

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005026.D
 Acq On : 08 Jun 2021 16:36
 Operator : SY/MD
 Sample : M2625-17
 Misc : 6.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:51:17 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)

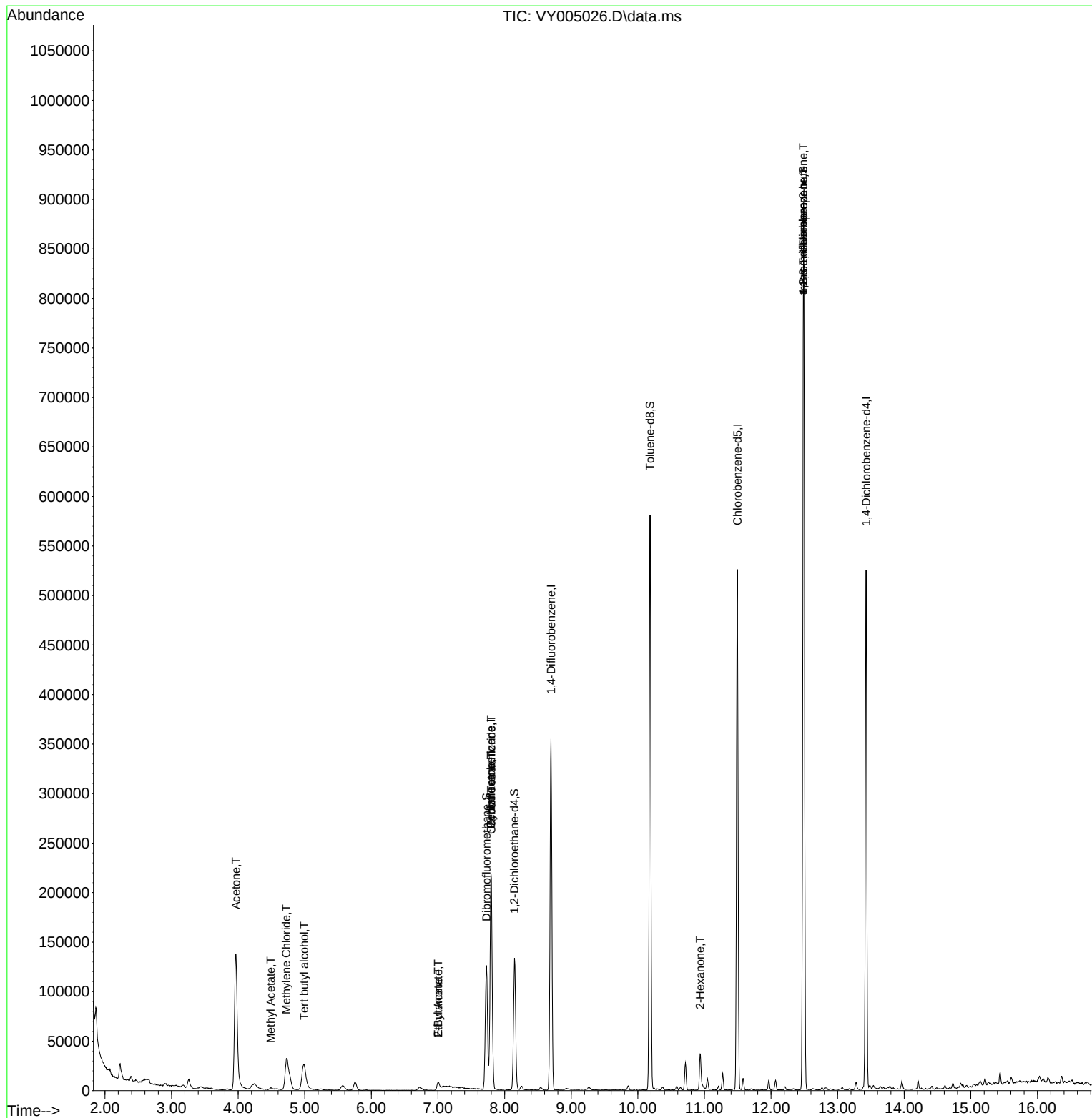
Internal Standards						
1) Pentafluorobenzene	7.795	168	163508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100212	57.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.940%	
35) Dibromofluoromethane	7.728	113	88813	56.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.080%	
50) Toluene-d8	10.185	98	365611	55.550	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	12.483	95	123951	54.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	62768	315.752	ug/l	97
16) Acetone	3.966	43	266621	640.746	ug/l	99
18) Methyl Acetate	4.491	43	3117	2.338	ug/l	92
20) Methylene Chloride	4.722	84	22307	5.911	ug/l	98
25) 2-Butanone	7.002	43	14909	21.308	ug/l	97
31) Cyclohexane	7.795	56	3979	1.307	ug/l #	10
37) Ethyl Acetate	7.002	43	14909	7.862	ug/l #	70
38) Carbon Tetrachloride	7.801	117	16570	6.605	ug/l #	16
59) 2-Hexanone	10.935	43	17037	14.124	ug/l #	31
76) 1,2,3-Trichloropropane	12.483	75	71192	50.955	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71192	93.645	ug/l #	16

