

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004507.D
 Acq On : 19 Apr 2021 18:44
 Operator : SY/MD
 Sample : M2076-04
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-0-2.0

Quant Time: Apr 20 01:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	132871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	225895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	90671	61.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.84%
35) Dibromofluoromethane	7.728	113	73029	55.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.20%
50) Toluene-d8	10.185	98	293619	52.56	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.12%
62) 4-Bromofluorobenzene	12.483	95	99331	52.39	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.78%

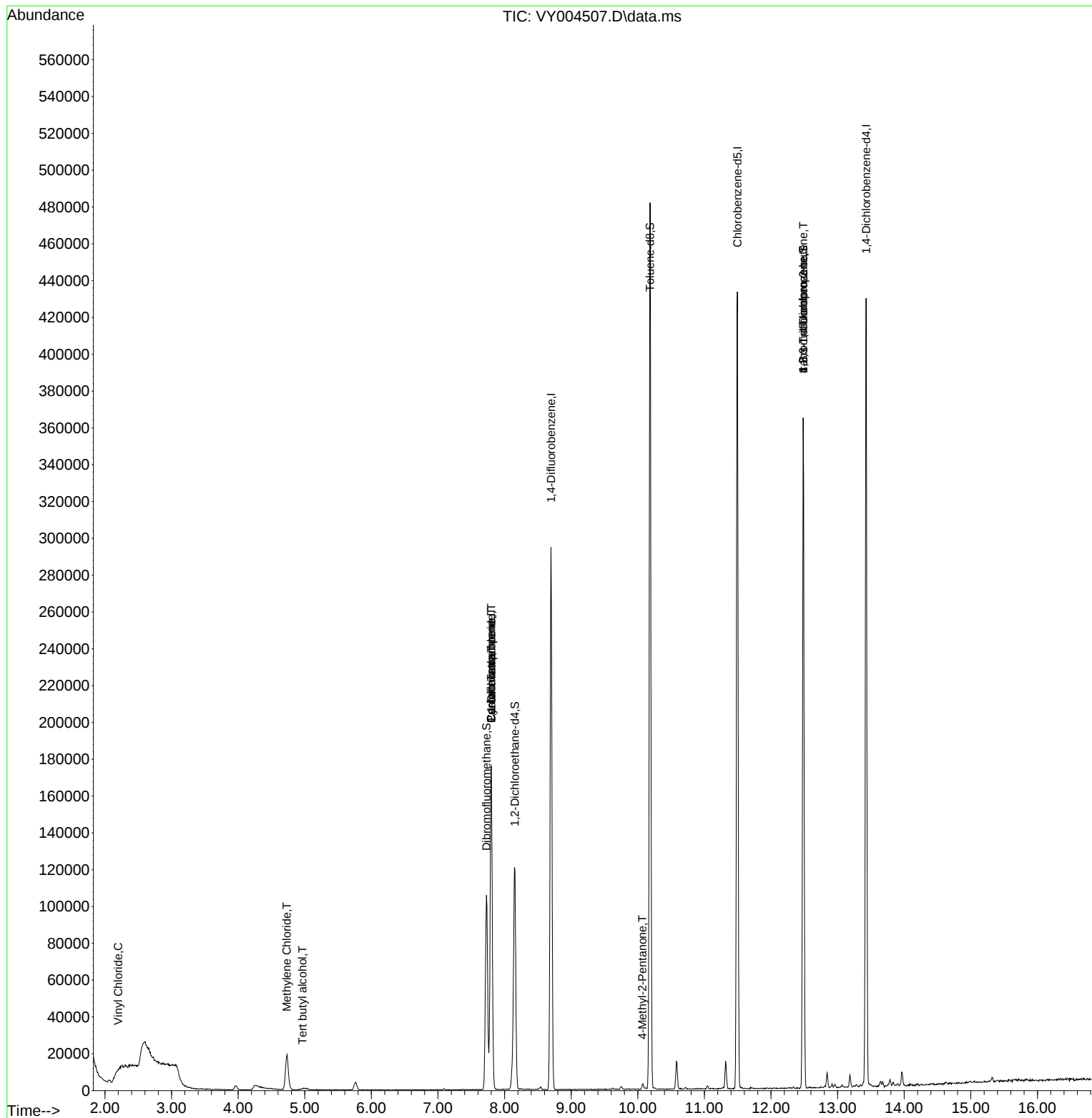
Target Compounds					Qvalue	
4) Vinyl Chloride	2.198	62	4366	2.32	ug/l #	43
11) Tert butyl alcohol	4.966	59	1664	11.44	ug/l #	76
16) Acetone	3.972	43	4377	Below	Cal	92
20) Methylene Chloride	4.728	84	13534	9.49	ug/l	90
31) Cyclohexane	7.801	56	3113	1.15	ug/l #	5
36) 1,1-Dichloropropene	7.801	75	10952	4.66	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13676	6.73	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	2224	1.51	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	55479	50.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55479	90.61	ug/l #	12

