

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004968.D
 Acq On : 04 Jun 2021 16:40
 Operator : SY/MD
 Sample : M2613-07
 Misc : 16.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(110-114)

Quant Time: Jun 05 01:34:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

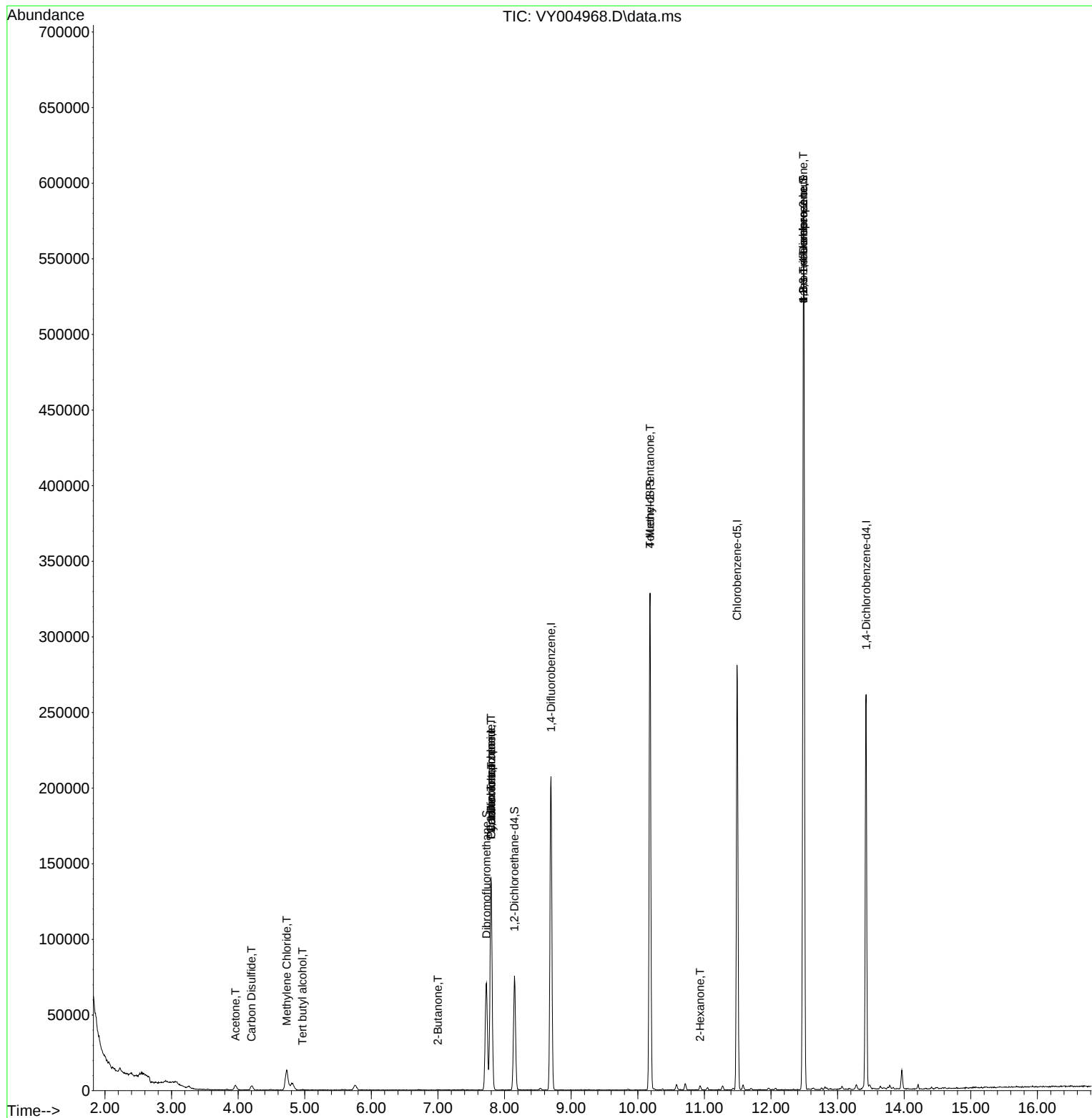
Internal Standards						
1) Pentafluorobenzene	7.801	168	104863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	150474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55367	49.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.880%			
35) Dibromofluoromethane	7.728	113	50426	54.048	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.100%			
50) Toluene-d8	10.185	98	210964	54.445	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.483	95	62910	47.208	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.420%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	433	3.396	ug/l #	74
16) Acetone	3.960	43	5358	20.078	ug/l	96
17) Carbon Disulfide	4.198	76	5511	1.663	ug/l #	93
20) Methylene Chloride	4.729	84	9363	1.544	ug/l	95
25) 2-Butanone	6.997	43	548	1.221	ug/l	93
31) Cyclohexane	7.801	56	2384	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8461	4.985	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10897	7.378	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1109	1.056	ug/l #	1
59) 2-Hexanone	10.935	43	1126	1.586	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	37597	53.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37597	97.725	ug/l #	17

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

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18-B12(110-114)