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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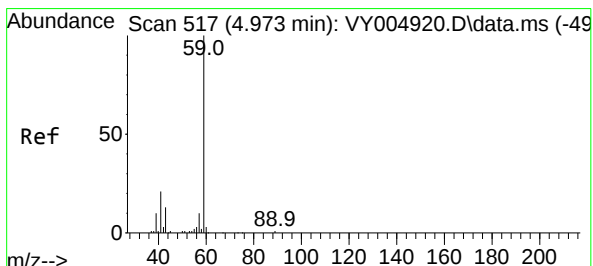
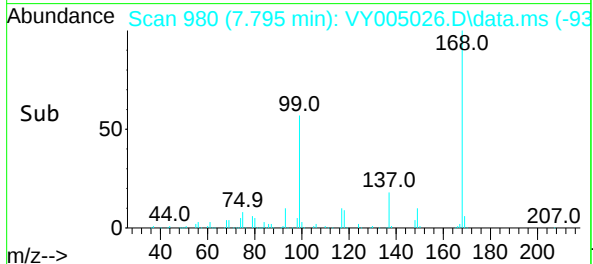
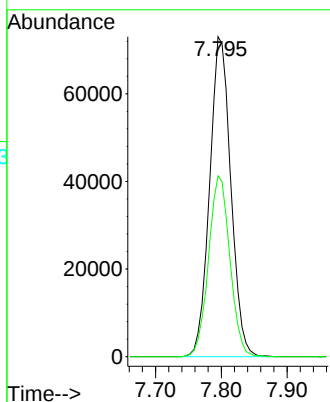
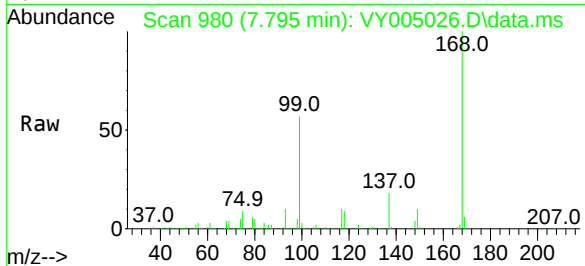




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

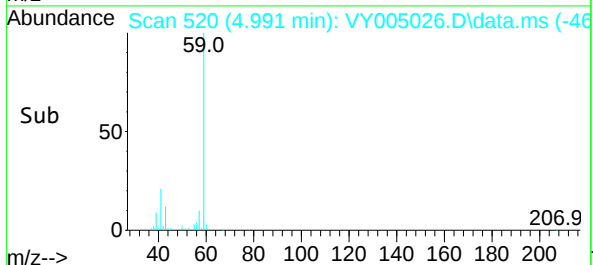
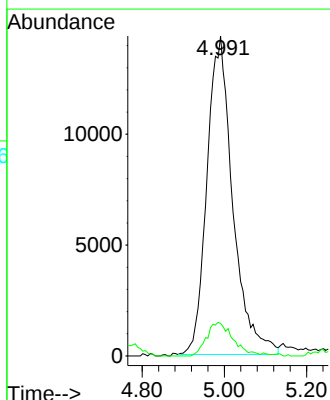
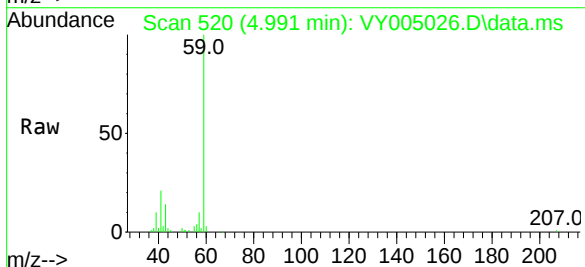
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 163508
Ion Ratio Lower Upper
168 100
99 56.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 315.752 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.018 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

Tgt Ion: 59 Resp: 62768
Ion Ratio Lower Upper
59 100
57 10.7 7.7 11.5

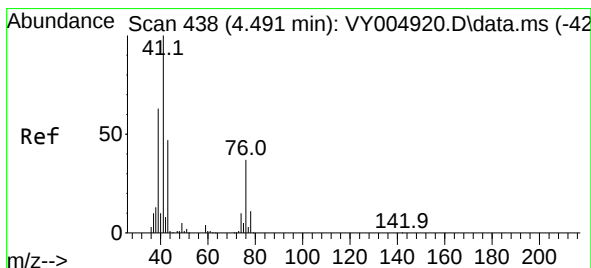
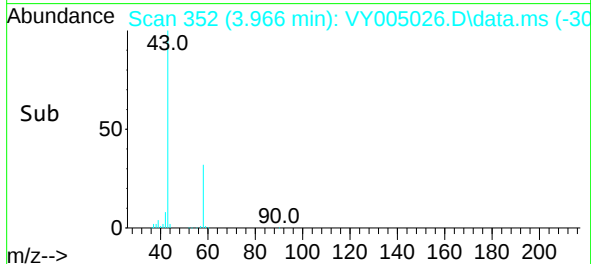
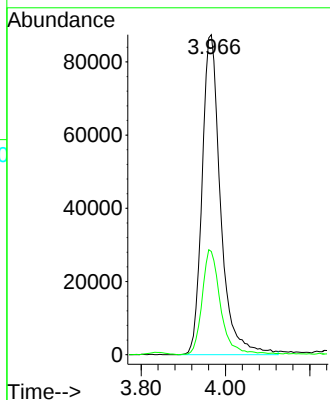
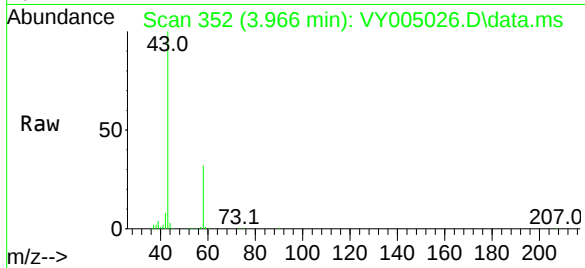




#16
Acetone
Concen: 640.746 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

