

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012098.D
 Acq On : 06 Jan 2023 17:48
 Operator : KP/MD
 Sample : 01053-01
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-201

Quant Time: Jan 07 01:49:46 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)

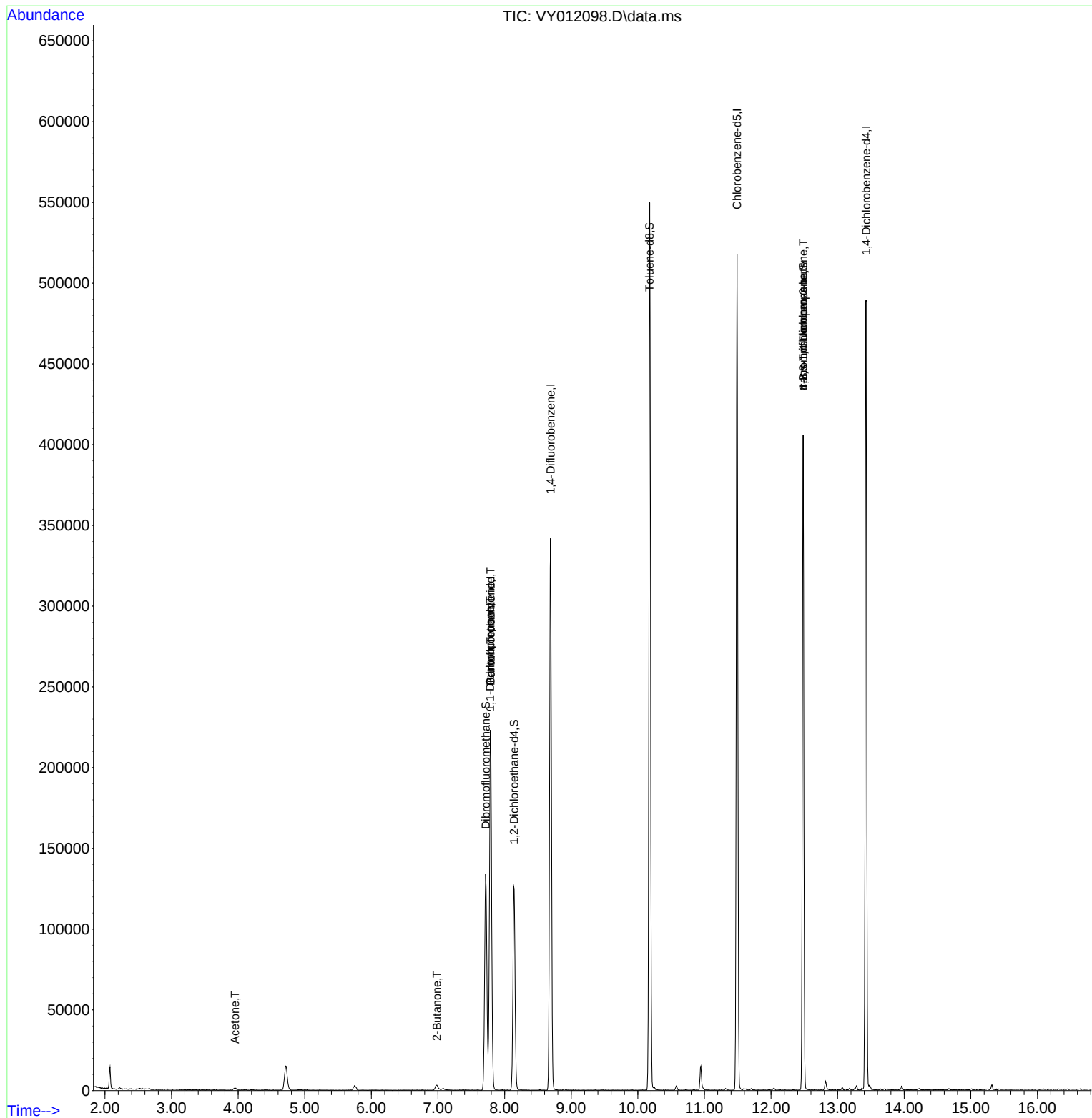
Internal Standards						
1) Pentafluorobenzene	7.789	168	173802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105059	53.795	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.600%			
35) Dibromofluoromethane	7.716	113	92106	46.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.700%			
50) Toluene-d8	10.179	98	360000	46.396	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.800%			
62) 4-Bromofluorobenzene	12.483	95	117483	43.317	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.640%			
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	53	Below Cal	#	41
3) Chloromethane	2.113	50	211	Below Cal	#	41
5) Bromomethane	2.662	94	297	Below Cal	#	54
11) Tert butyl alcohol	4.923	59	348	Below Cal	#	74
16) Acetone	3.954	43	2517	5.479	ug/l #	82
17) Carbon Disulfide	4.180	76	41	Below Cal	#	75
25) 2-Butanone	6.984	43	965	1.592	ug/l #	46
31) Cyclohexane	7.789	56	3379	Below Cal	#	4
36) 1,1-Dichloropropene	7.783	75	11983	4.018	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17287	4.567	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	61982	40.561	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61982	90.080	ug/l #	13

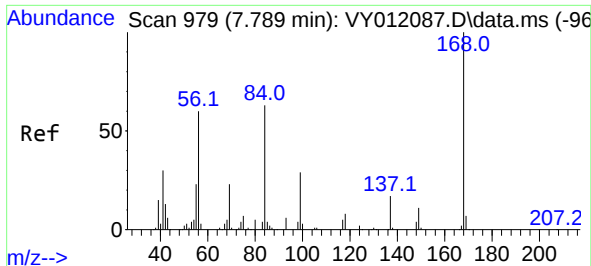
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
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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