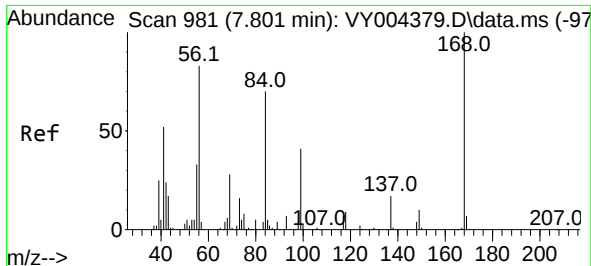
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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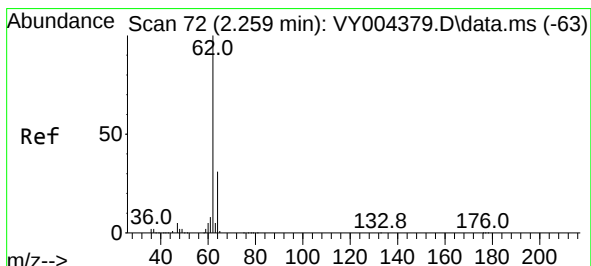
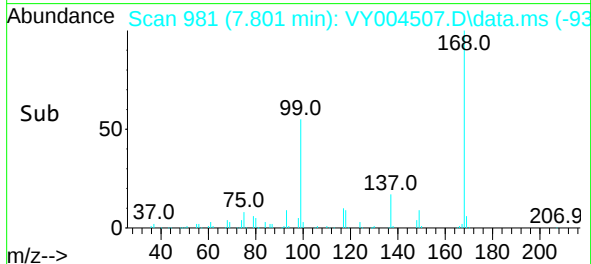
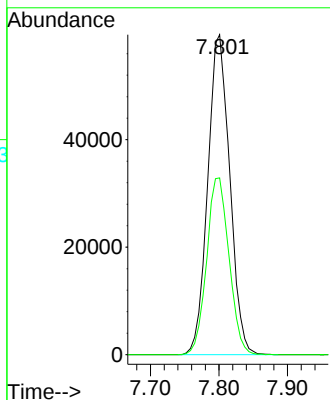
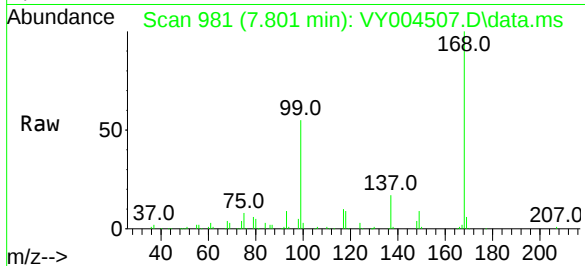




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

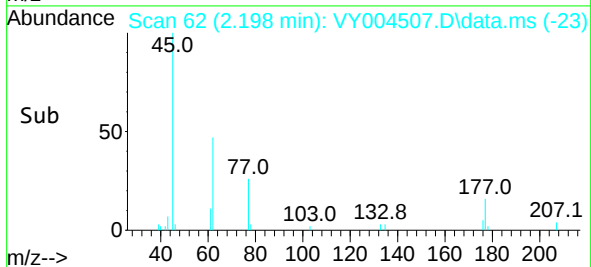
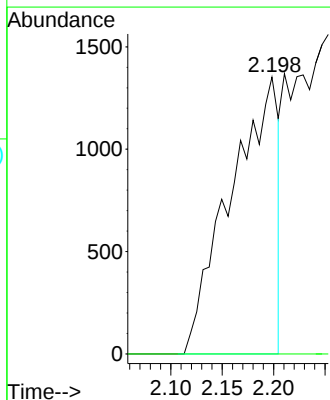
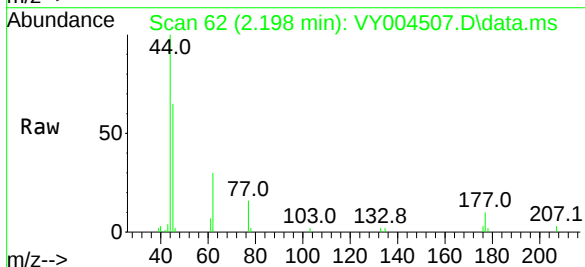
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

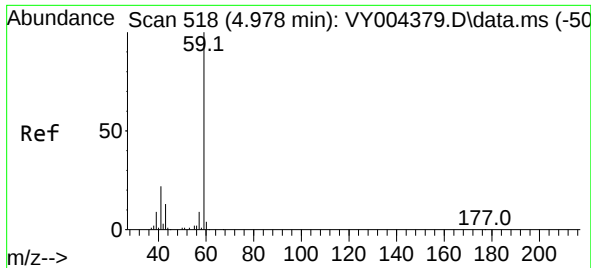
Tgt Ion:168 Resp: 132871
Ion Ratio Lower Upper
168 100
99 55.3 45.5 68.3



#4
Vinyl Chloride
Concen: 2.32 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

