

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009265.D
 Acq On : 22 Jun 2022 11:14
 Operator : KP/MD
 Sample : VY0622SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBL01

Quant Time: Jun 23 01:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

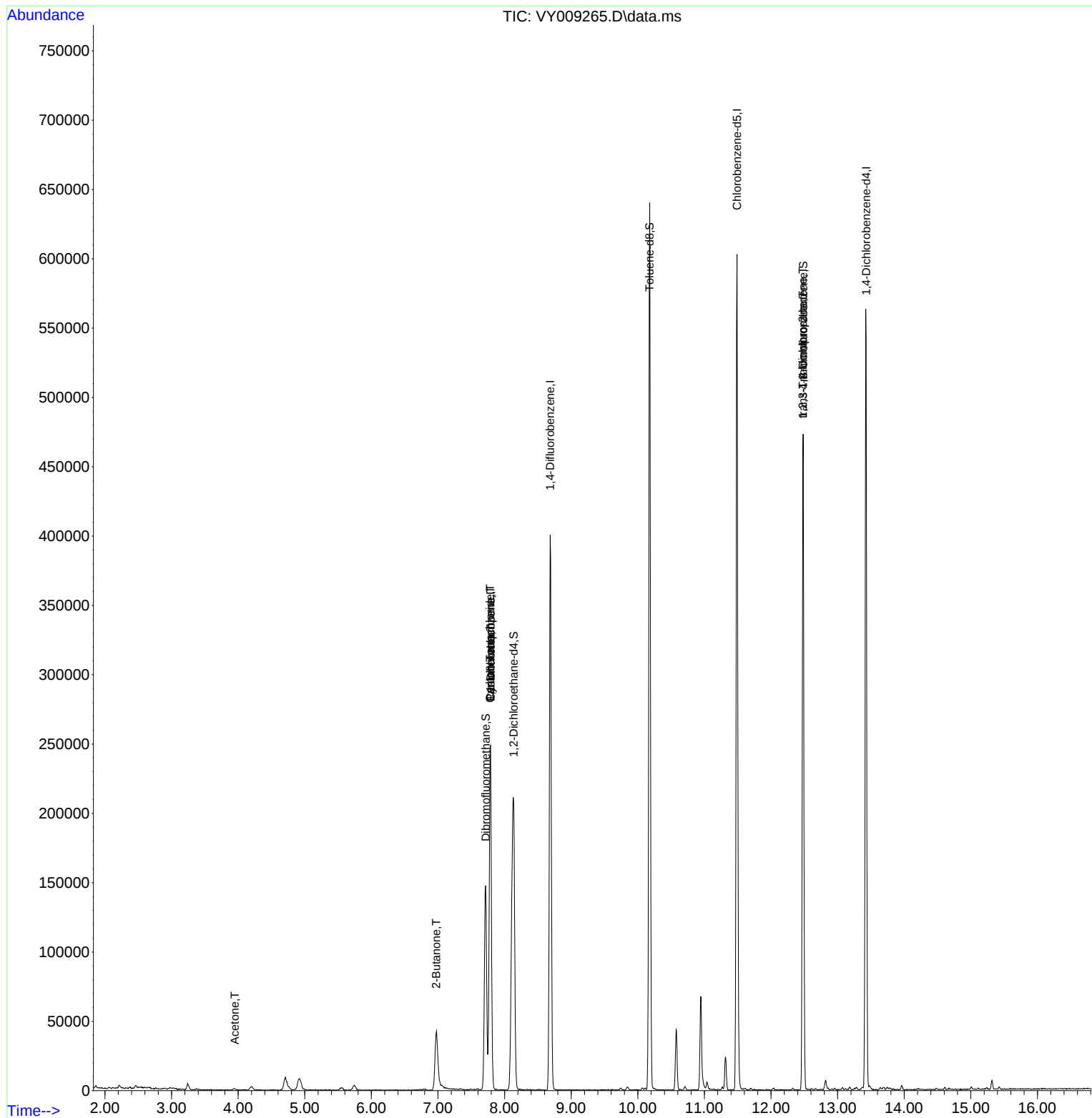
Internal Standards						
1) Pentafluorobenzene	7.789	168	198451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116339	53.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.76%			
35) Dibromofluoromethane	7.715	113	104492	46.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.44%			
50) Toluene-d8	10.178	98	410176	47.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.48%			
62) 4-Bromofluorobenzene	12.483	95	137959	45.70	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.40%			
Target Compounds						
11) Tert butyl alcohol	4.917	59	9161	Below Cal	#	79
16) Acetone	3.948	43	1784	3.31	ug/l #	85
18) Methyl Acetate	4.460	43	90	Below Cal	#	56
20) Methylene Chloride	4.704	84	6302	Below Cal		91
25) 2-Butanone	6.972	43	2772	3.19	ug/l #	78
31) Cyclohexane	7.789	56	4211	1.11	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	15166	4.46	ug/l #	51
38) Carbon Tetrachloride	7.783	117	19529	5.52	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	71589	42.68	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71589	90.50	ug/l #	7

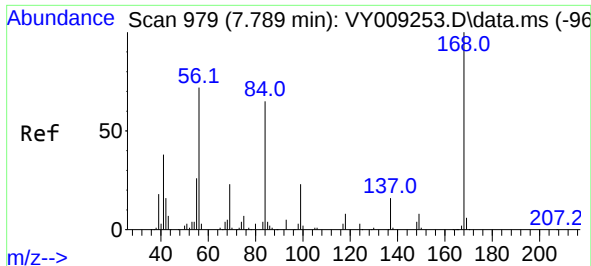
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0622SBL01