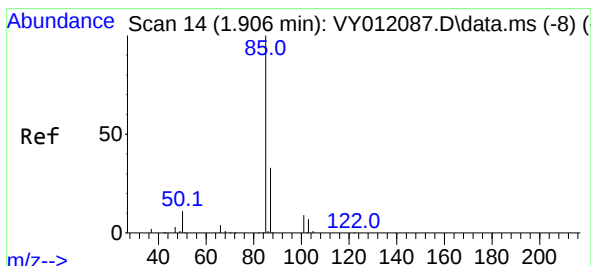
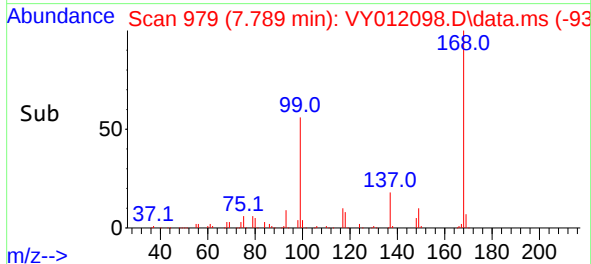
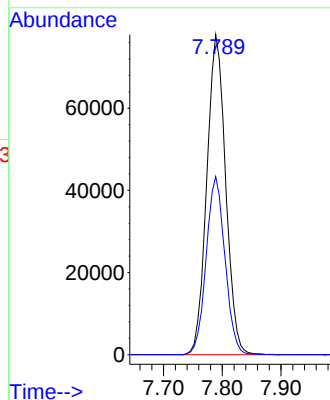
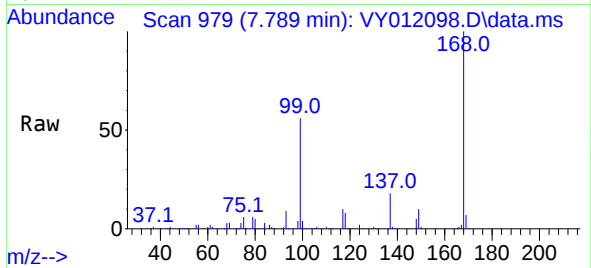




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

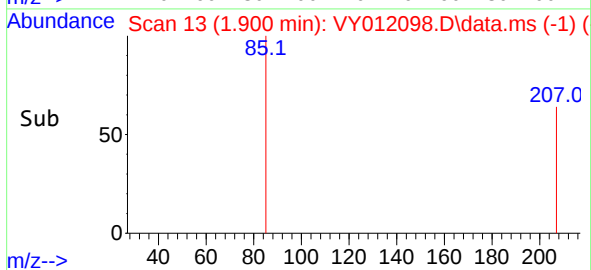
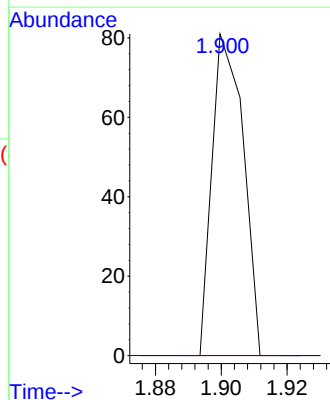
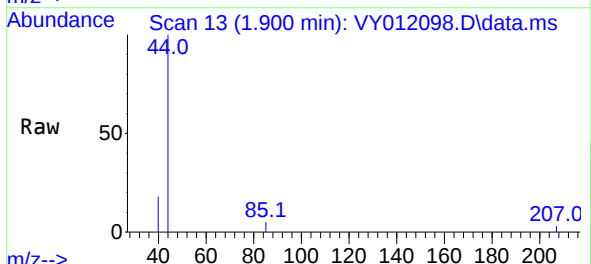
Instrument :
MSVOA_Y
ClientSampleId :
TP-201

Tgt Ion:168 Resp: 173802
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0

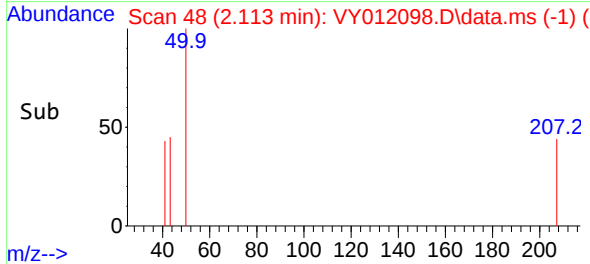
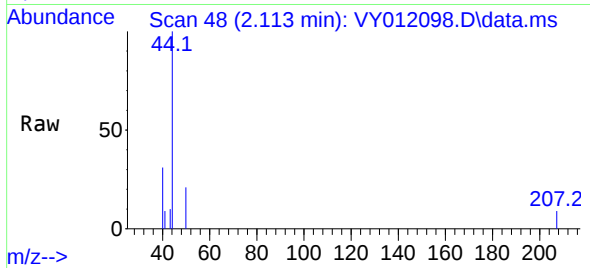
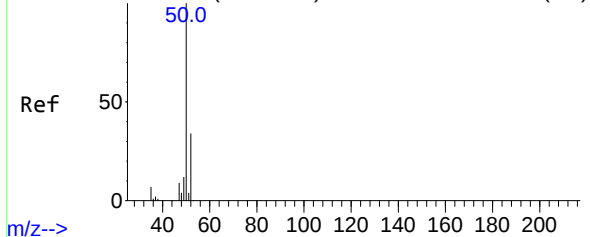


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 85 Resp: 53
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# 41

Delta R.T. -0.000 min

Lab File: VY012098.D

Acq: 06 Jan 2023 17:48

Instrument :

MSVOA_Y

ClientSampleId :