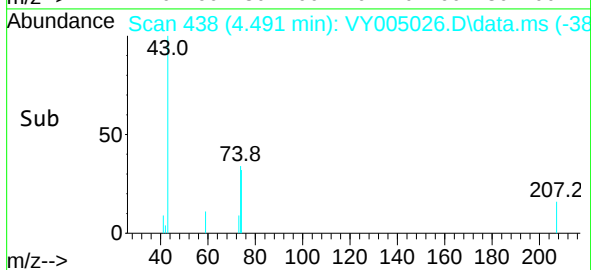
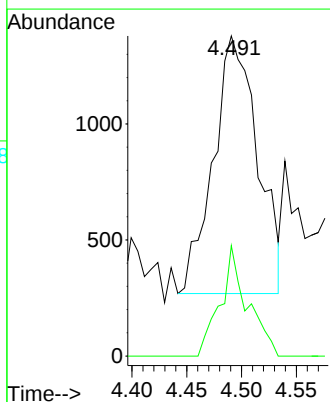
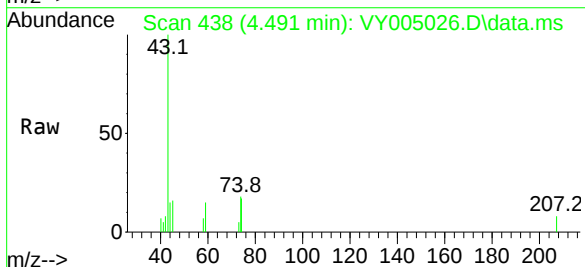
Instrument :
MSVOA_Y
ClientSampled :

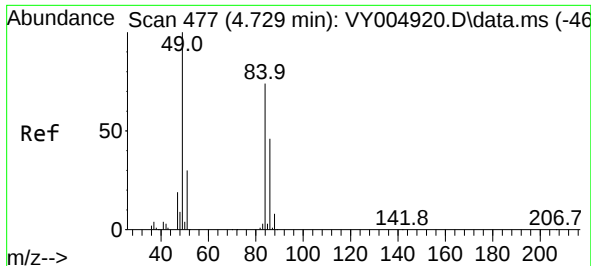
Tgt Ion: 43 Resp: 266621
Ion Ratio Lower Upper
43 100
58 32.2 25.3 37.9



#18
Methyl Acetate
Concen: 2.338 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

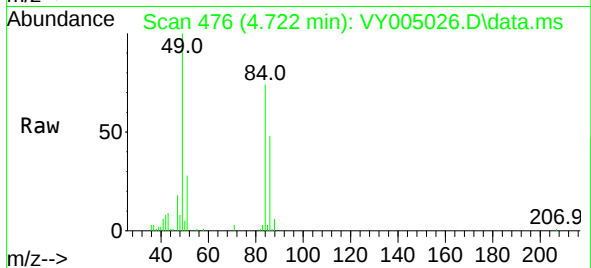
Tgt Ion: 43 Resp: 3117
Ion Ratio Lower Upper
43 100
74 26.3 18.0 27.0



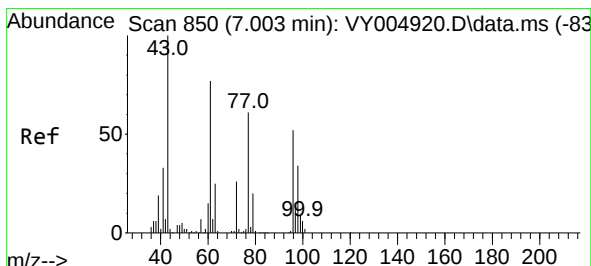
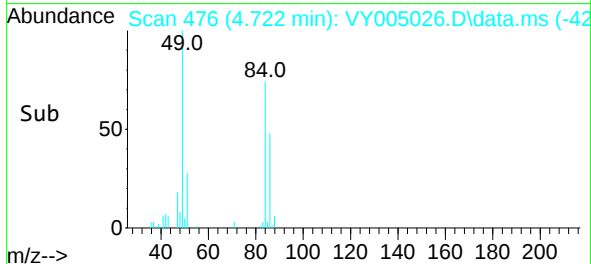
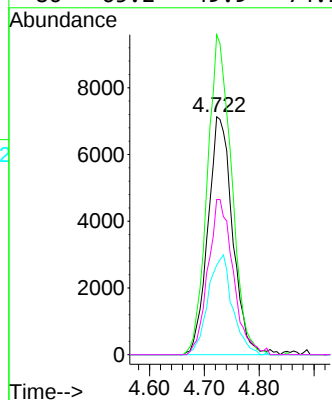


#20
Methylene Chloride
Concen: 5.911 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

Instrument :
MSVOA_Y
ClientSampled :

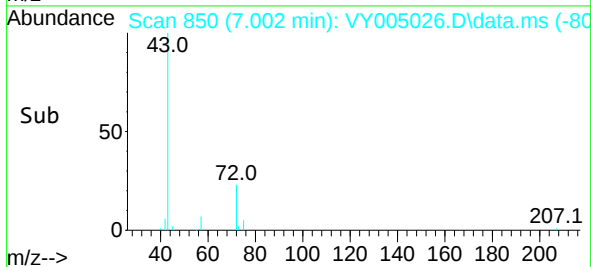
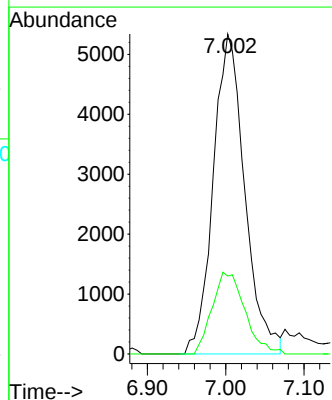
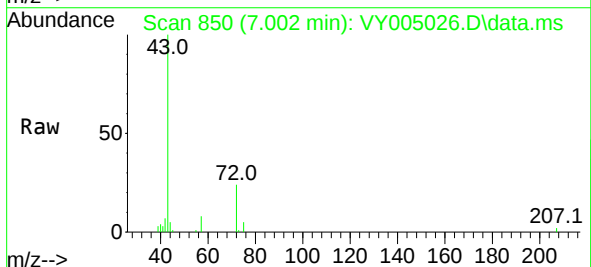