Quant Time: Jun 23 01:52:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 14:08:27 2022
Response via : Initial Calibration

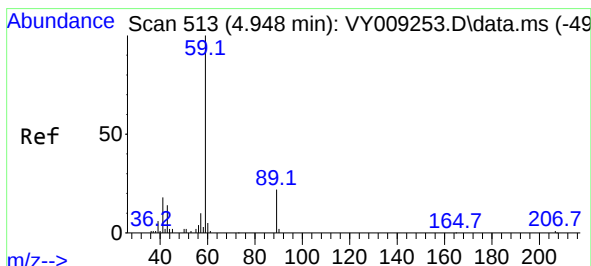
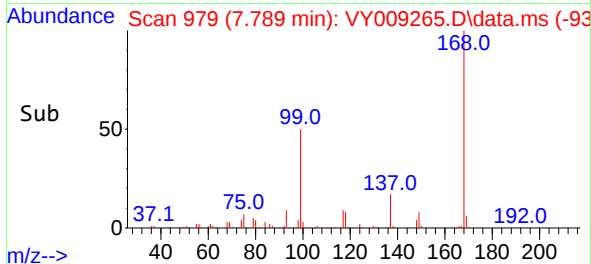
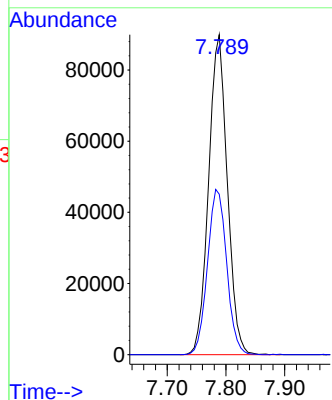
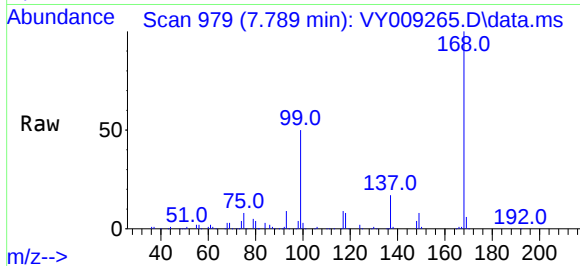




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

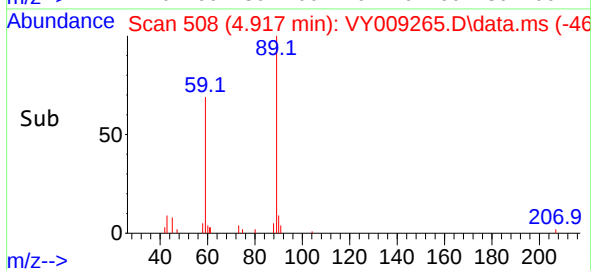
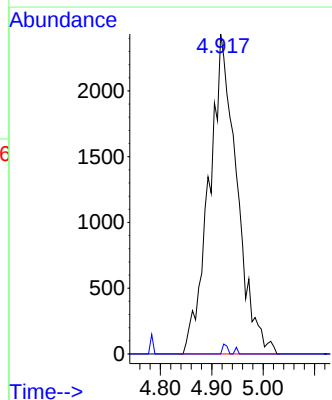
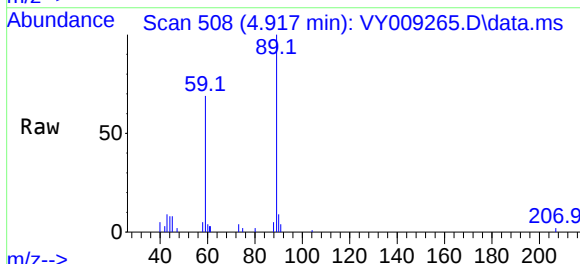
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

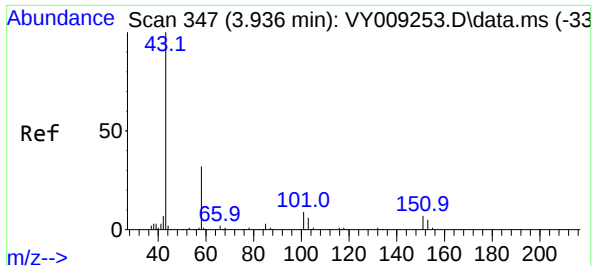
Tgt Ion:168 Resp: 198451
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 59 Resp: 9161
Ion Ratio Lower Upper
59 100
57 0.5 6.4 9.6#