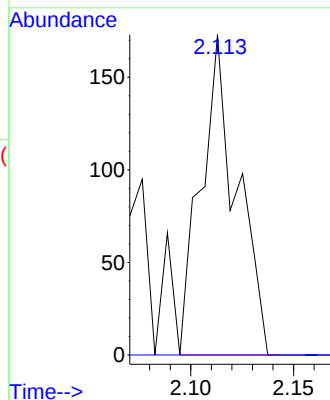
TP-201

Tgt Ion: 50 Resp: 211

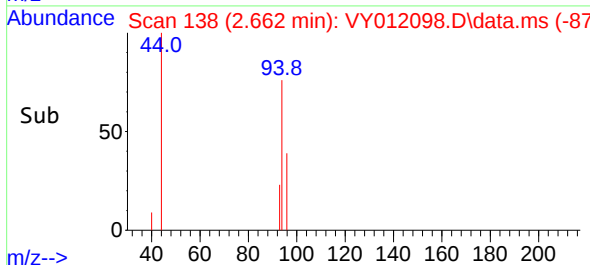
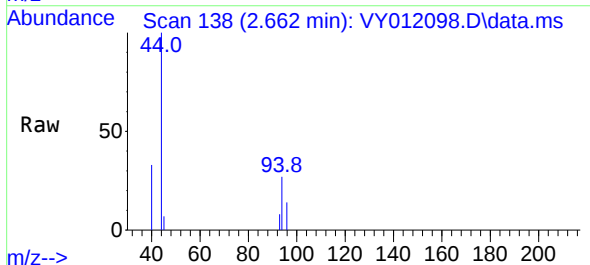
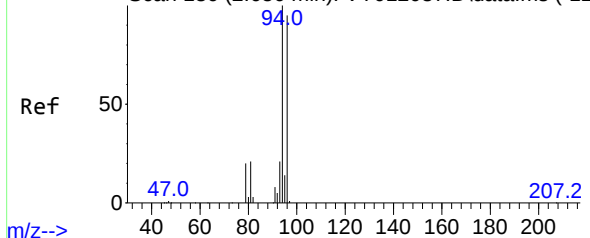
Ion Ratio Lower Upper

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: VY012098.D

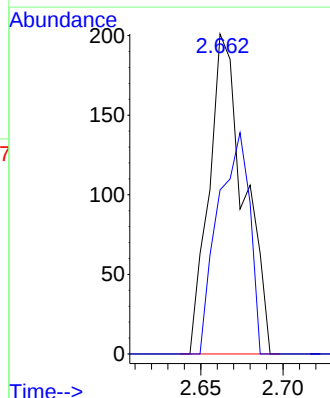
Acq: 06 Jan 2023 17:48

Tgt Ion: 94 Resp: 297

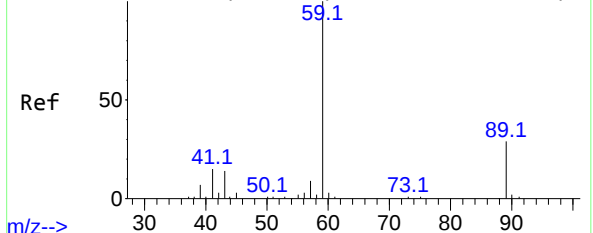
Ion Ratio Lower Upper

94 100

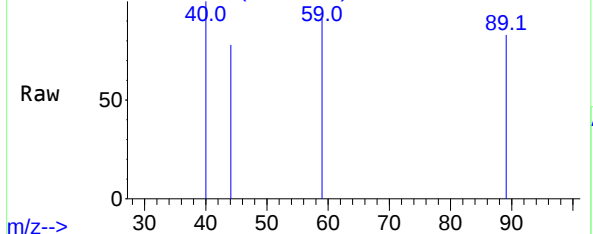
96 51.2 77.4 116.2#



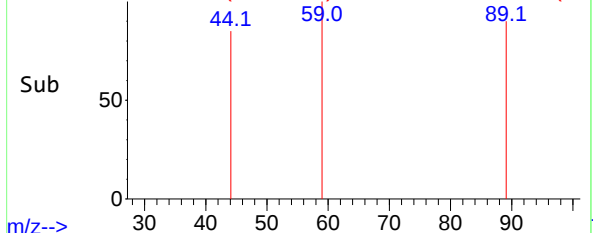
Abundance Scan 513 (4.948 min): VY012087.D\data.ms (-49



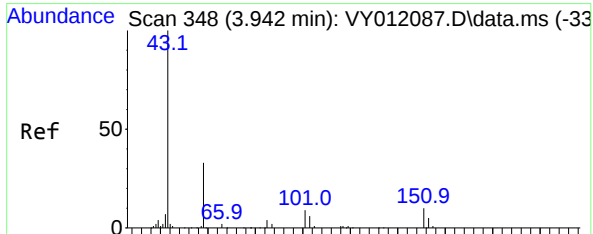
m/z--> Scan 509 (4.923 min): VY012098.D\data.ms



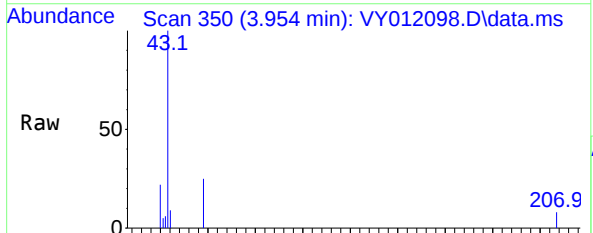
Abundance Scan 509 (4.923 min): VY012098.D\data.ms (-46



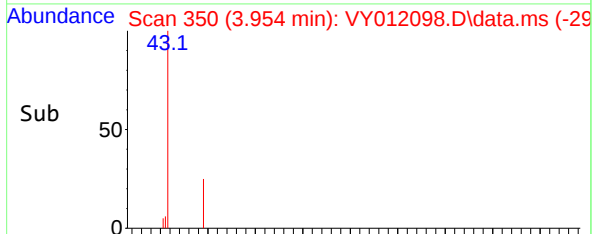
m/z--> Scan 348 (3.942 min): VY012087.D\data.ms (-33