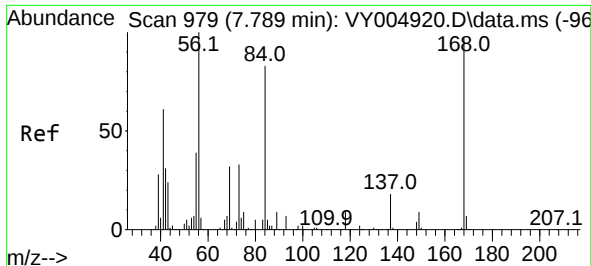
Tgt Ion:	84	Resp:	22307
Ion	Ratio	Lower	Upper
84	100		
49	134.5	108.0	162.0
51	37.6	32.6	48.8
86	65.2	49.9	74.9



#25
2-Butanone
Concen: 21.308 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

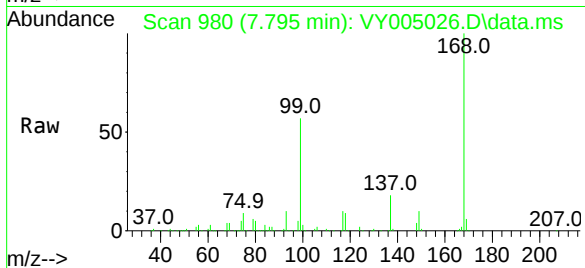
Tgt Ion:	43	Resp:	14909
Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.6	31.0



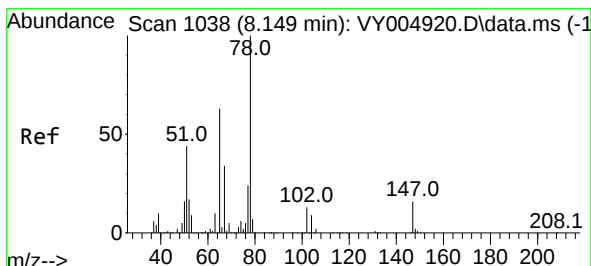
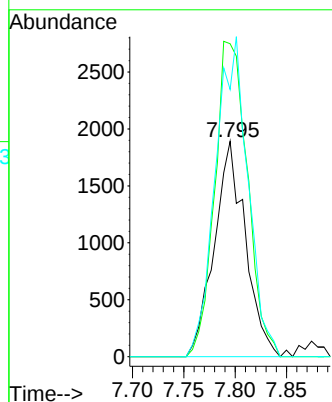
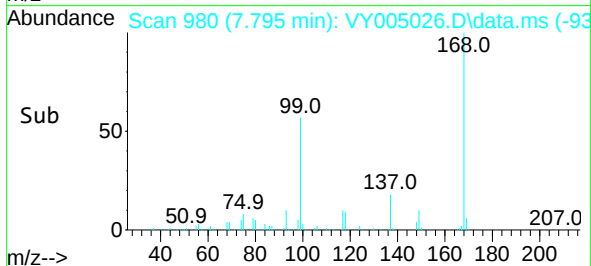


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

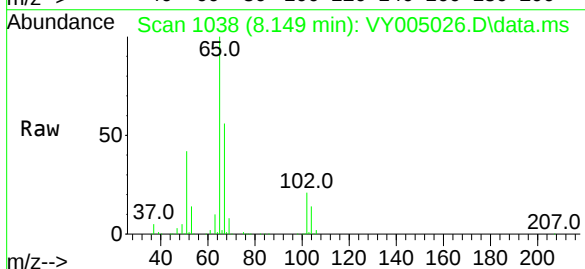
Instrument :
MSVOA_Y
ClientSampleId :



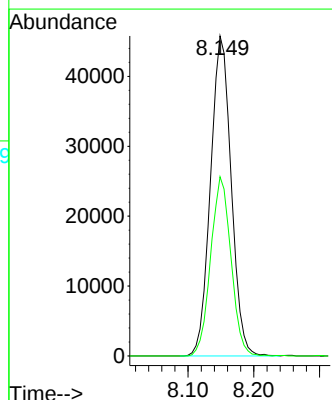
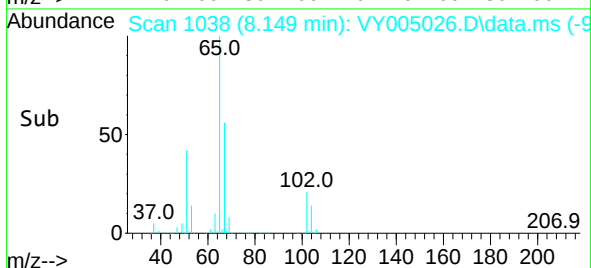
Tgt Ion: 56 Resp: 3979
Ion Ratio Lower Upper
56 100
69 145.3 25.3 37.9#
84 124.1 66.2 99.4#

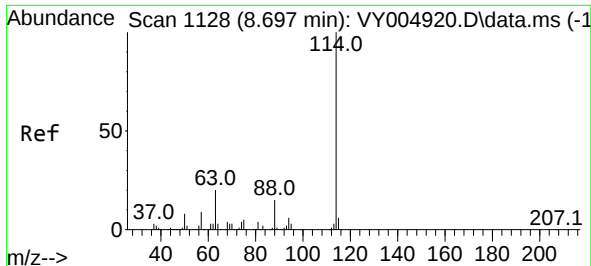


#33
1,2-Dichloroethane-d4
Concen: 57.974 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36



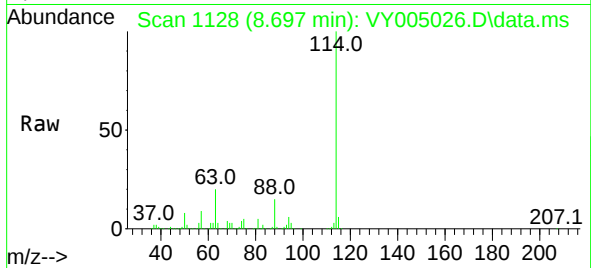
Tgt Ion: 65 Resp: 100212
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6