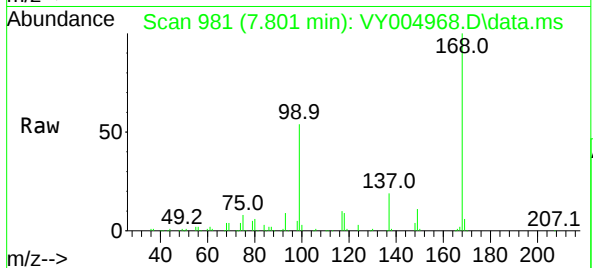
Quant Time: Jun 05 01:34:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
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QLast Update : Thu Jun 03 04:43:33 2021
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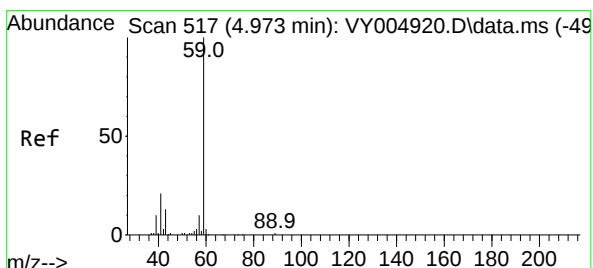
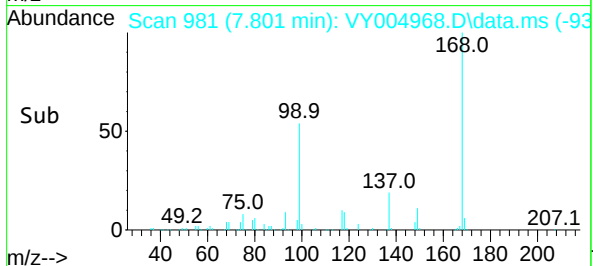
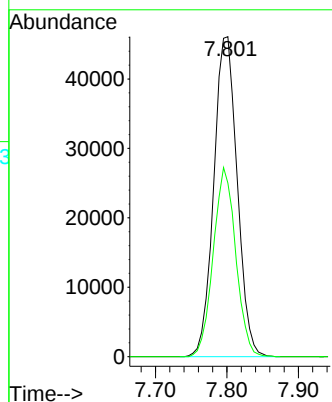


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(110-114)

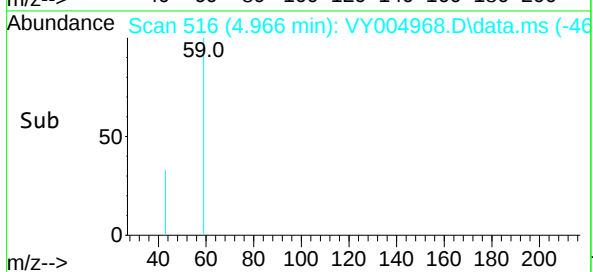
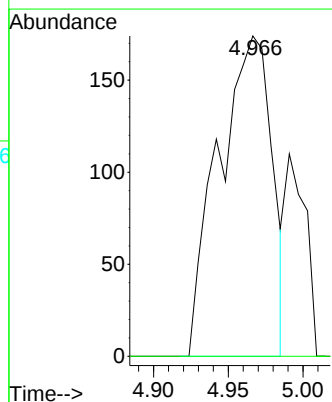
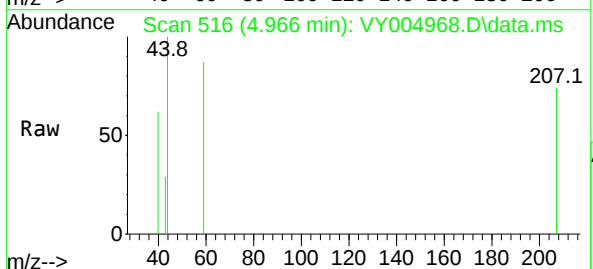


Tgt Ion:168 Resp: 104863
Ion Ratio Lower Upper
168 100
99 54.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.396 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 59 Resp: 433
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

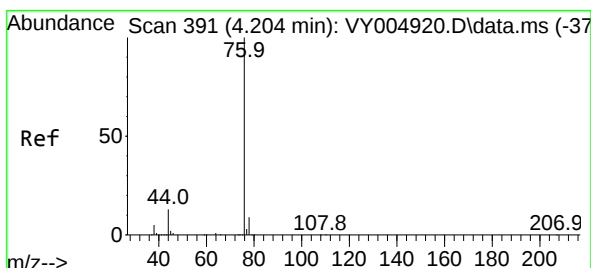
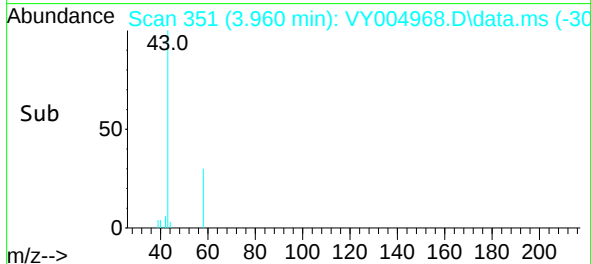
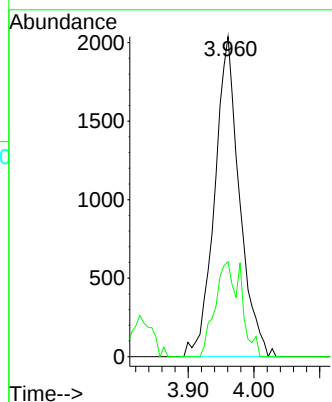
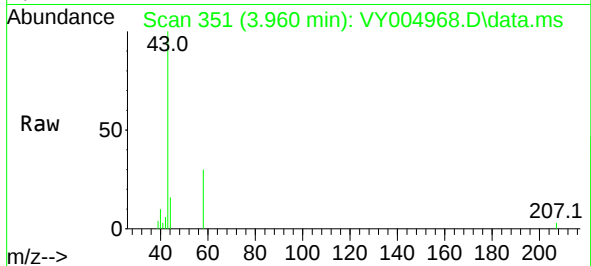