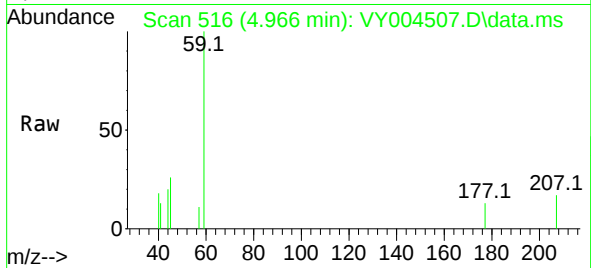
Tgt Ion: 62 Resp: 4366
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



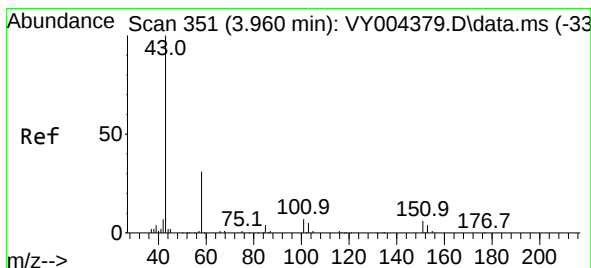
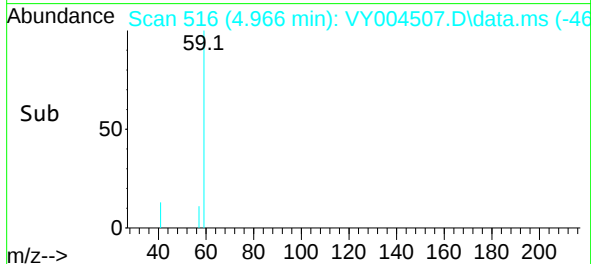
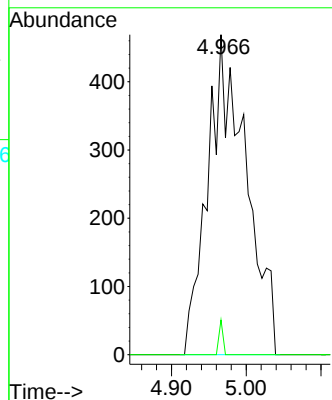


#11
Tert butyl alcohol
Concen: 11.44 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

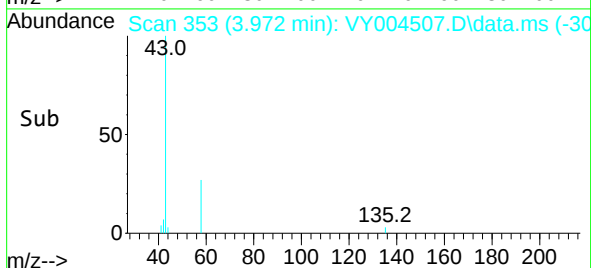
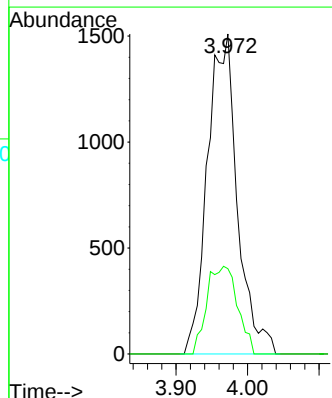
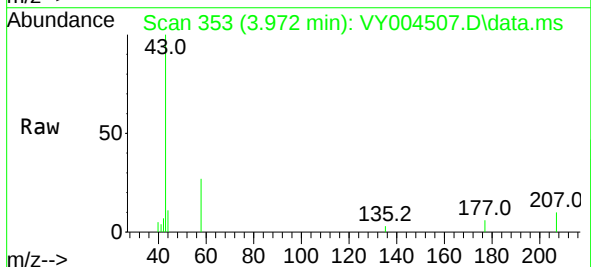


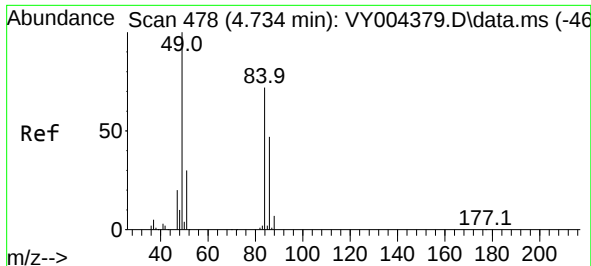
Tgt Ion: 59 Resp: 1664
Ion Ratio Lower Upper
59 100
57 1.1 8.1 12.1#



#16
Acetone
Concen: Below Cal
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

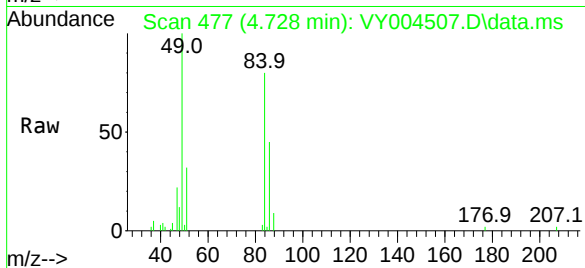
Tgt Ion: 43 Resp: 4377
Ion Ratio Lower Upper
43 100
58 26.7 24.6 37.0