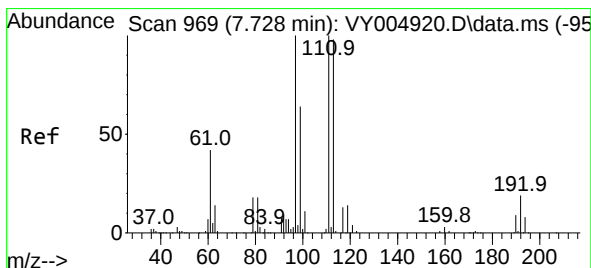
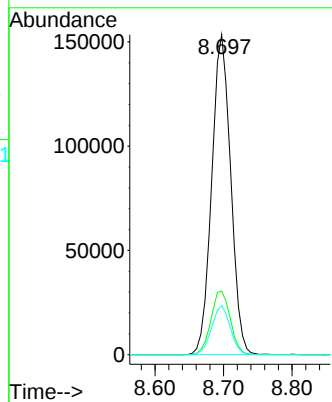
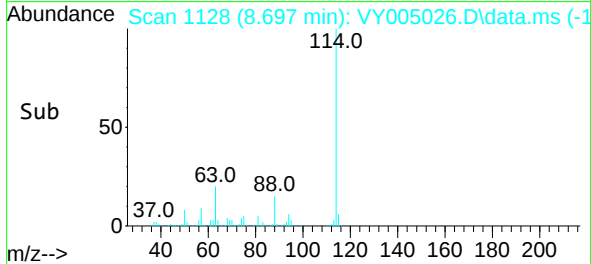


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

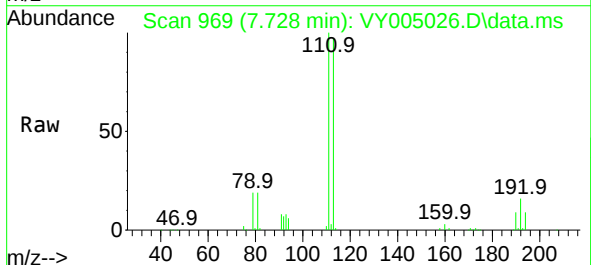
Instrument :
MSVOA_Y
ClientSampleId :



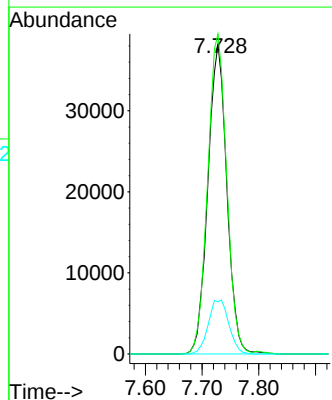
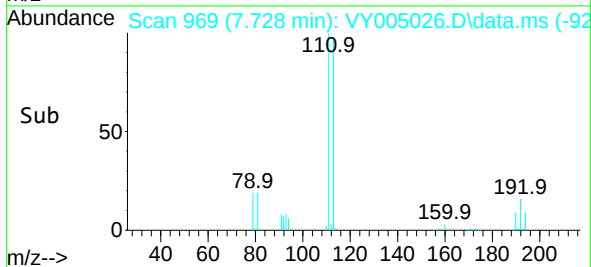
Tgt Ion:114 Resp: 294553
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.0
88 15.3 0.0 30.6

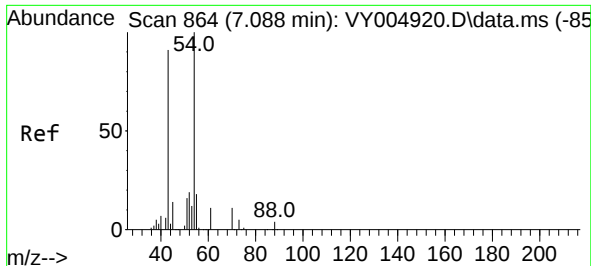


#35
Dibromofluoromethane
Concen: 56.043 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36



Tgt Ion:113 Resp: 88813
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 18.9 15.3 22.9





#37

Ethyl Acetate

Concen: 7.862 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.086 min

Lab File: VY005026.D

Acq: 08 Jun 2021 16:36

Tgt Ion: 43 Resp: 14909

Ion Ratio Lower Upper

43 100

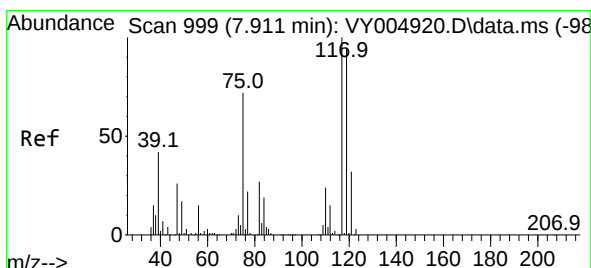
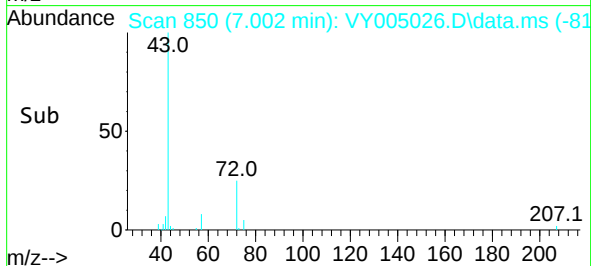
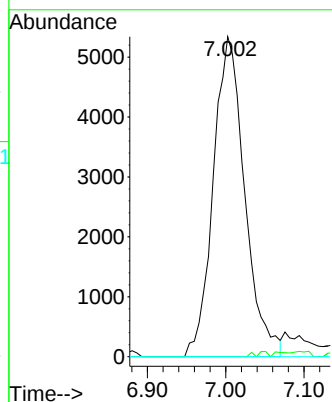
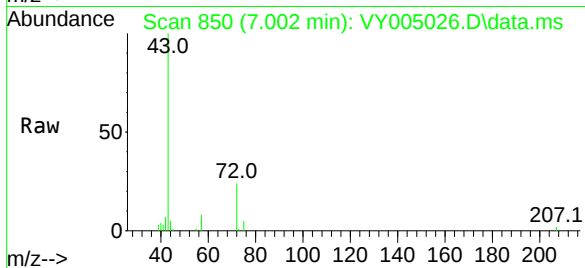
61 0.0 10.5 15.7#