#16
Acetone
Concen: 20.078 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

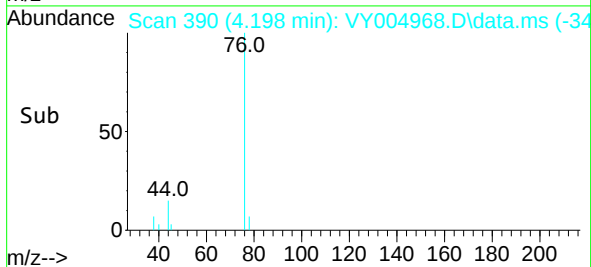
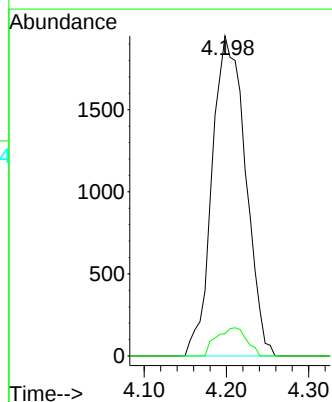
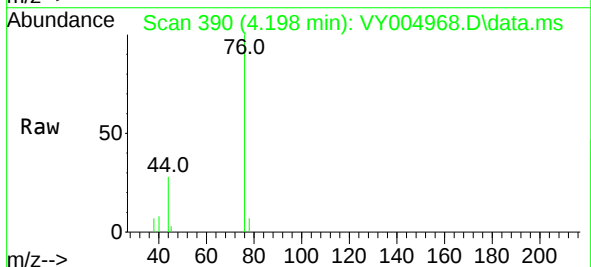
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(110-114)

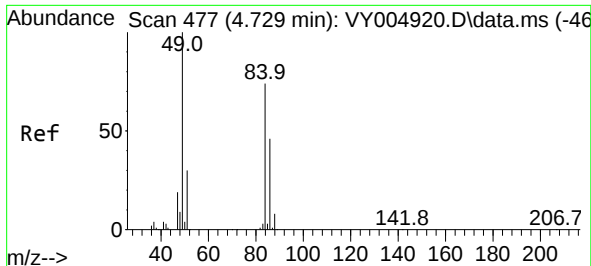
Tgt Ion: 43 Resp: 5358
Ion Ratio Lower Upper
43 100
58 29.6 25.3 37.9



#17
Carbon Disulfide
Concen: 1.663 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

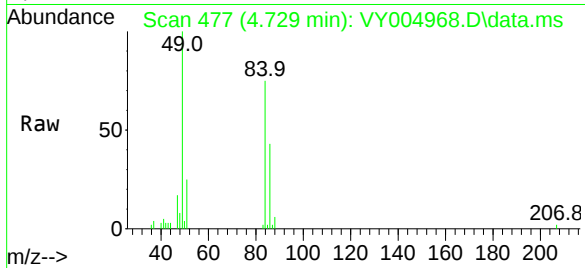
Tgt Ion: 76 Resp: 5511
Ion Ratio Lower Upper
76 100
78 7.0 7.6 11.4#



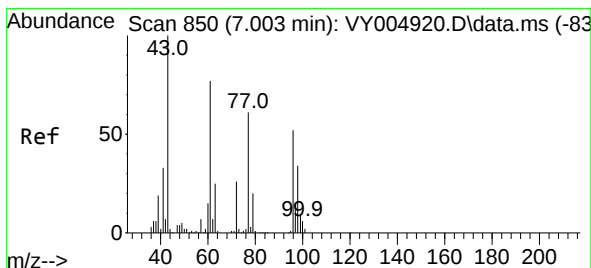
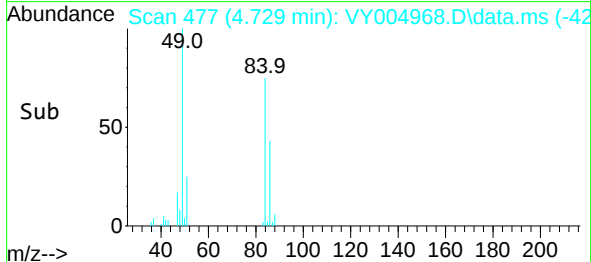
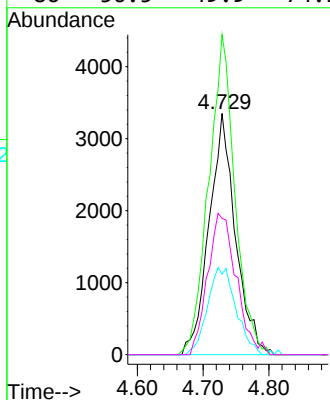


#20
Methylene Chloride
Concen: 1.544 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(110-114)

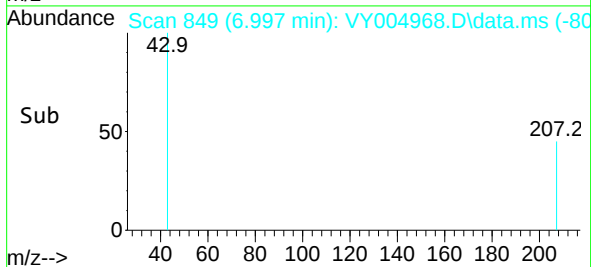
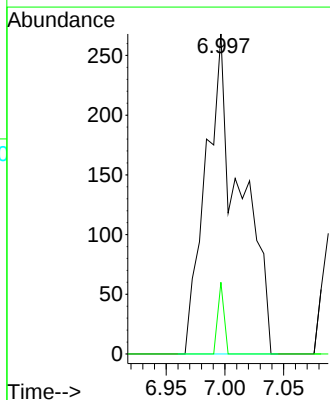
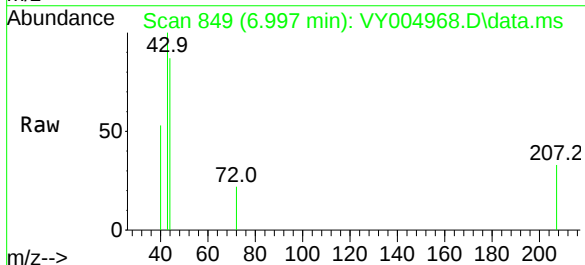


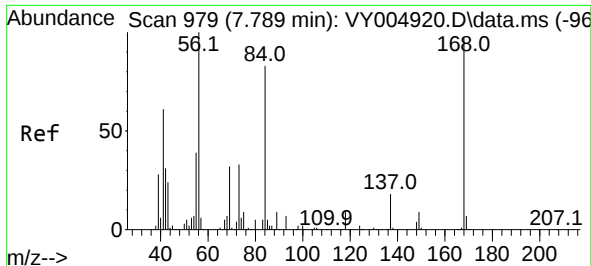
Tgt Ion:	84	Resp:	9363
Ion	Ratio	Lower	Upper
84	100		
49	132.6	108.0	162.0
51	33.5	32.6	48.8
86	56.5	49.9	74.9