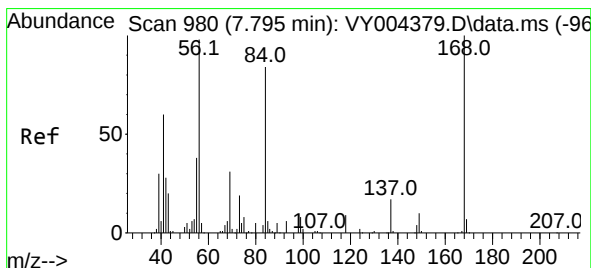
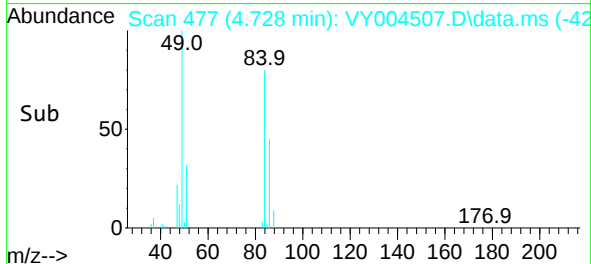
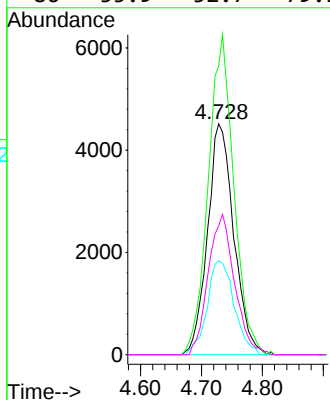


#20
Methylene Chloride
Concen: 9.49 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

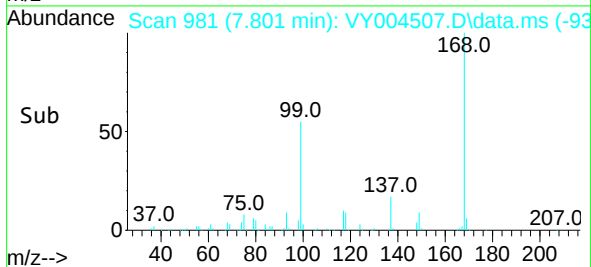
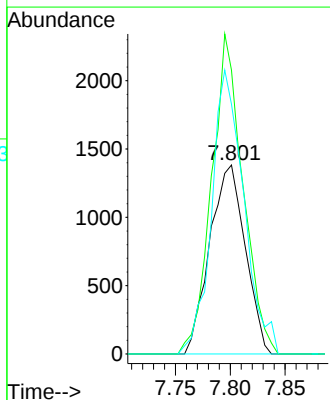
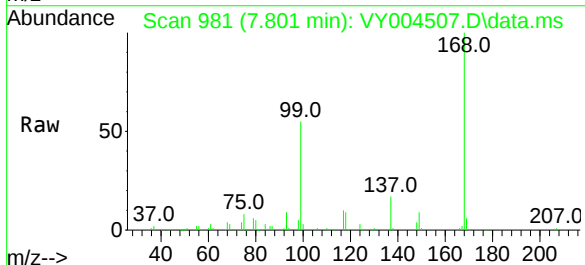


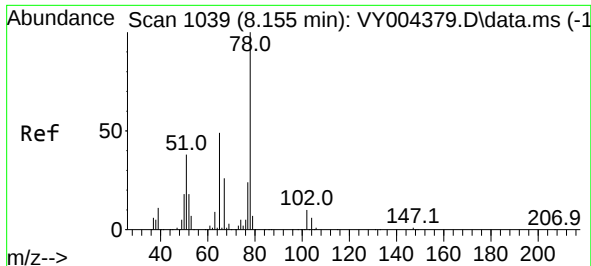
Tgt Ion:	84	Resp:	13534
Ion	Ratio	Lower	Upper
84	100		
49	125.1	111.2	166.8
51	40.6	33.4	50.2
86	55.9	52.7	79.1



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion:	56	Resp:	3113
Ion	Ratio	Lower	Upper
56	100		
69	150.3	25.8	38.6#
84	132.2	68.2	102.4#