70 0.0 7.9 11.9#

Instrument :

MSVOA_Y

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.605 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY005026.D

Acq: 08 Jun 2021 16:36

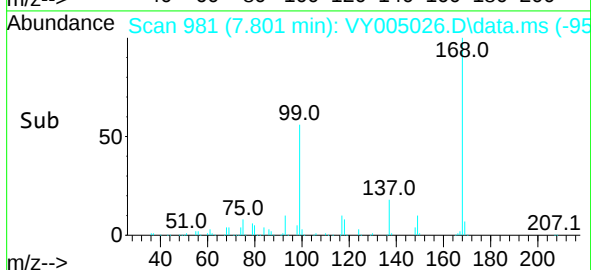
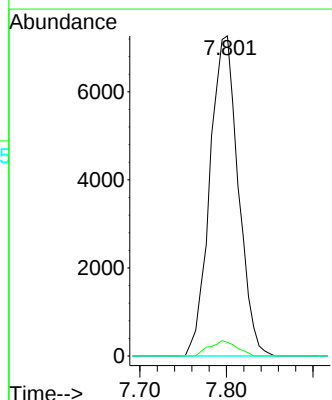
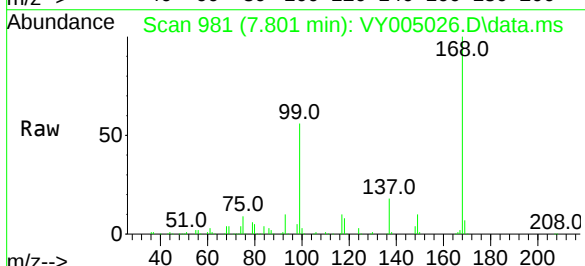
Tgt Ion: 117 Resp: 16570

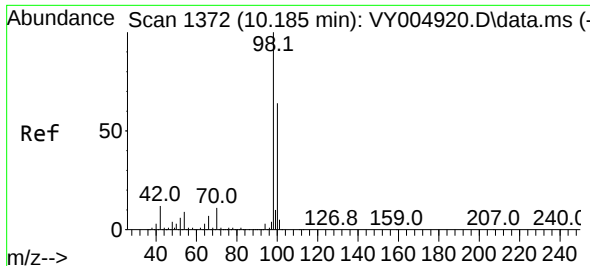
Ion Ratio Lower Upper

117 100

119 4.3 76.1 114.1#

121 0.0 25.5 38.3#

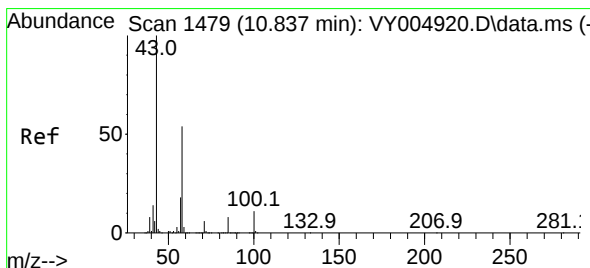
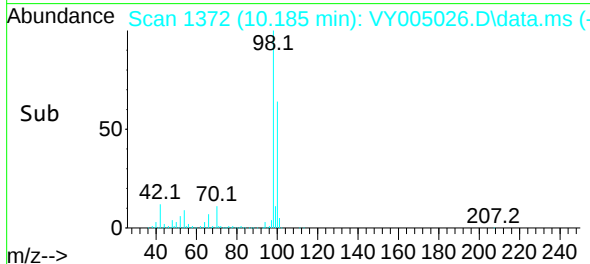
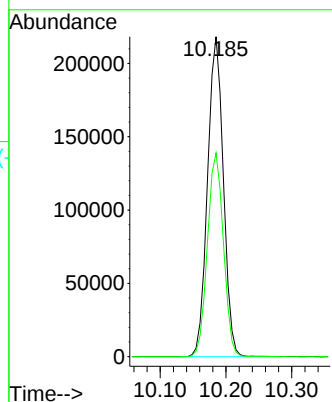
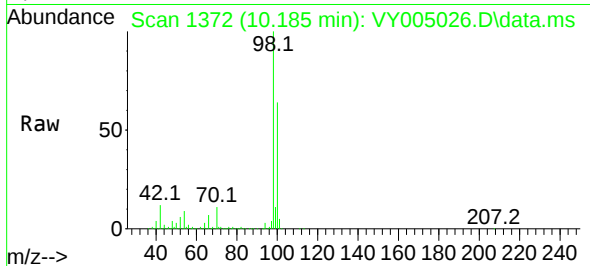




#50
Toluene-d8
Concen: 55.550 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