#25
2-Butanone
Concen: 1.221 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

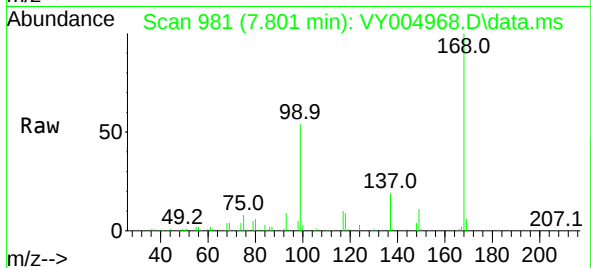
Tgt Ion:	43	Resp:	548
Ion	Ratio	Lower	Upper
43	100		
72	22.4	20.6	31.0



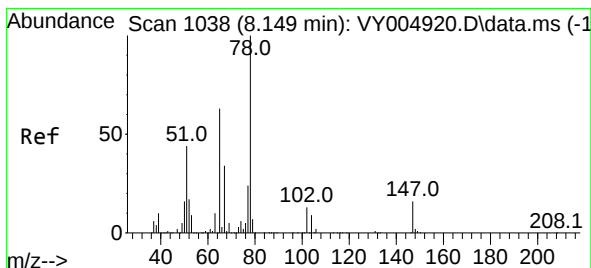
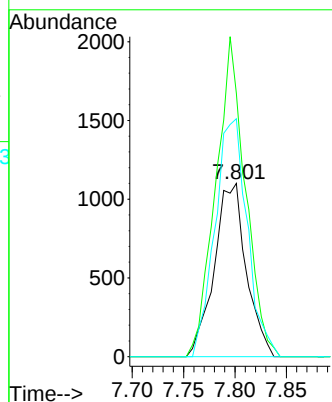
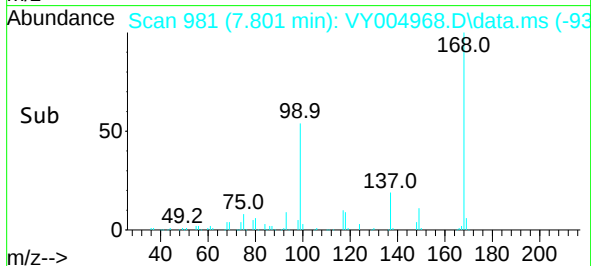


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

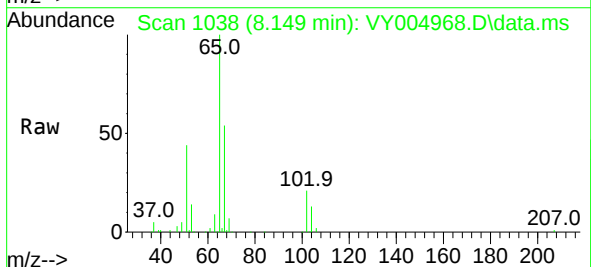
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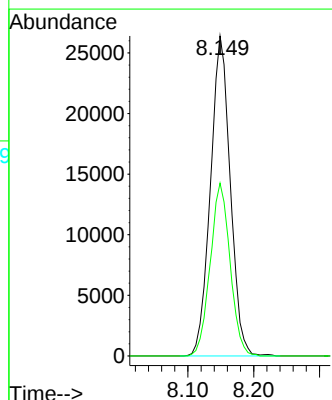
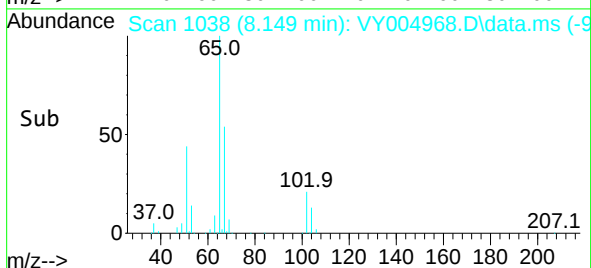
Tgt Ion: 56 Resp: 2384
Ion Ratio Lower Upper
56 100
69 152.0 25.3 37.9#
84 148.9 66.2 99.4#

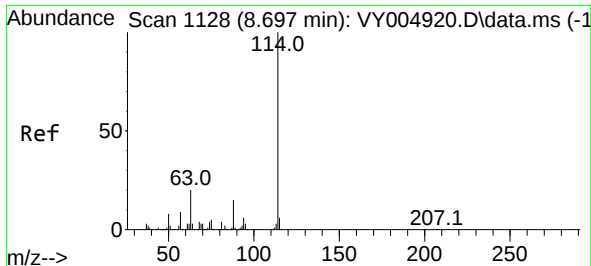


#33
1,2-Dichloroethane-d4
Concen: 49.944 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40