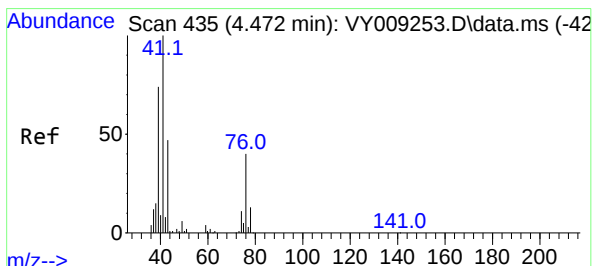
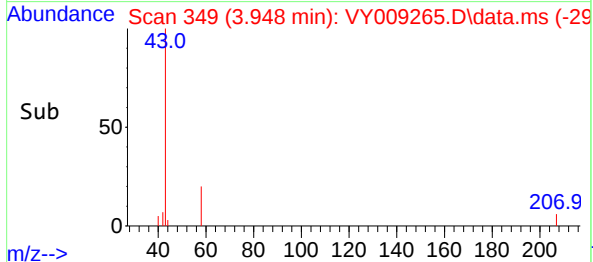
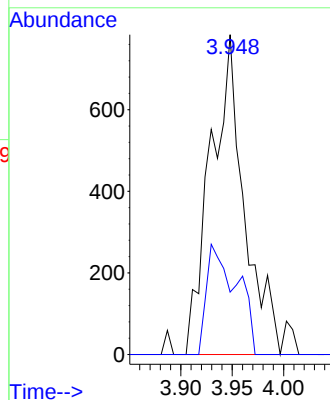
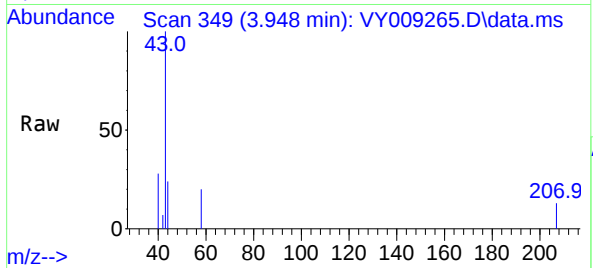




#16
Acetone
Concen: 3.31 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

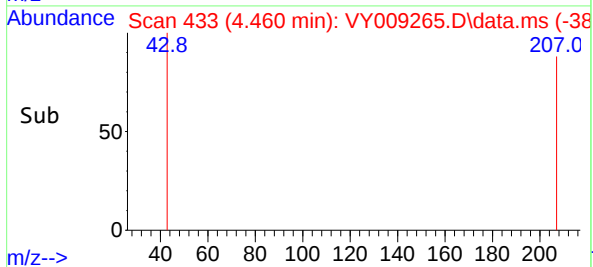
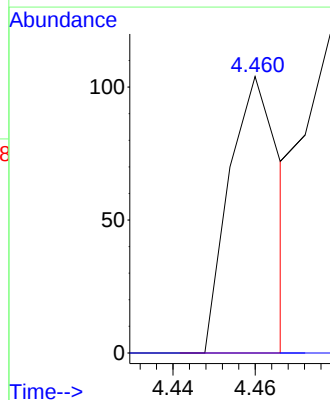
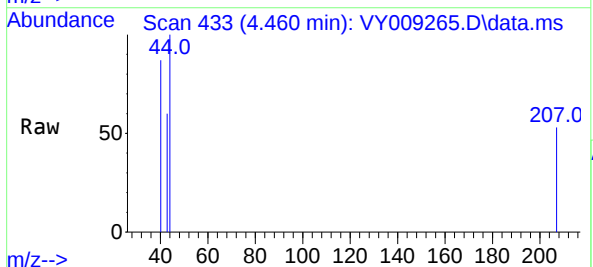
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

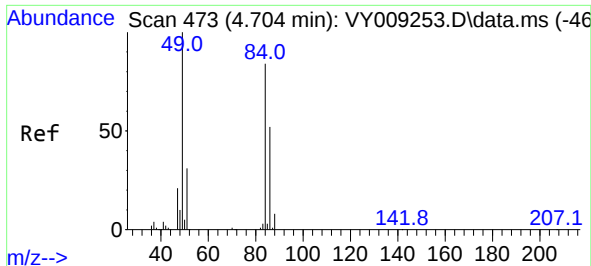
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 19.5 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



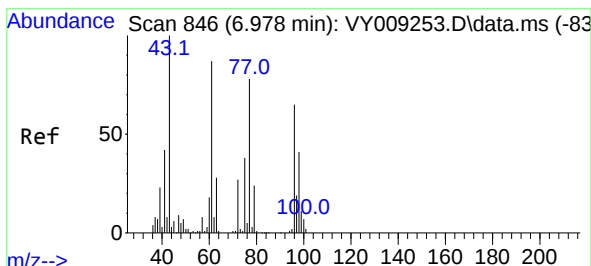
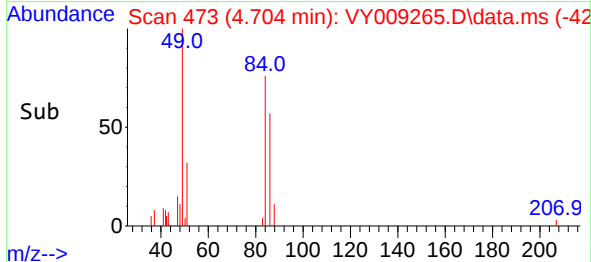
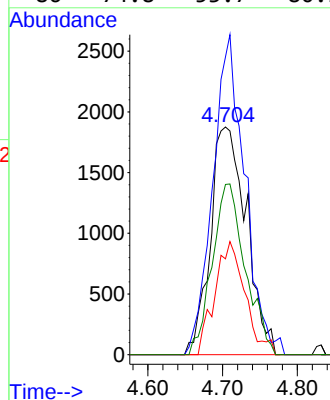
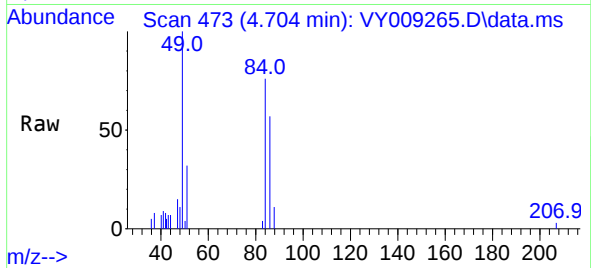