m/z--> Scan 350 (3.954 min): VY012098.D\data.ms



Abundance Scan 350 (3.954 min): VY012098.D\data.ms (-29



m/z-->

#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.923 min Scan# 509

Delta R.T. -0.025 min

Lab File: VY012098.D

Acq: 06 Jan 2023 17:48

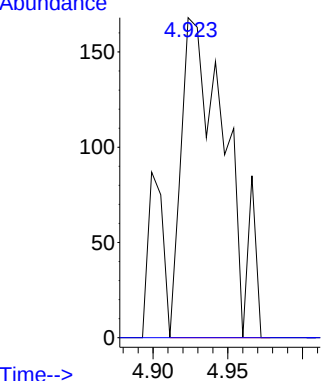
Tgt Ion: 59 Resp: 348

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#

Abundance



Time-->

#16

Acetone

Concen: 5.479 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY012098.D

Acq: 06 Jan 2023 17:48

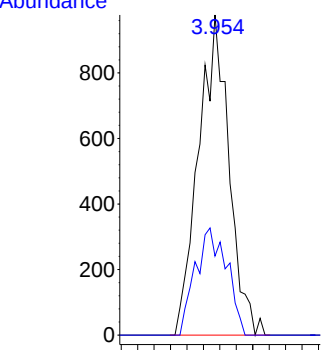
Tgt Ion: 43 Resp: 2517

Ion Ratio Lower Upper

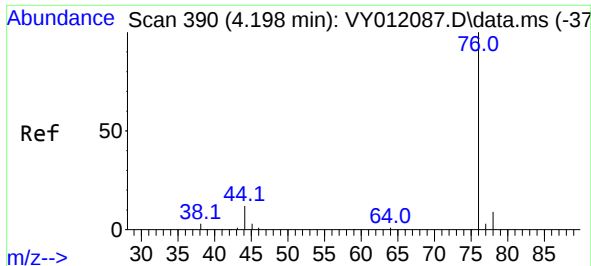
43 100

58 24.7 27.9 41.9#

Abundance



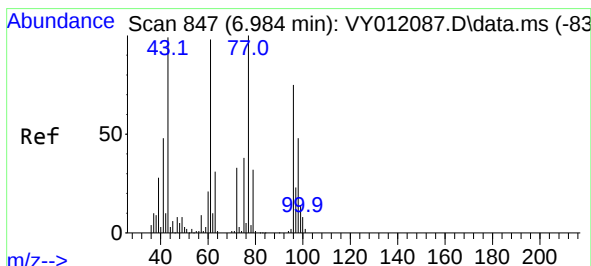
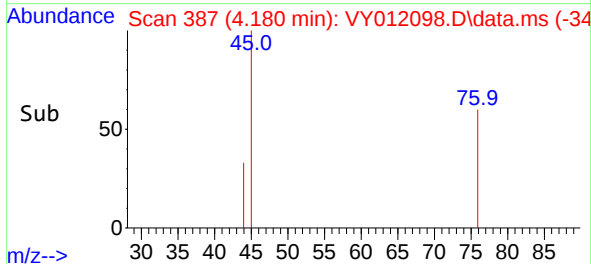
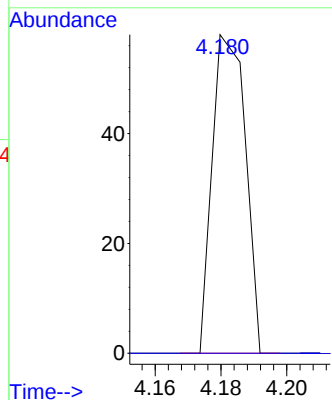
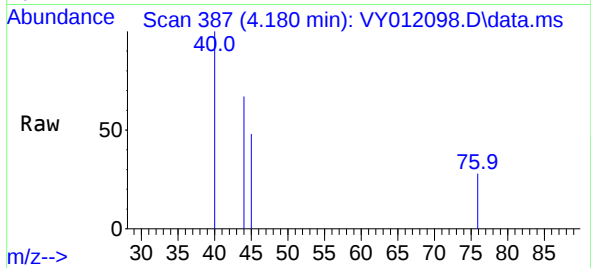
Time-->



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 390
Delta R.T. -0.018 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

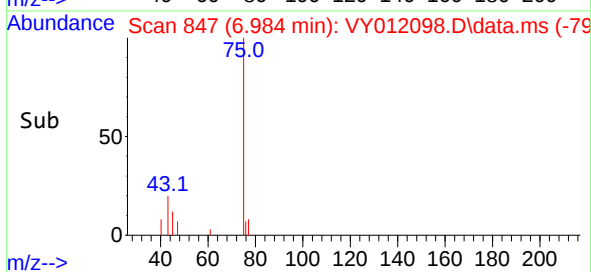
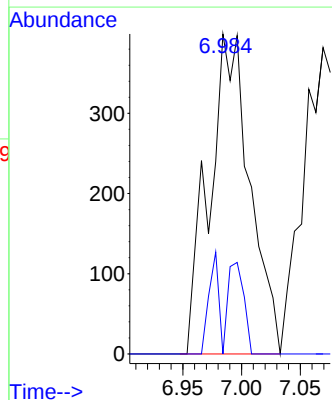
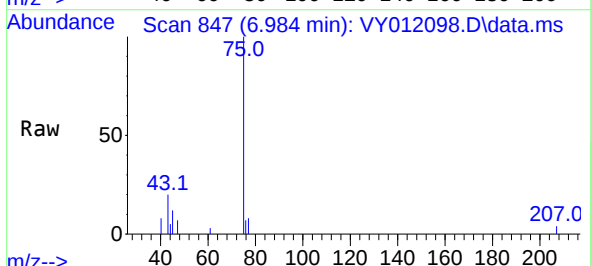
Instrument :
MSVOA_Y
ClientSampleId :
TP-201

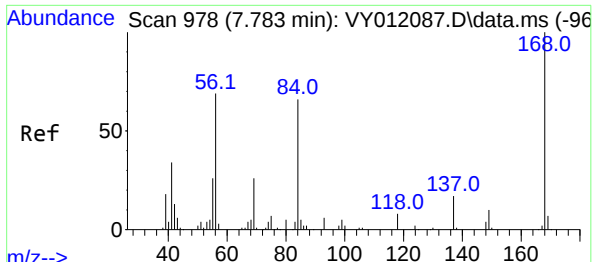
Tgt Ion: 76 Resp: 41
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 1.592 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

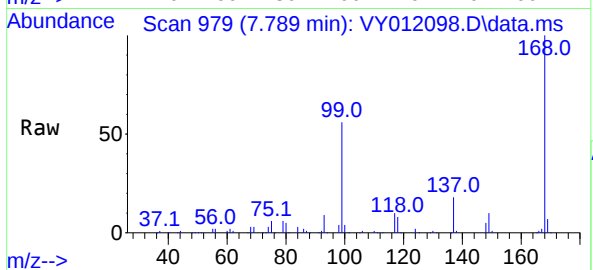
Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