Tgt Ion: 65 Resp: 55367
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

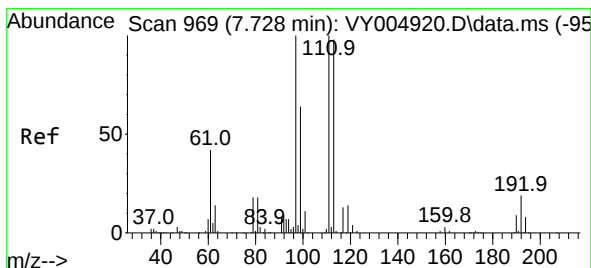
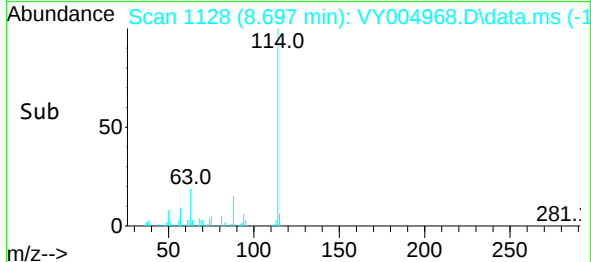
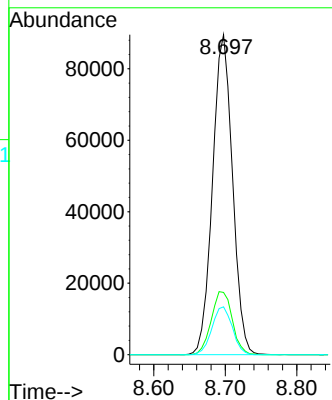
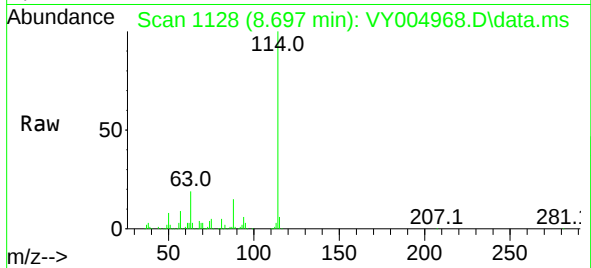




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

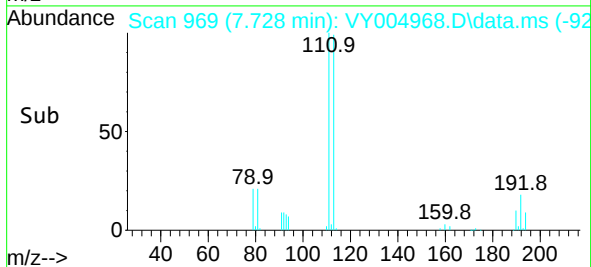
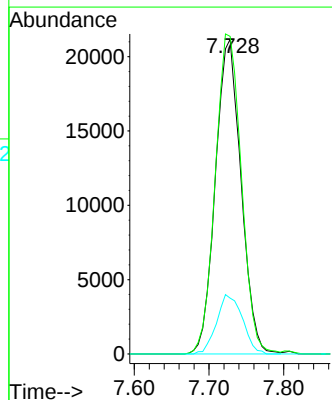
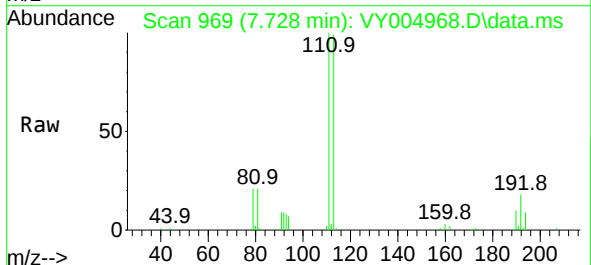
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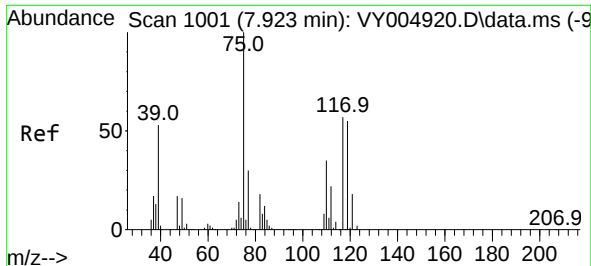
Tgt Ion:	114	Resp:	173412
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.0
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.048 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Tgt Ion:	113	Resp:	50426
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	19.0	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004968.D

Acq: 04 Jun 2021 16:40

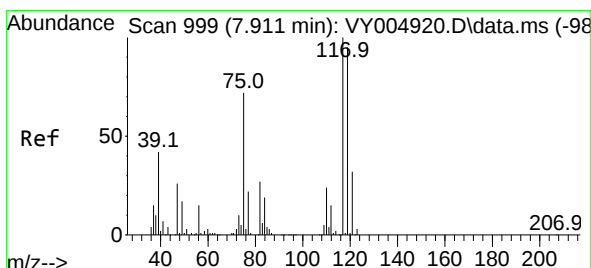
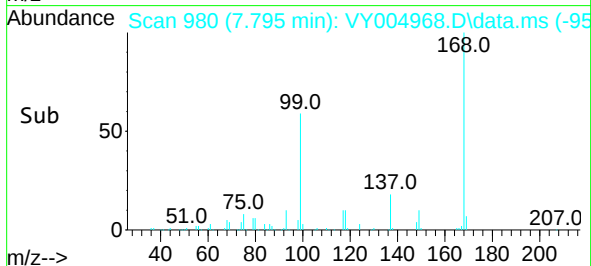
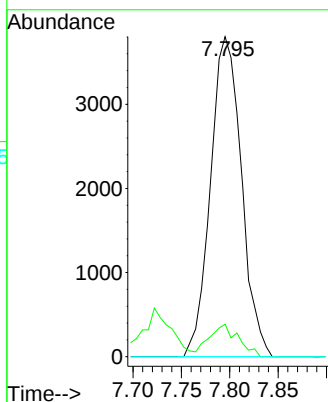
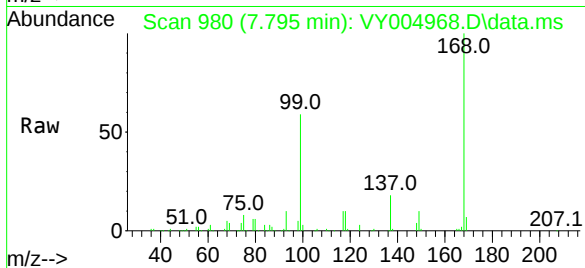
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(110-114)

Tgt Ion:	75	Resp:	8461
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 7.378 ug/l