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

Tgt Ion: 84 Resp: 6302

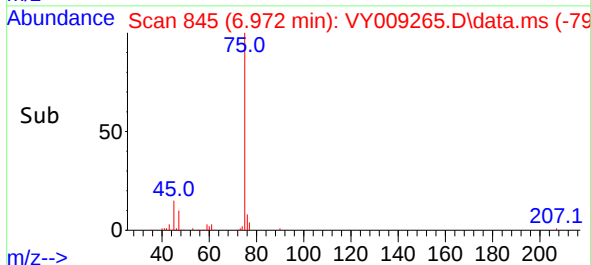
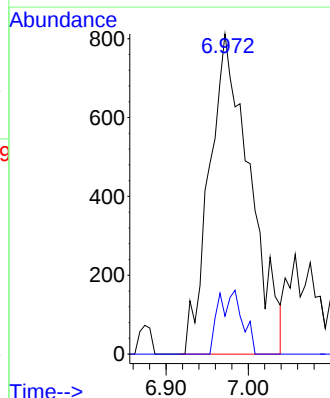
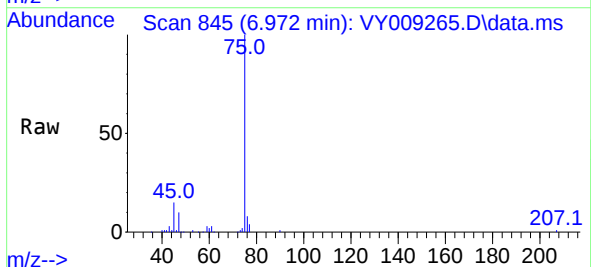
Ion	Ratio	Lower	Upper
84	100		
49	130.8	114.4	171.6
51	42.1	35.3	52.9
86	74.8	53.7	80.5

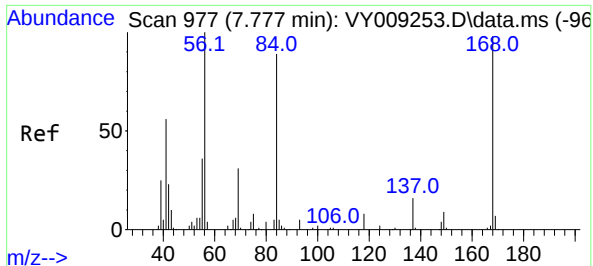


#25
2-Butanone
Concen: 3.19 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 43 Resp: 2772

Ion	Ratio	Lower	Upper
43	100		
72	11.8	17.7	26.5#

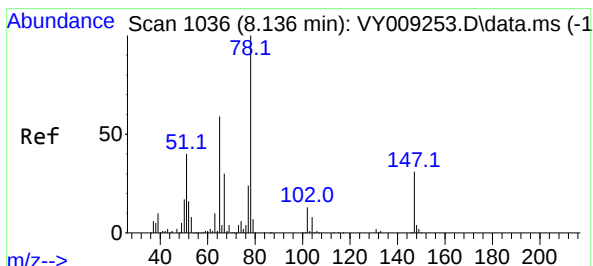
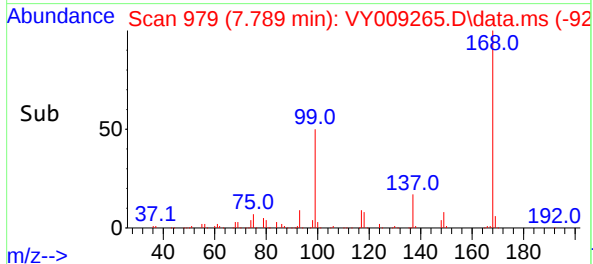
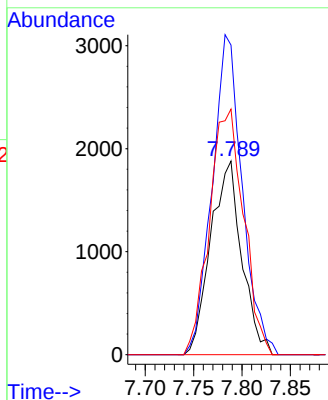
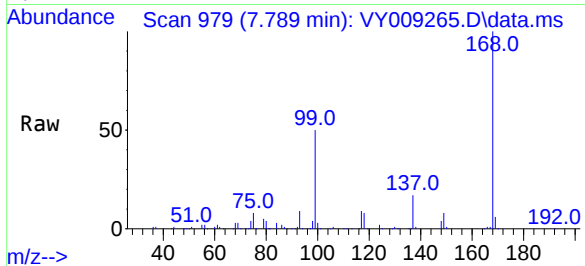