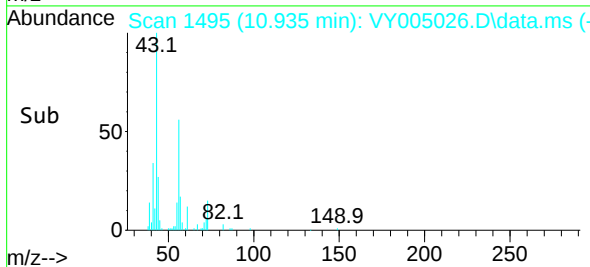
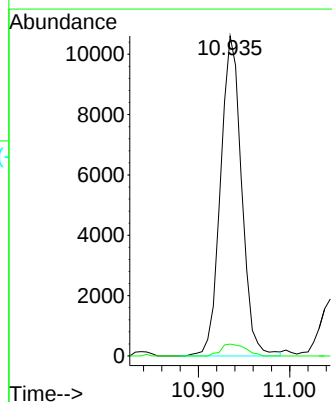
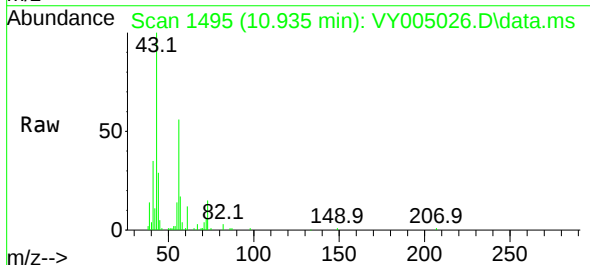
Instrument :
MSVOA_Y
ClientSampled :

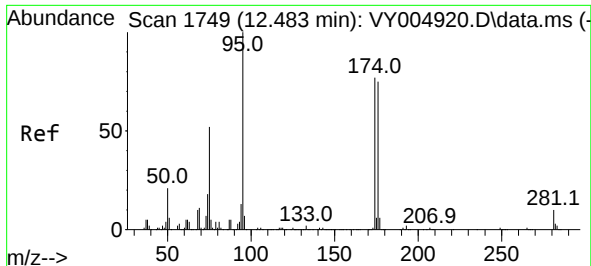
Tgt Ion: 98 Resp: 365611
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#59
2-Hexanone
Concen: 14.124 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

Tgt Ion: 43 Resp: 17037
Ion Ratio Lower Upper
43 100
58 4.4 27.0 80.8#

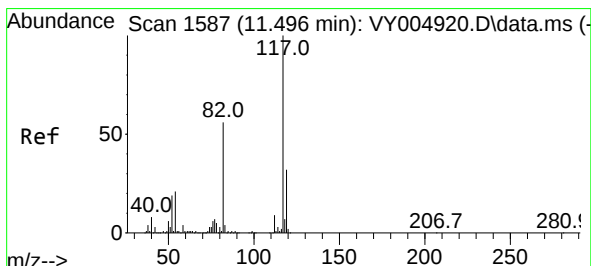
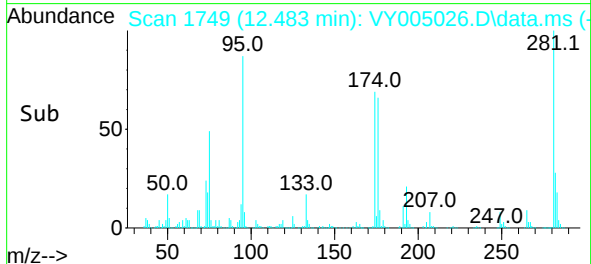
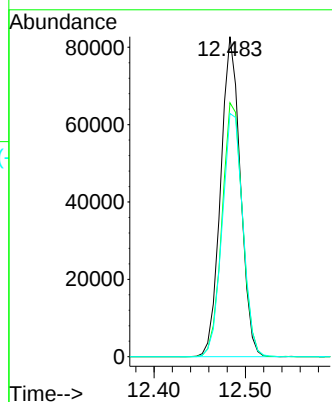
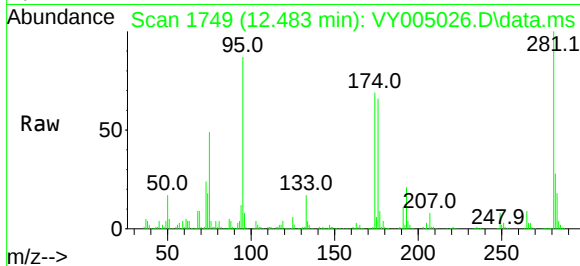




#62
4-Bromofluorobenzene
Concen: 54.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

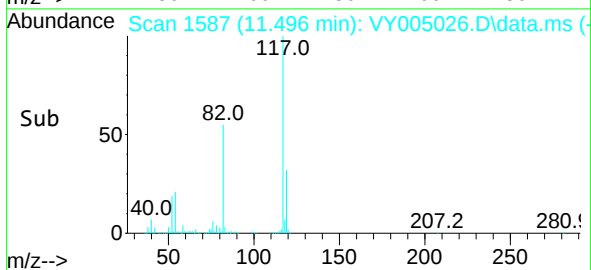
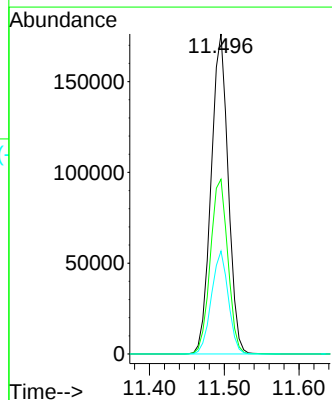
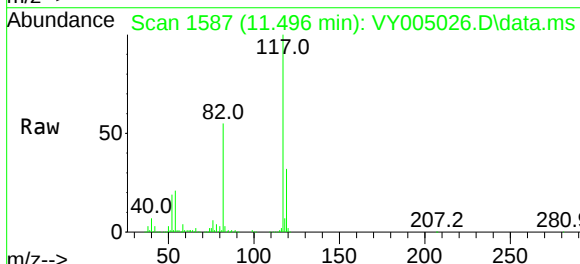
Instrument :
MSVOA_Y
ClientSampleId :