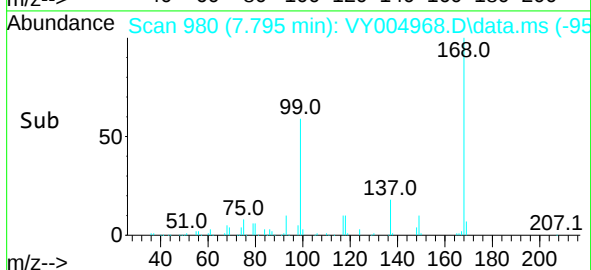
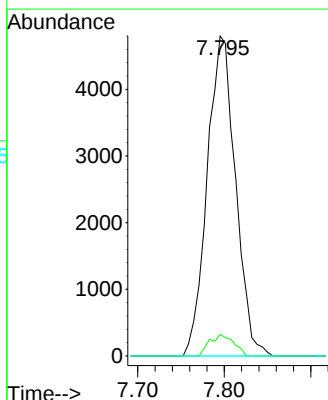
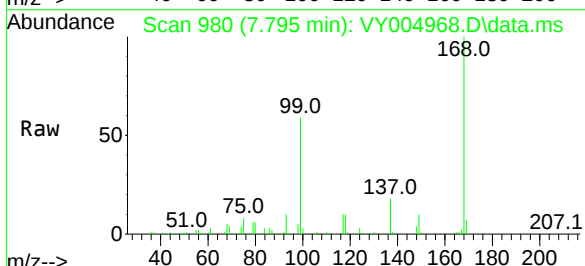
RT: 7.795 min Scan# 980

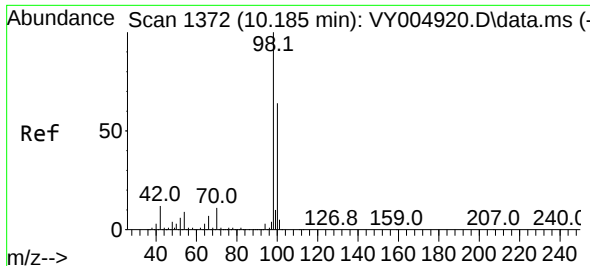
Delta R.T. -0.116 min

Lab File: VY004968.D

Acq: 04 Jun 2021 16:40

Tgt Ion:	117	Resp:	10897
Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.1	114.1#
121	0.0	25.5	38.3#

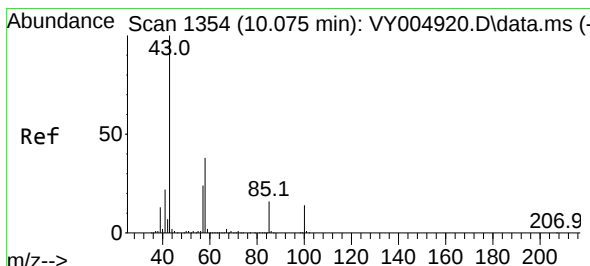
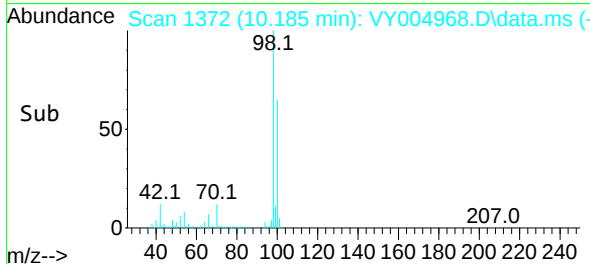
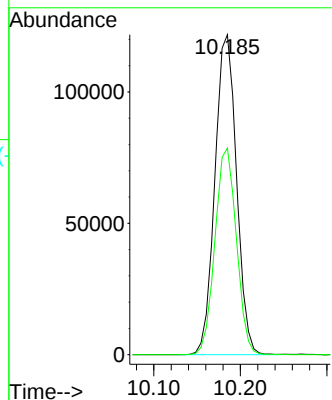
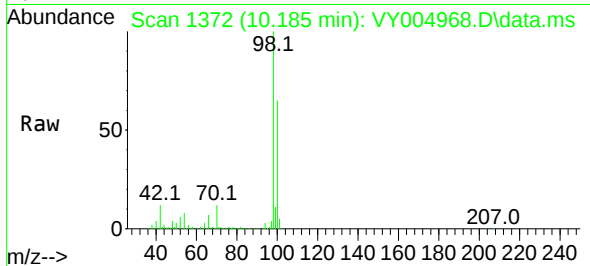




#50
Toluene-d8
Concen: 54.445 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

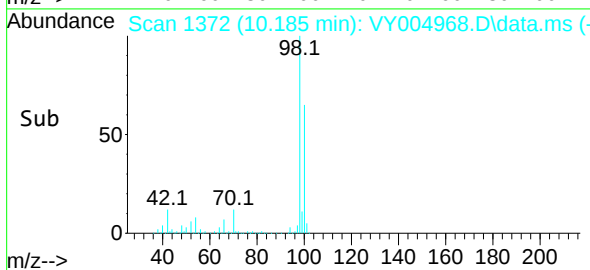
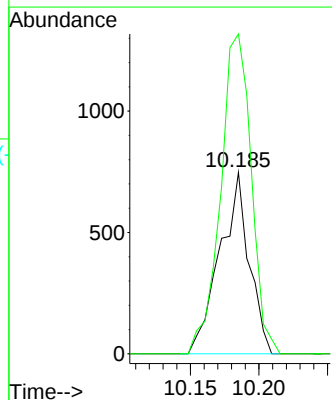
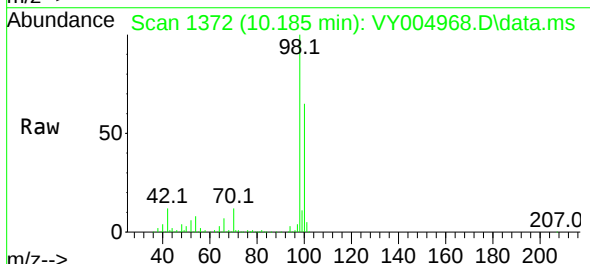
Instrument :
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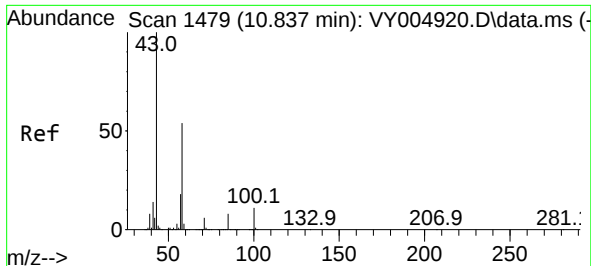
Tgt Ion: 98 Resp: 210964
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 185.3 30.6 46.0#