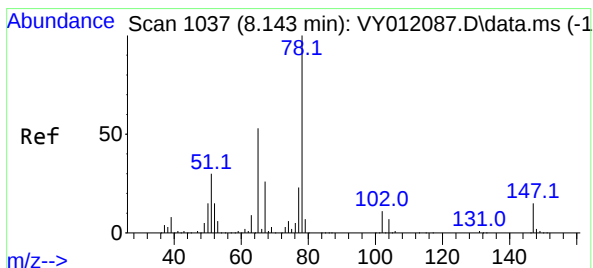
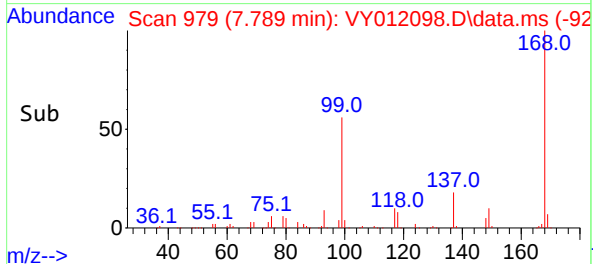
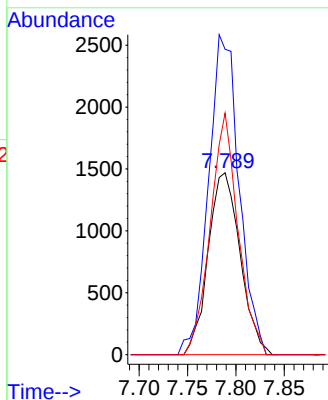


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-201

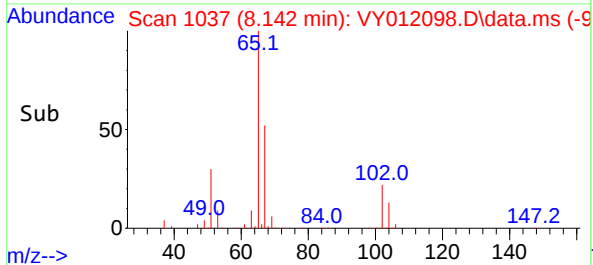
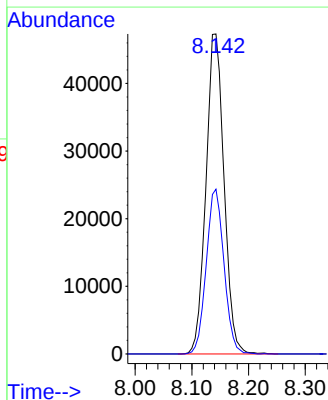
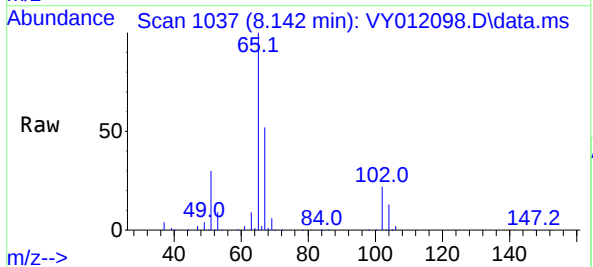


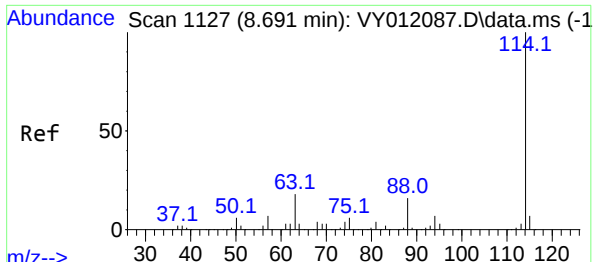
Tgt Ion: 56 Resp: 3379
Ion Ratio Lower Upper
56 100
69 168.0 29.2 43.8#
84 132.9 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 53.795 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 65 Resp: 105059
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.2

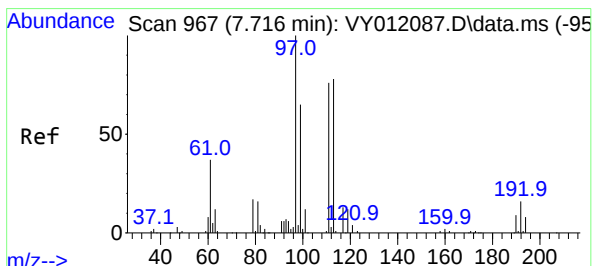
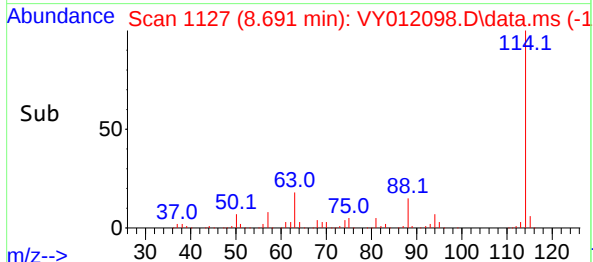
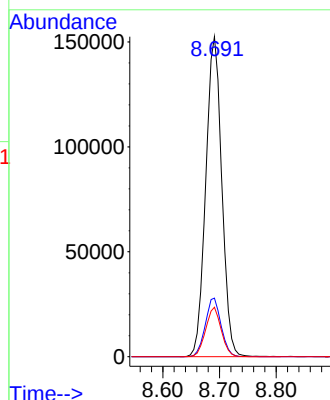
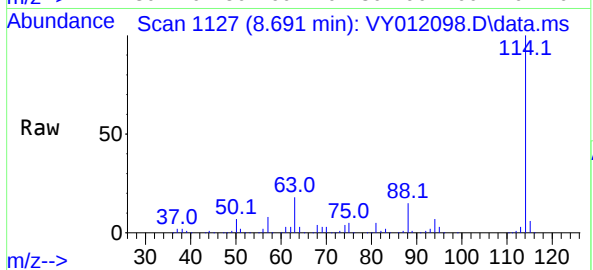