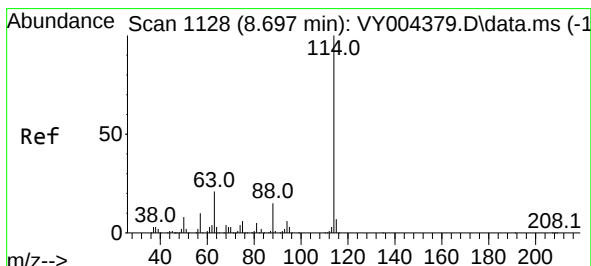
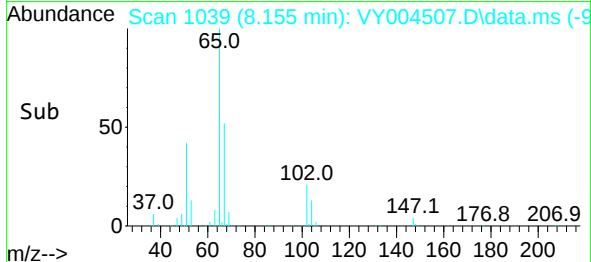
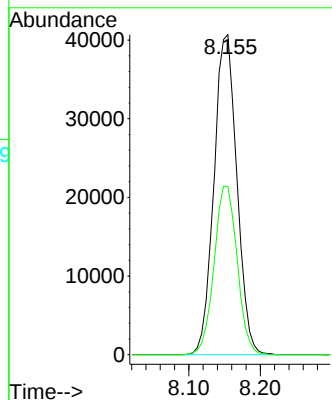
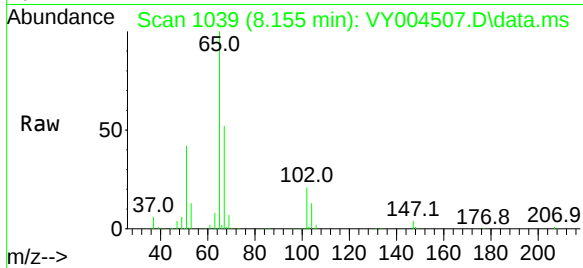




#33
 1,2-Dichloroethane-d4
 Concen: 61.42 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004507.D
 Acq: 19 Apr 2021 18:44

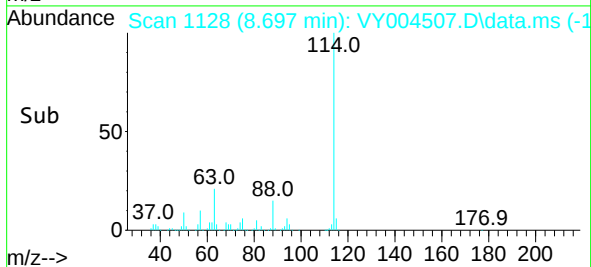
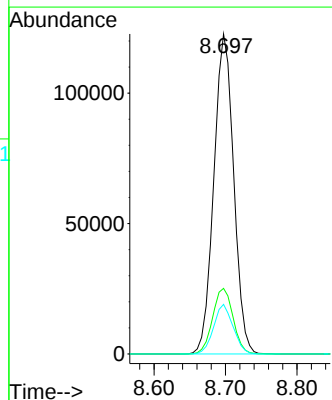
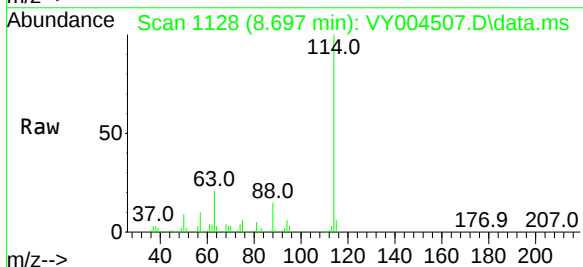
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-0-2.0

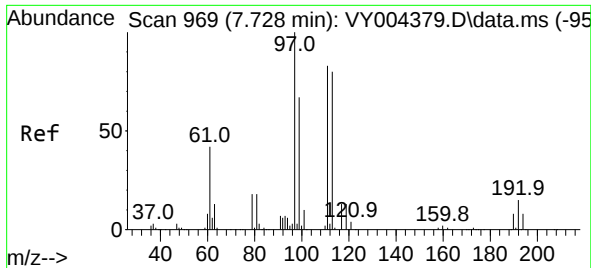
Tgt Ion: 65 Resp: 90671
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004507.D
 Acq: 19 Apr 2021 18:44

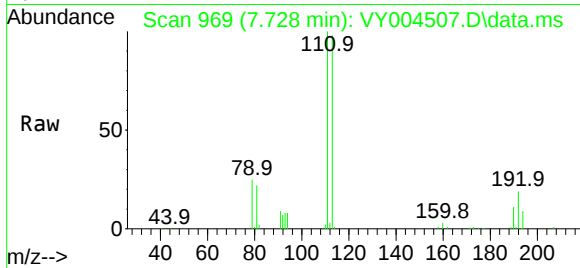
Tgt Ion: 114 Resp: 236670
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.5 0.0 30.8