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

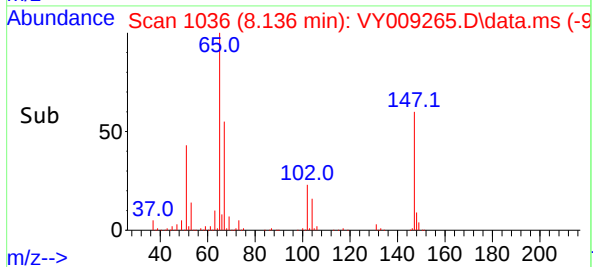
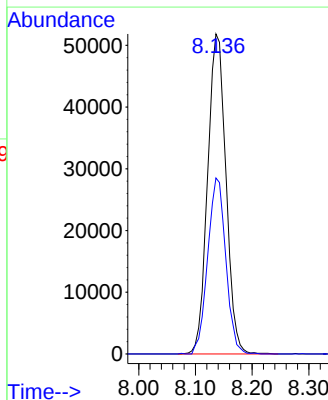
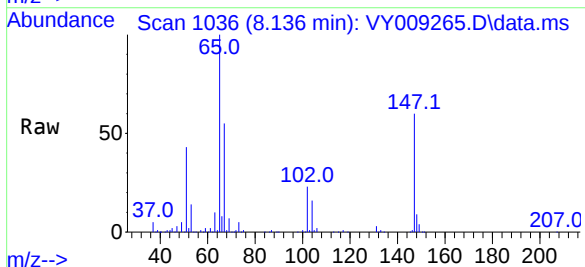
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

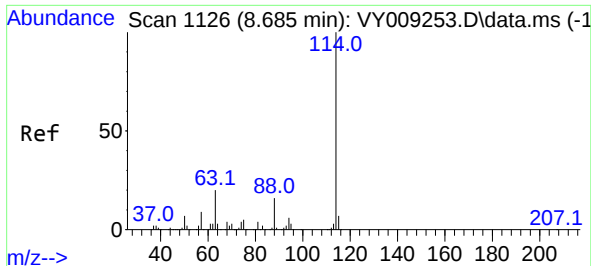
Tgt Ion: 56 Resp: 4211
Ion Ratio Lower Upper
56 100
69 159.9 26.7 40.1#
84 126.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.38 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 65 Resp: 116339
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009265.D

Acq: 22 Jun 2022 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBL01

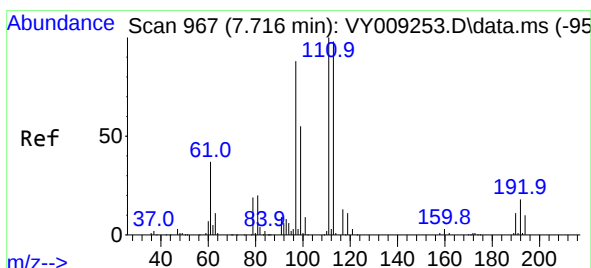
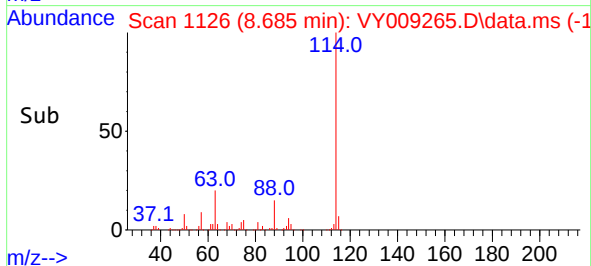
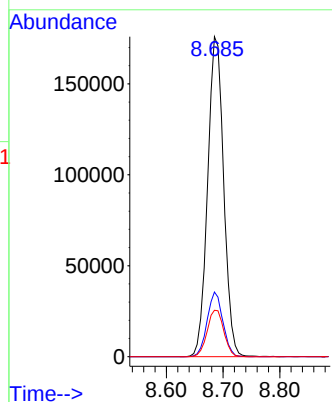
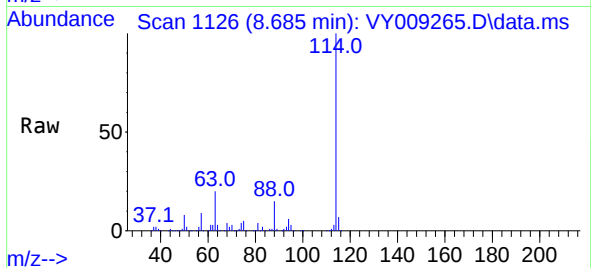
Tgt Ion:114 Resp: 345356

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.72 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY009265.D

Acq: 22 Jun 2022 11:14

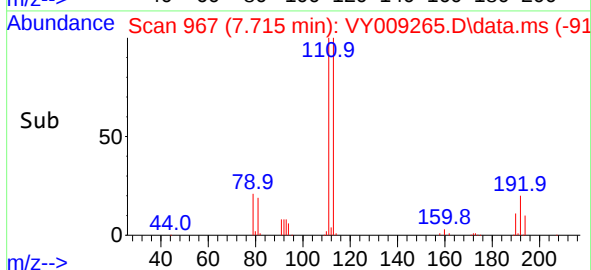
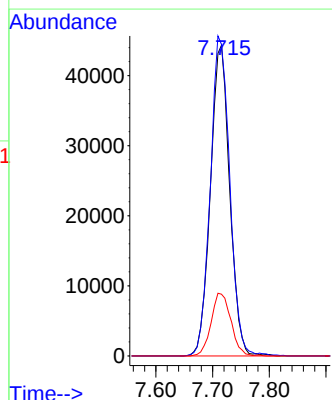
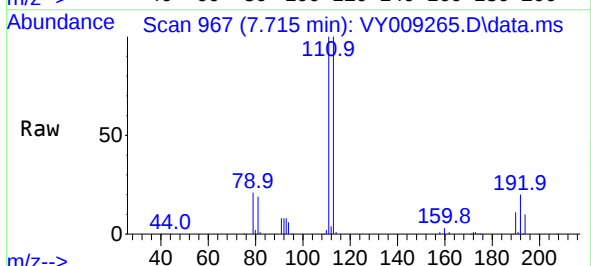
Tgt Ion:113 Resp: 104492