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

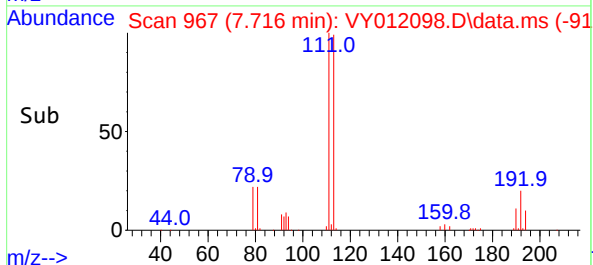
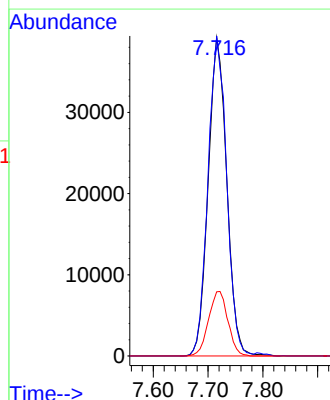
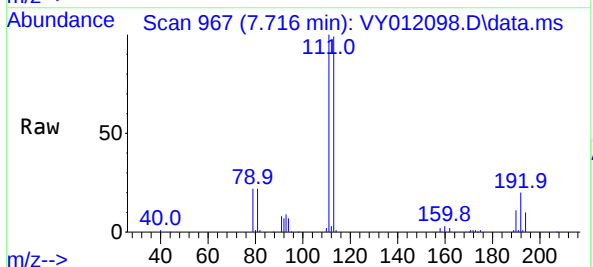
Instrument :
MSVOA_Y
ClientSampleId :
TP-201

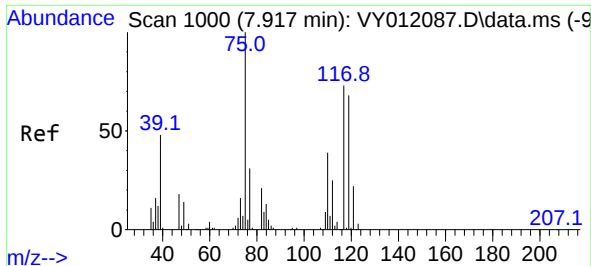
Tgt Ion:114 Resp: 299087
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.6
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.853 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion:113 Resp: 92106
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.4
192 21.1 16.0 24.0

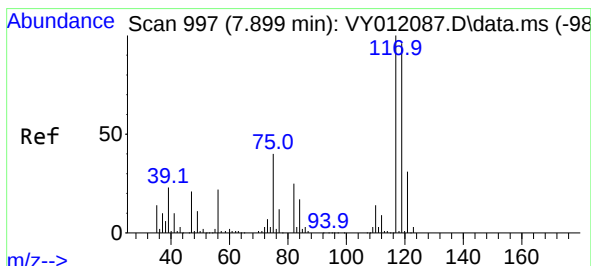
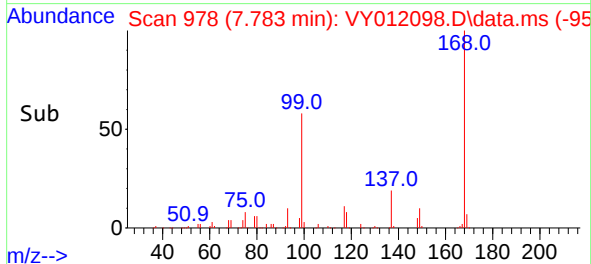
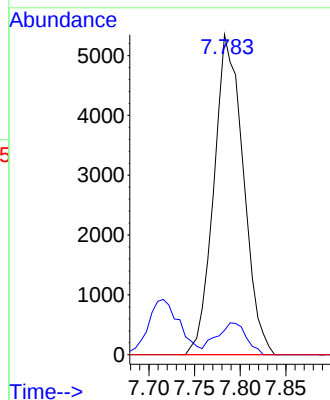
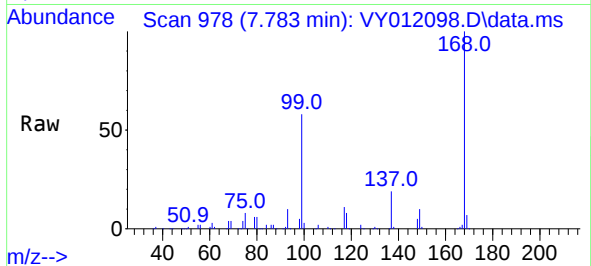




#36
1,1-Dichloropropene
Concen: 4.018 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

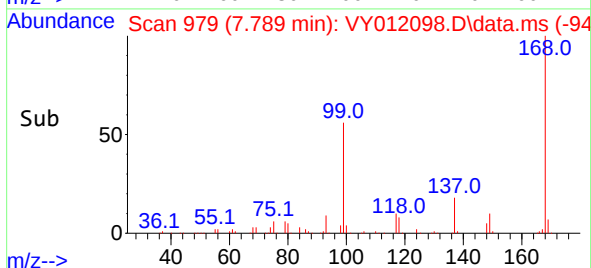
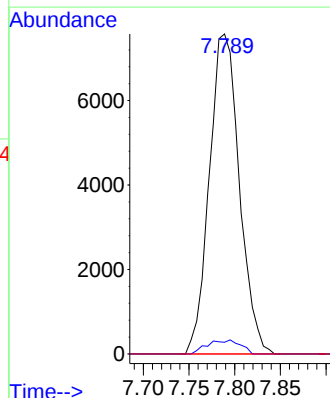
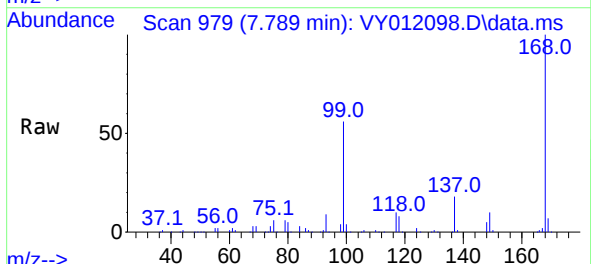
Instrument :
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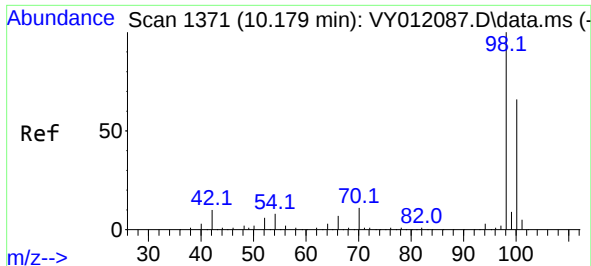
Tgt Ion: 75 Resp: 11983
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.567 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 117 Resp: 17287
Ion Ratio Lower Upper
117 100
119 3.7 73.8 110.8#
121 0.0 25.2 37.8#