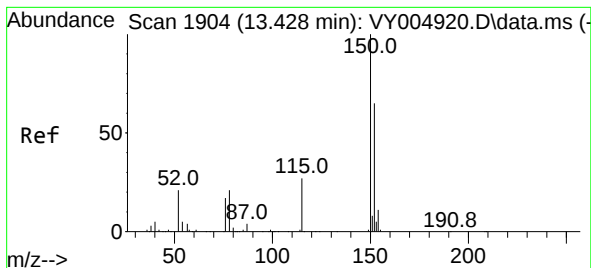
Tgt Ion: 95 Resp: 123951
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.8
176 79.7 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005026.D
Acq: 08 Jun 2021 16:36

Tgt Ion: 117 Resp: 280141
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 32.1 25.2 37.8

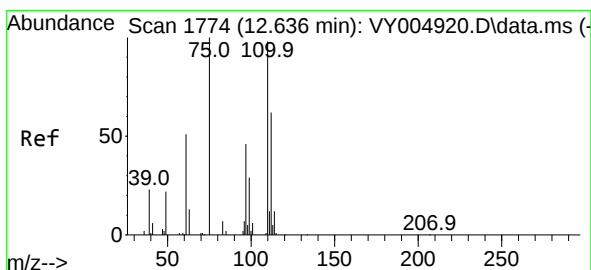
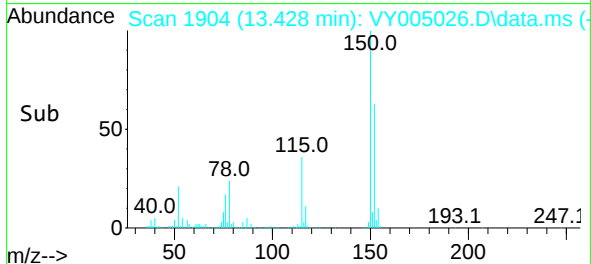
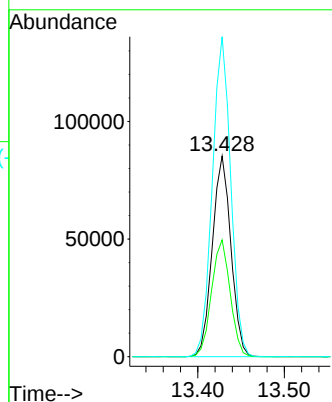
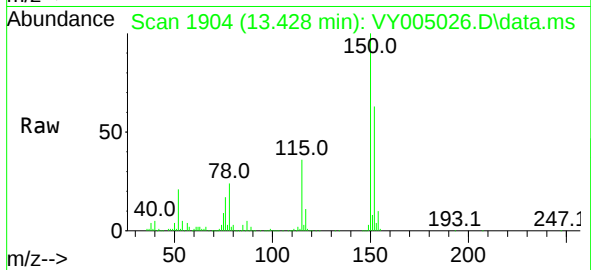




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005026.D
 Acq: 08 Jun 2021 16:36

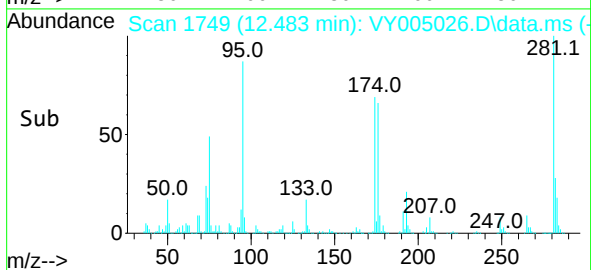
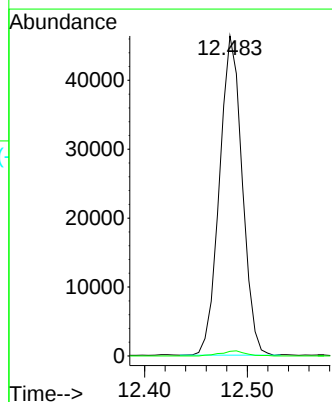
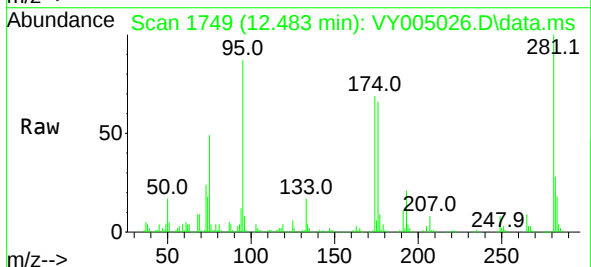
Instrument :
 MSVOA_Y
 ClientSampleId :

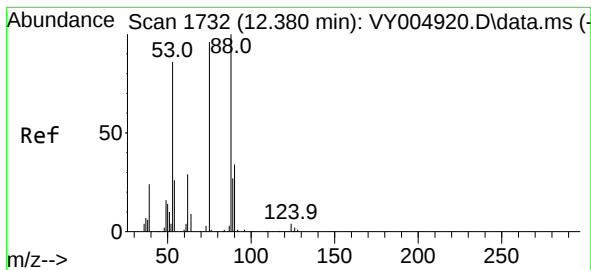
Tgt Ion:152 Resp: 127454
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.9 89.7
 150 157.4 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 50.955 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005026.D
 Acq: 08 Jun 2021 16:36

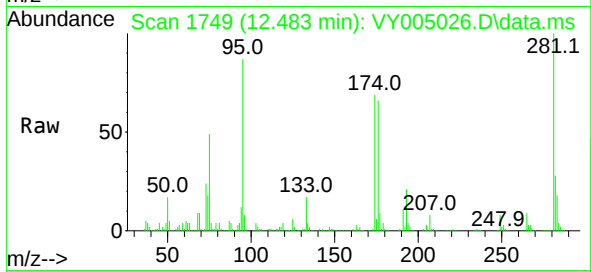
Tgt Ion: 75 Resp: 71192
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.645 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005026.D
 Acq: 08 Jun 2021 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 71192
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.3 103.9#
 89 2.7 35.0 52.6#