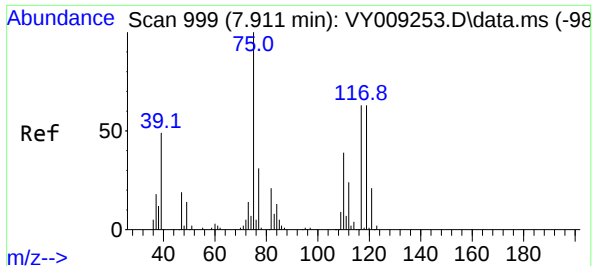
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 20.8 17.6 26.4

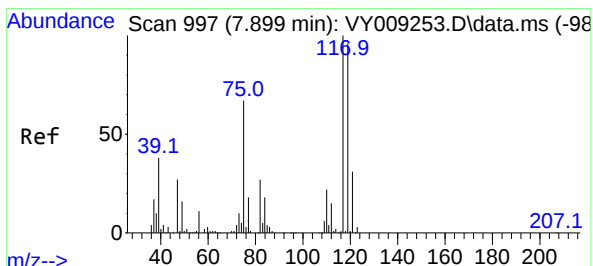
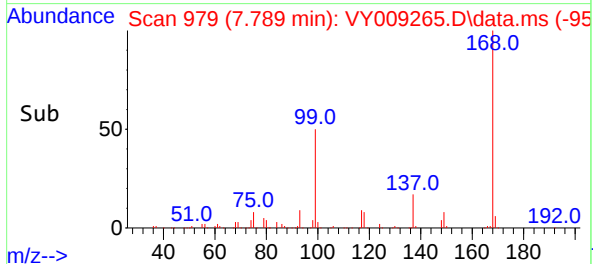
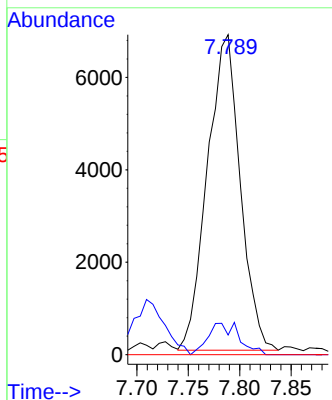
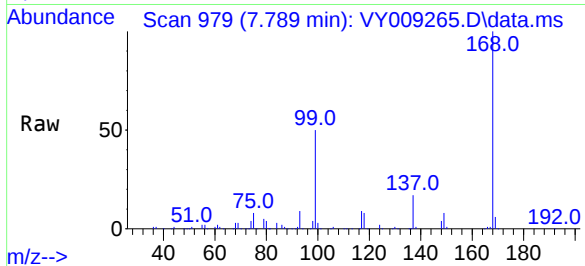




#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

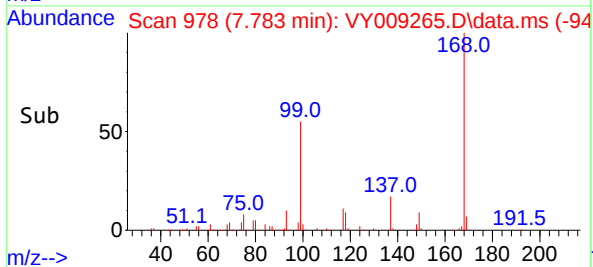
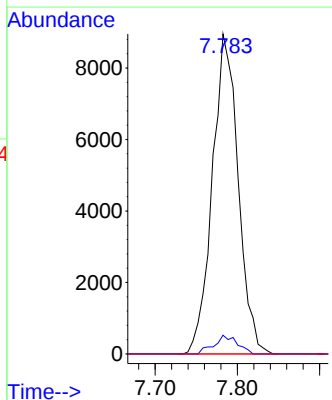
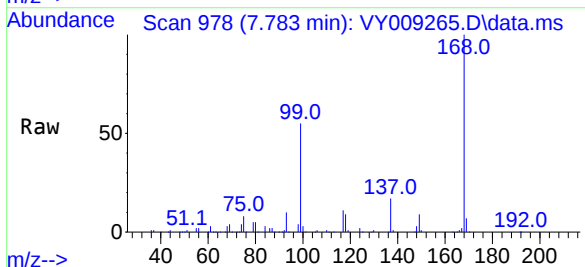
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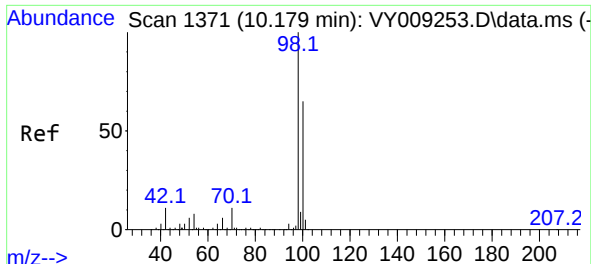
Tgt Ion: 75 Resp: 15166
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.52 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 117 Resp: 19529
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