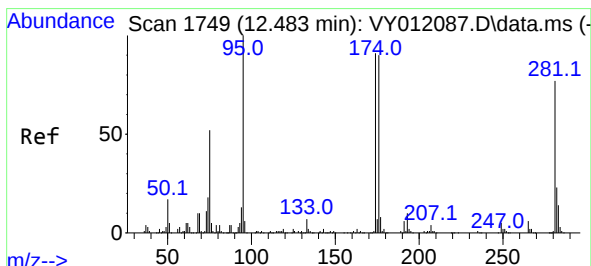
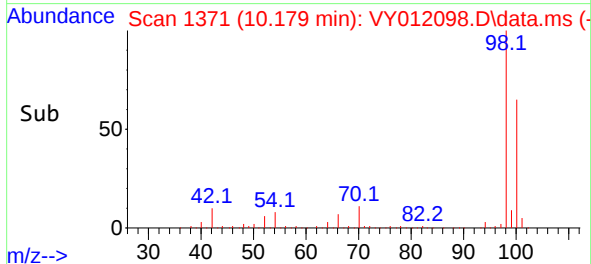
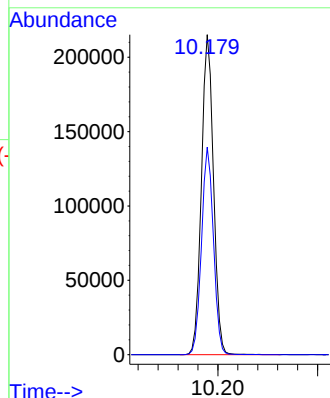
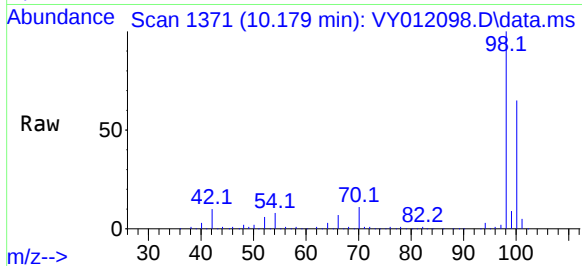




#50
Toluene-d8
Concen: 46.396 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

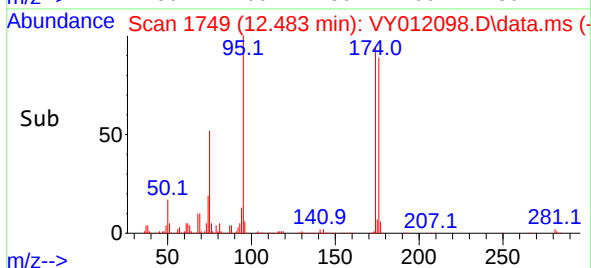
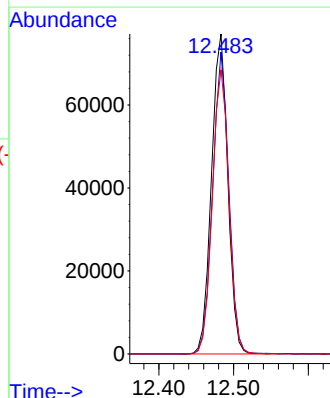
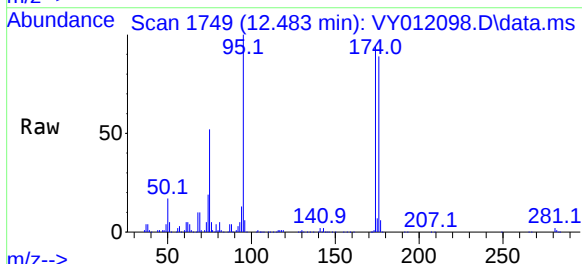
Instrument :
MSVOA_Y
ClientSampleId :
TP-201

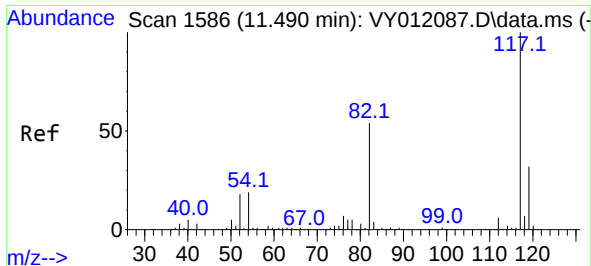
Tgt Ion: 98 Resp: 360000
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.317 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 95 Resp: 117483
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 90.1 0.0 167.6

