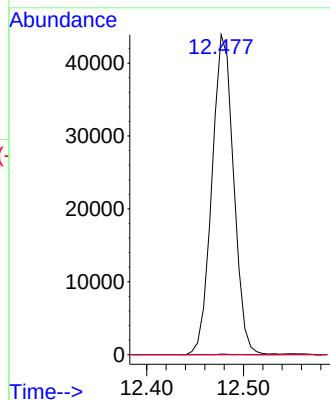
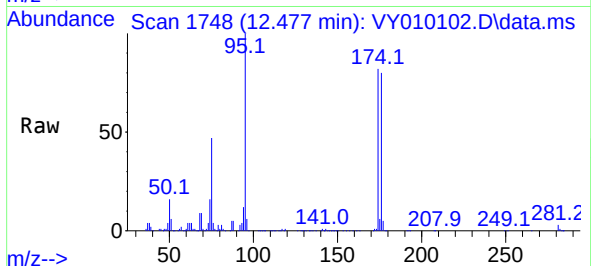




#81
trans-1,4-Dichloro-2-butene
Concen: 84.347 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBL01

Tgt Ion: 75 Resp: 68511
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 36.8 55.2#



#95
Naphthalene
Concen: 4.135 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010102.D
Acq: 19 Aug 2022 14:40

Tgt Ion:128 Resp: 1765
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.2
129 8.5 8.9 13.3#