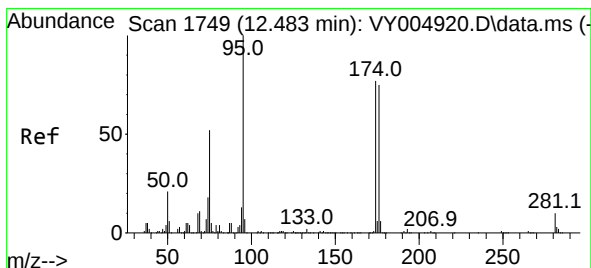
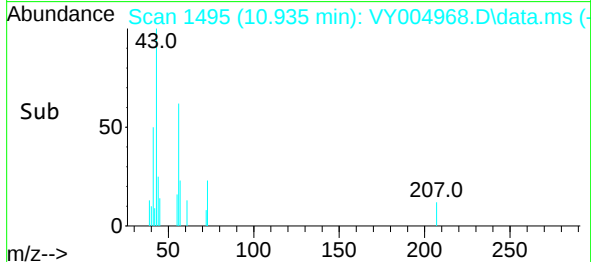
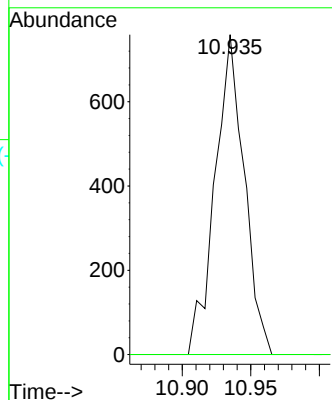
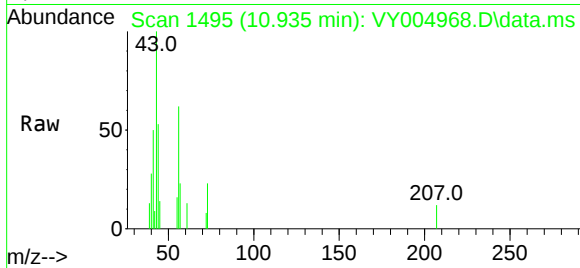




#59
2-Hexanone
Concen: 1.586 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.098 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

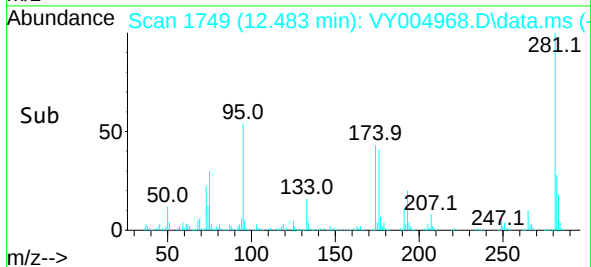
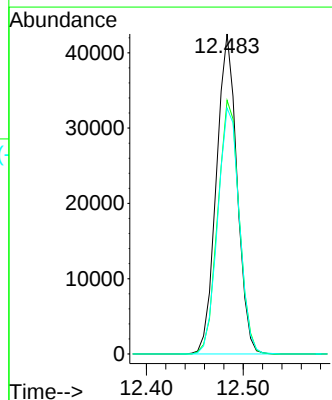
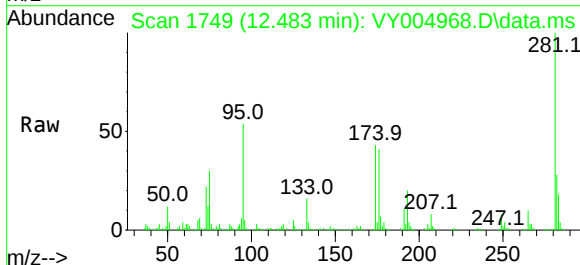
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(110-114)

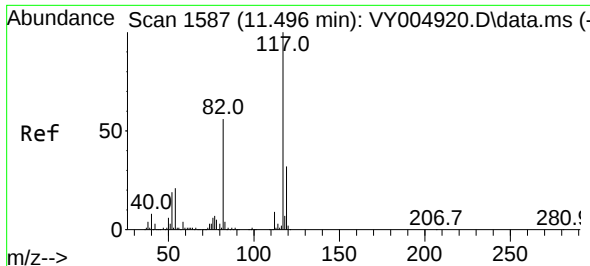
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 47.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 95 Resp: 62910
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.8
176 80.3 0.0 155.6