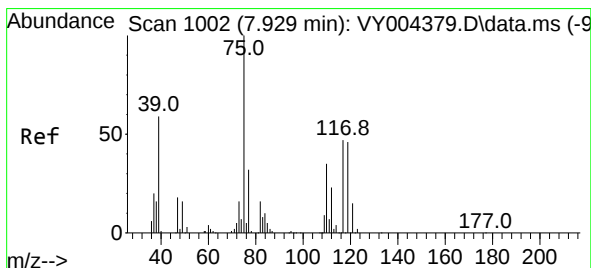
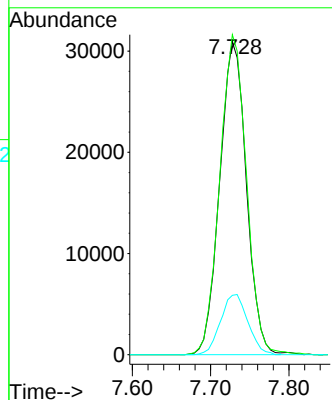
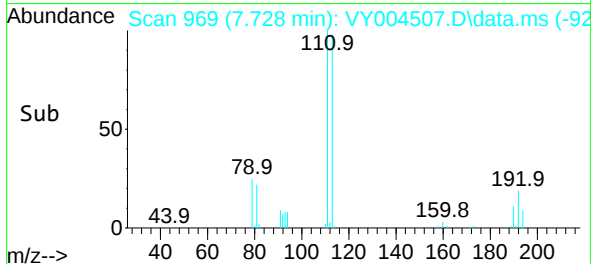


#35
Dibromofluoromethane
Concen: 55.60 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

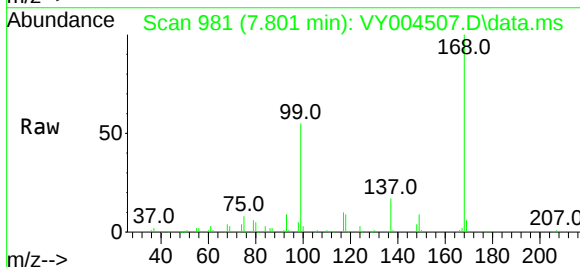
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0



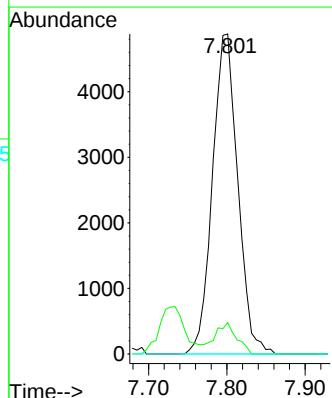
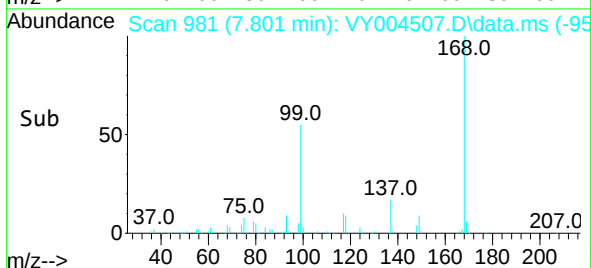
Tgt Ion:	113	Resp:	73029
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.7	16.1	24.1

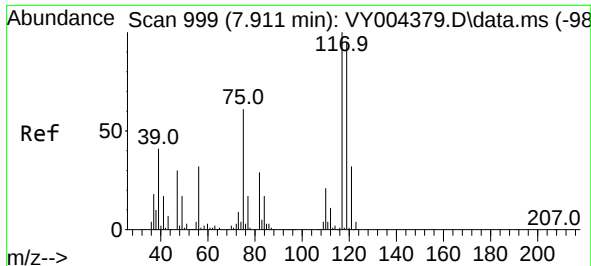


#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44



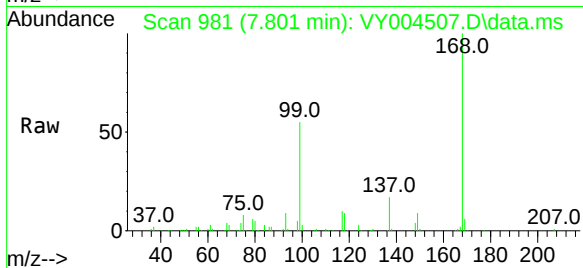
Tgt Ion:	75	Resp:	10952
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.3	51.7#
77	0.0	24.3	36.5#



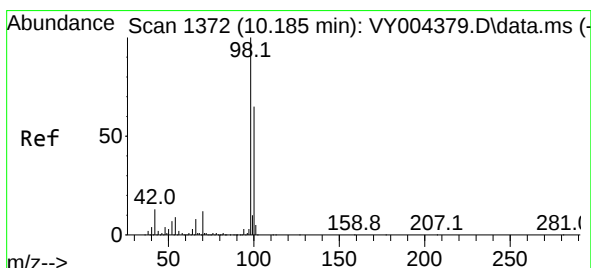
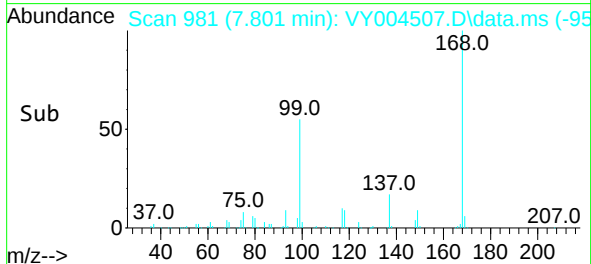
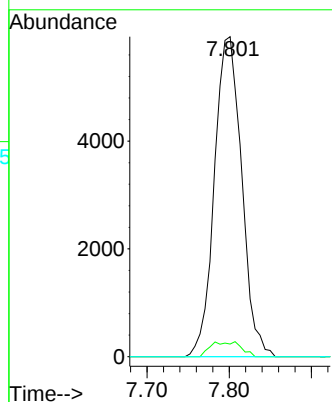