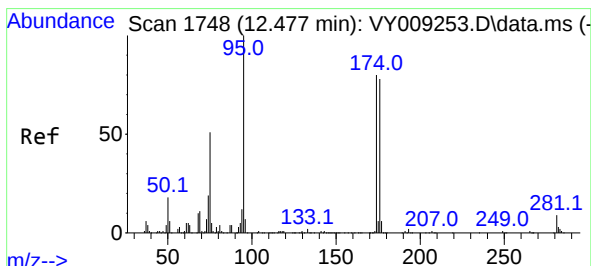
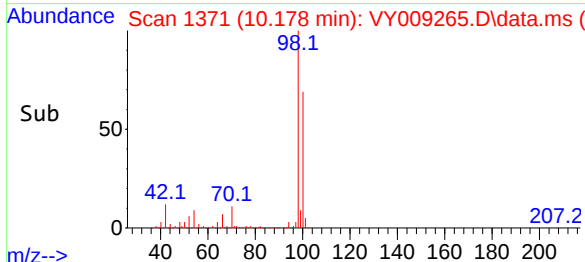
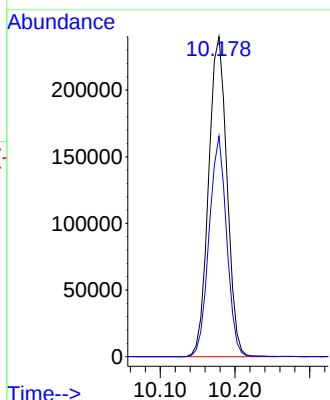
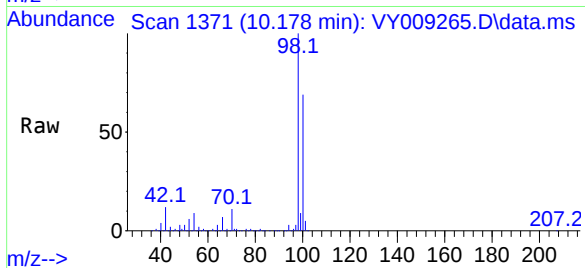




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

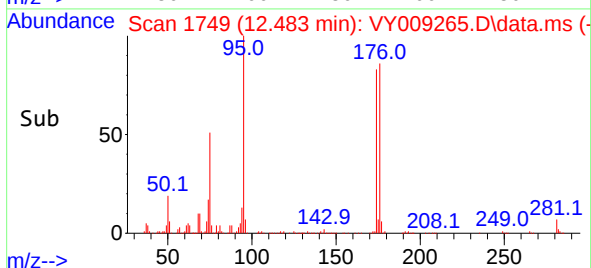
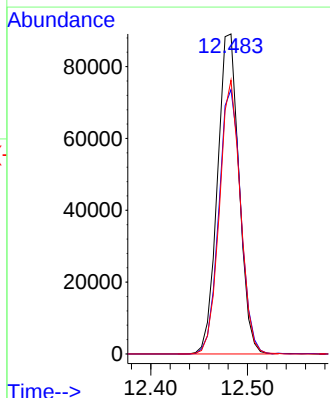
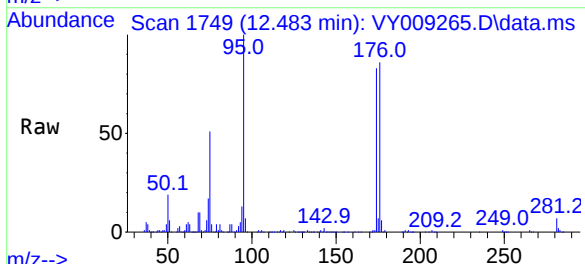
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

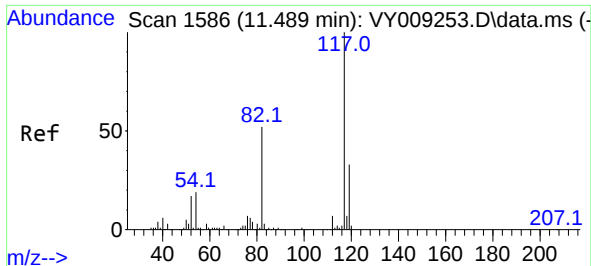
Tgt Ion: 98 Resp: 410176
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 95 Resp: 137959
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 82.8 0.0 175.8

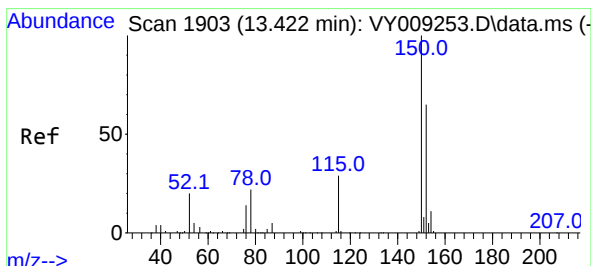
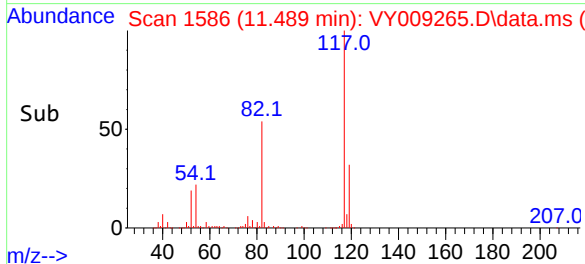
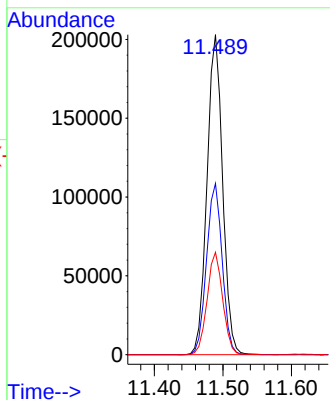
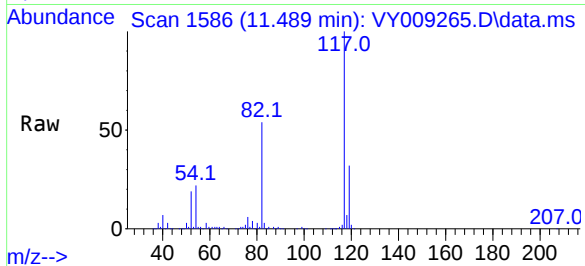