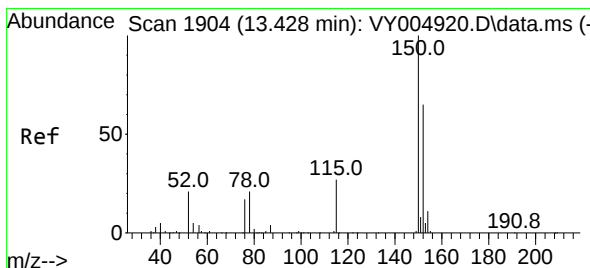
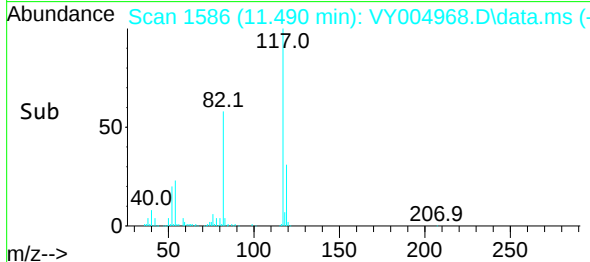
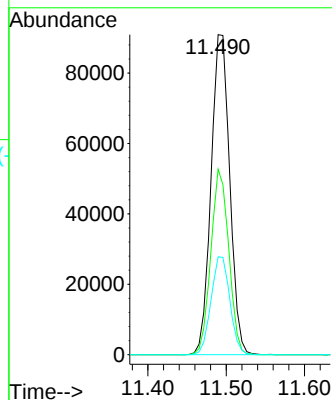
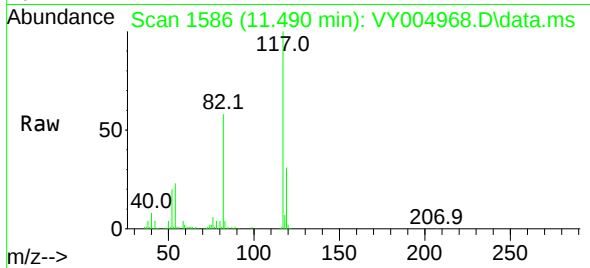




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

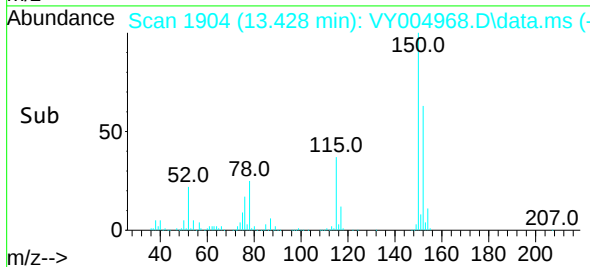
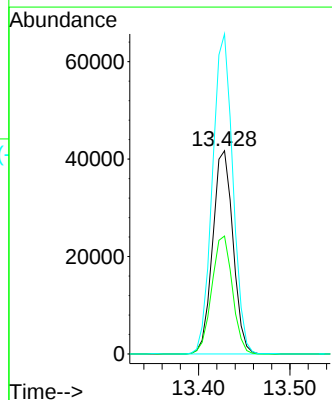
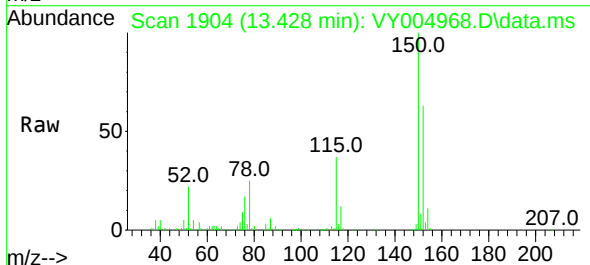
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(110-114)

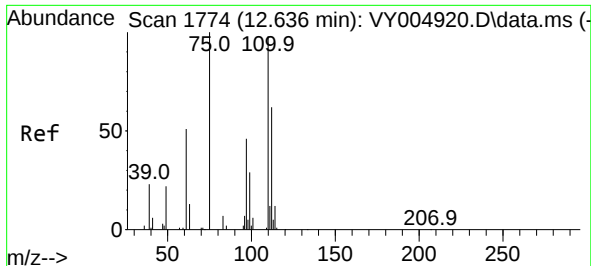
Tgt Ion:117 Resp: 150474
Ion Ratio Lower Upper
117 100
82 57.9 44.8 67.2
119 30.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Tgt Ion:152 Resp: 64499
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 157.6 0.0 347.8

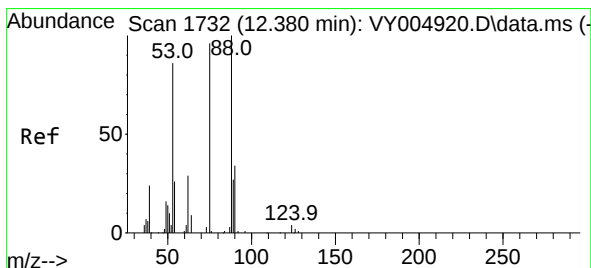
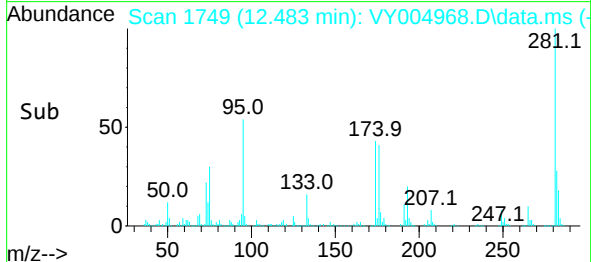
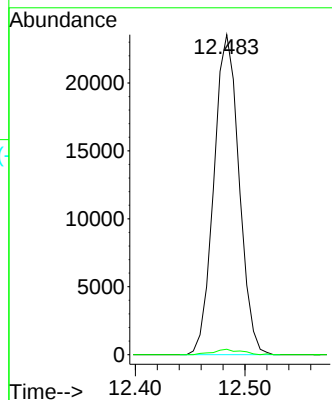
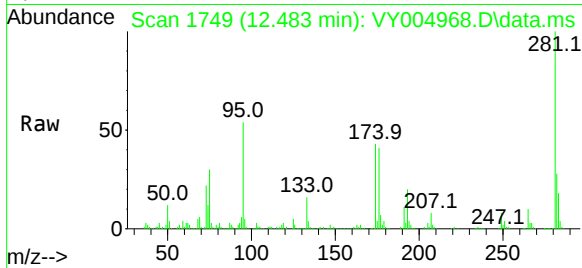




#76
1,2,3-Trichloropropane
Concen: 53.176 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(110-114)

Tgt Ion: 75 Resp: 37597
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004968.D
Acq: 04 Jun 2021 16:40

Tgt Ion: 75 Resp: 37597
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 4.2 35.0 52.6#