#38
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

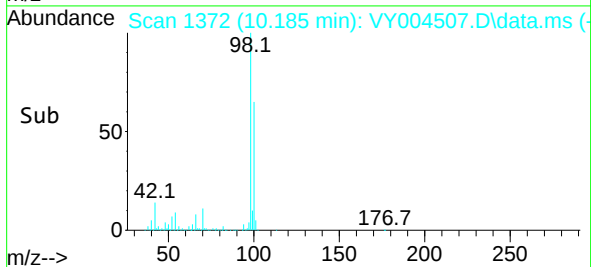
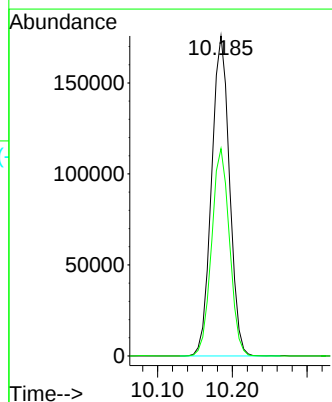
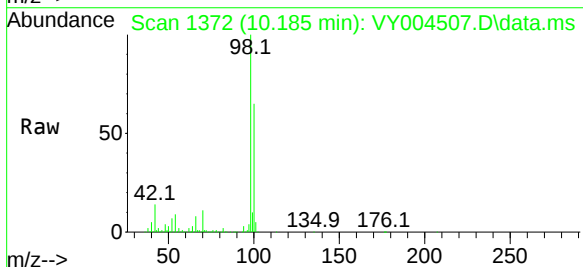


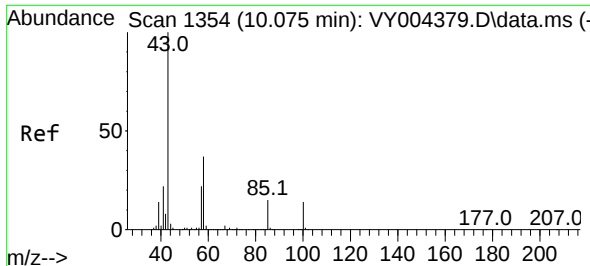
Tgt Ion:117 Resp: 13676
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.56 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 98 Resp: 293619
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

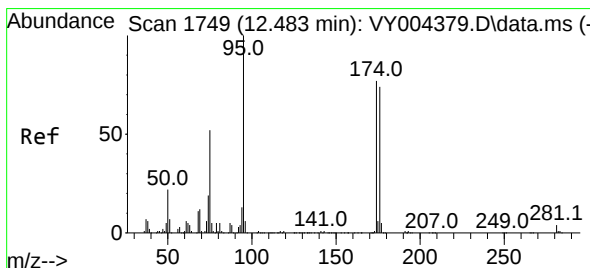
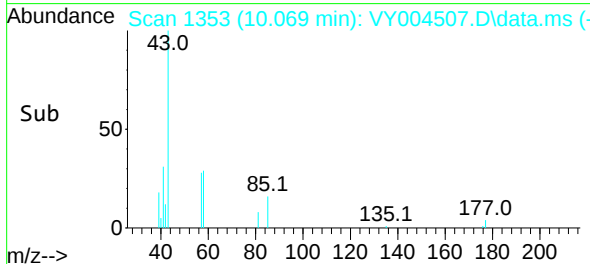
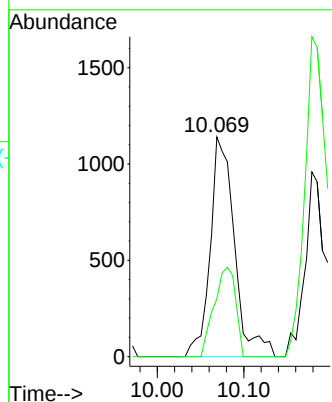
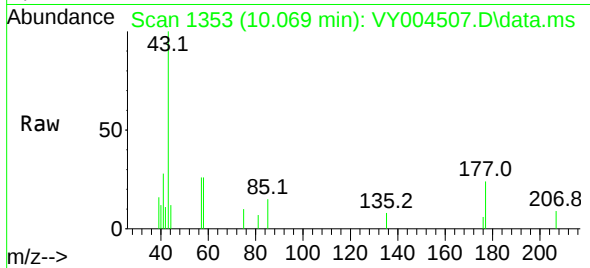