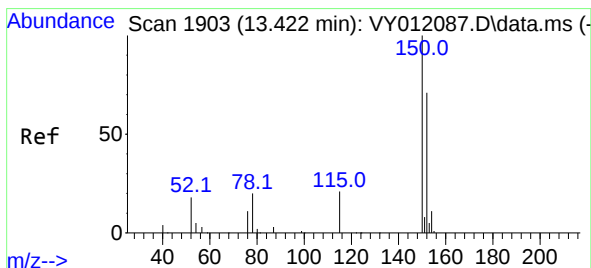
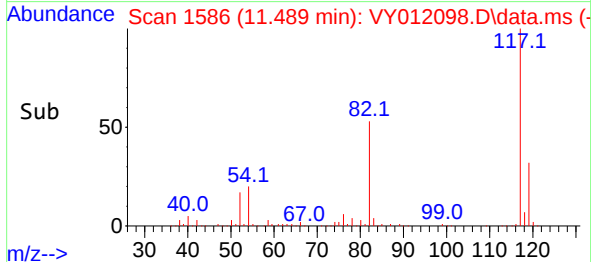
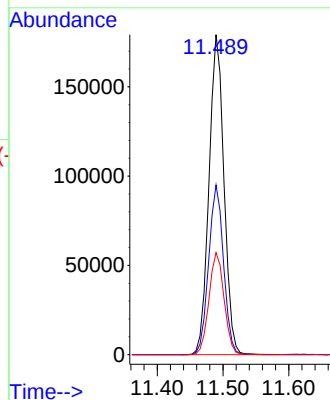
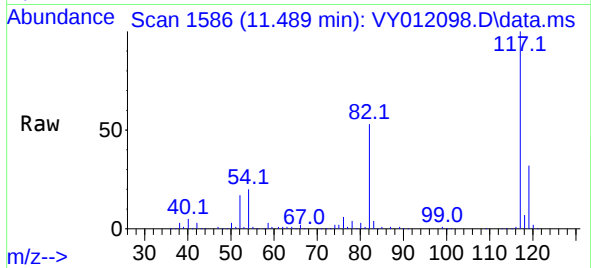




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

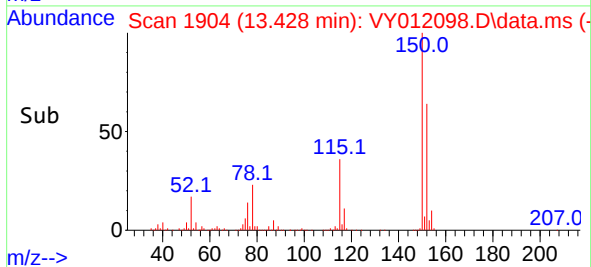
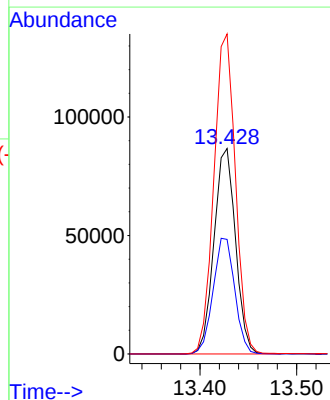
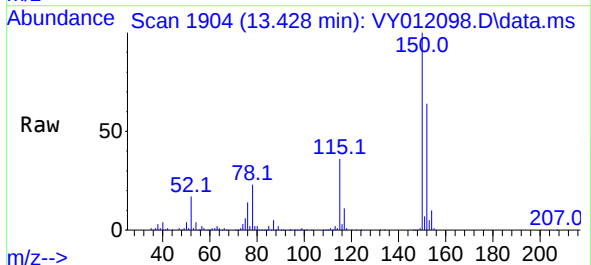
Instrument :
MSVOA_Y
ClientSampleId :
TP-201

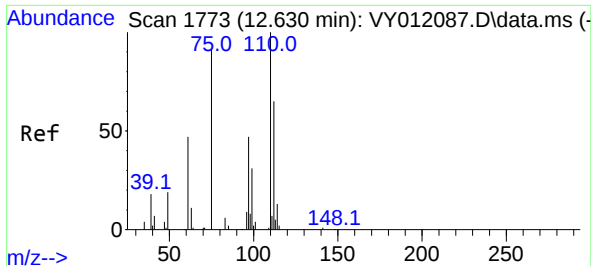
Tgt Ion:117 Resp: 284167
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion:152 Resp: 133834
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 155.8 0.0 342.6

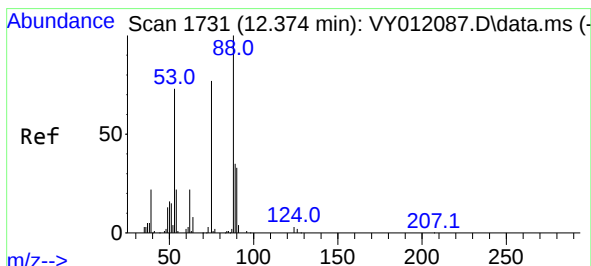
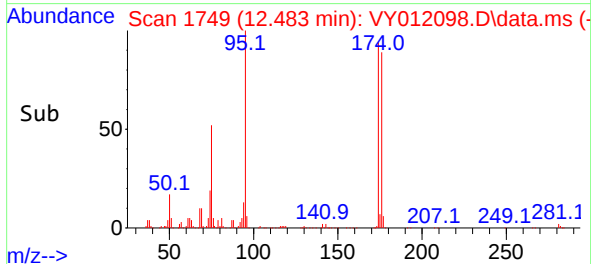
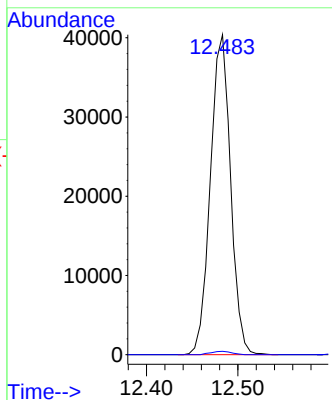
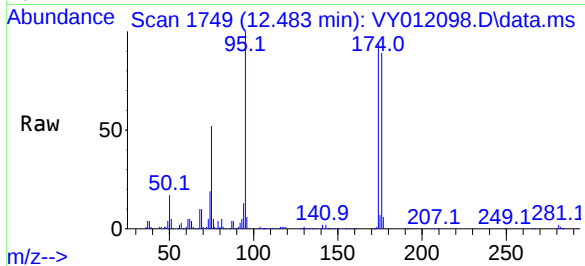




#76
1,2,3-Trichloropropane
Concen: 40.561 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Instrument :
MSVOA_Y
ClientSampleId :
TP-201

Tgt Ion: 75 Resp: 61982
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.080 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012098.D
Acq: 06 Jan 2023 17:48

Tgt Ion: 75 Resp: 61982
Ion Ratio Lower Upper
75 100
53 0.1 72.5 108.7#
89 0.2 37.0 55.4#