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

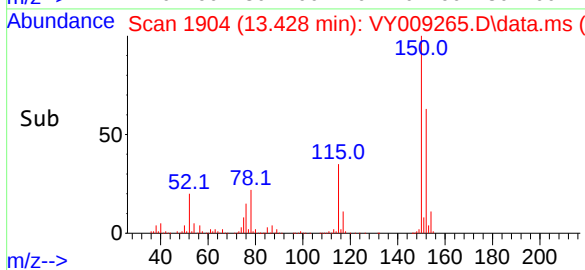
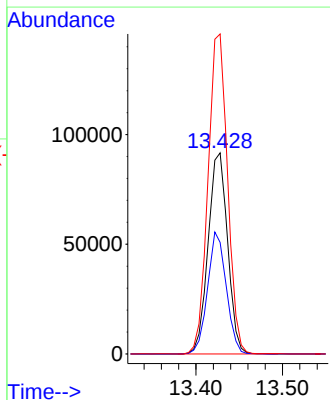
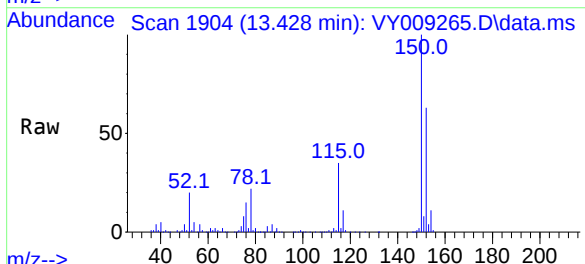
Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

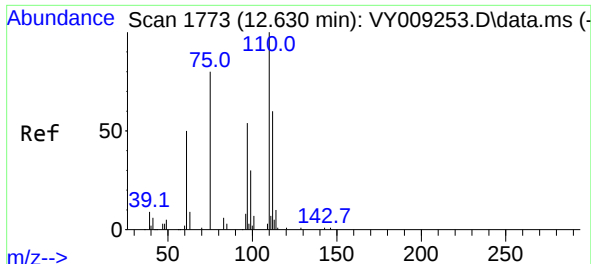
Tgt Ion:117 Resp: 321759
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion:152 Resp: 143061
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 159.7 0.0 347.6

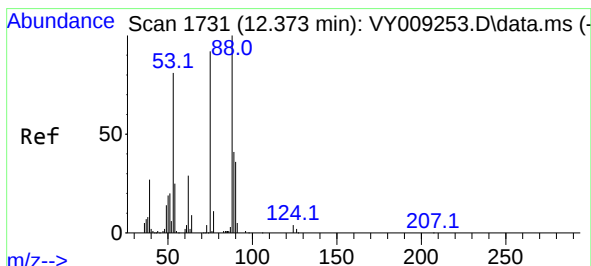
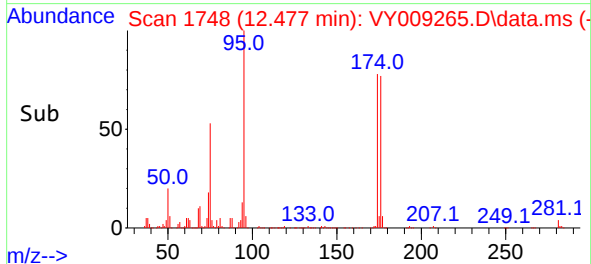
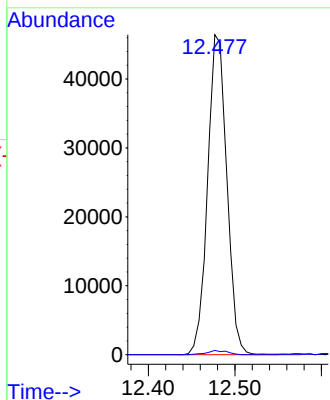
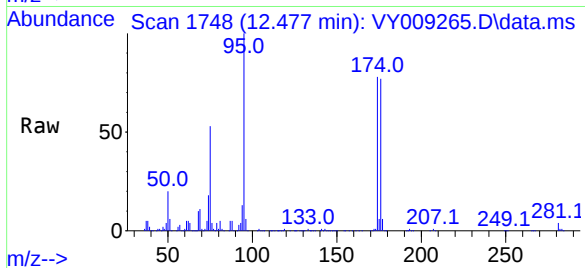




#76
1,2,3-Trichloropropane
Concen: 42.68 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBL01

Tgt Ion: 75 Resp: 71589
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.50 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009265.D
Acq: 22 Jun 2022 11:14

Tgt Ion: 75 Resp: 71589
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