#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

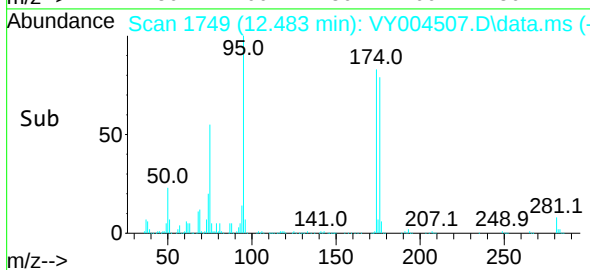
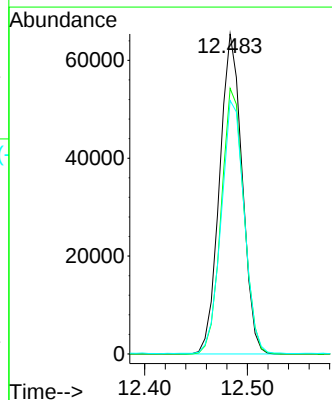
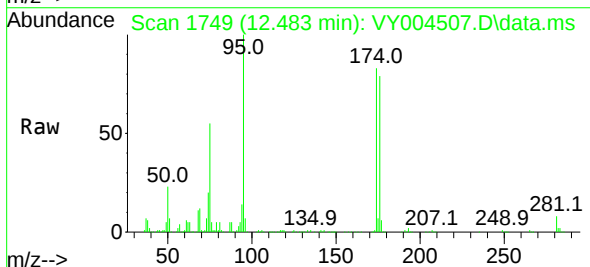
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

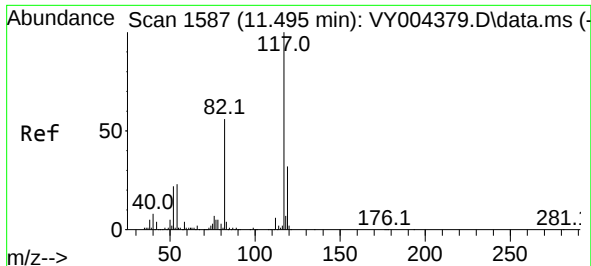
Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
58 35.7 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 52.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 95 Resp: 99331
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.6 0.0 156.0

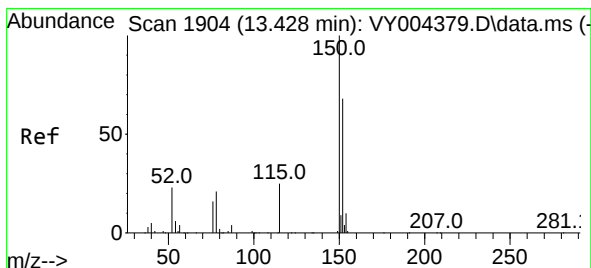
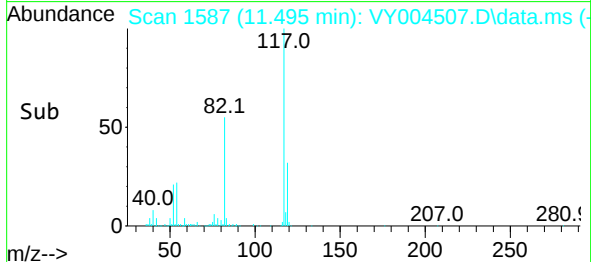
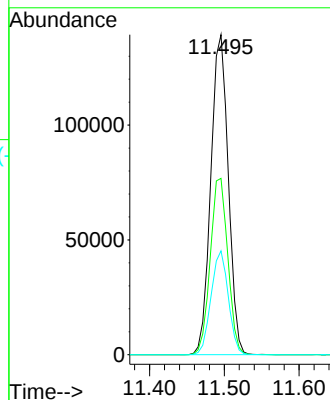
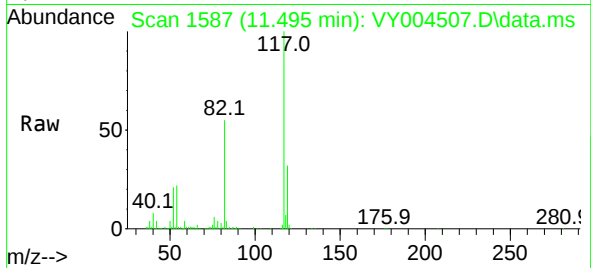




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

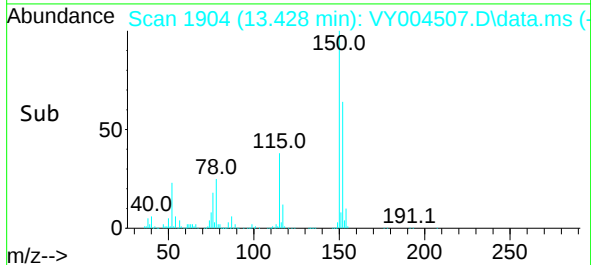
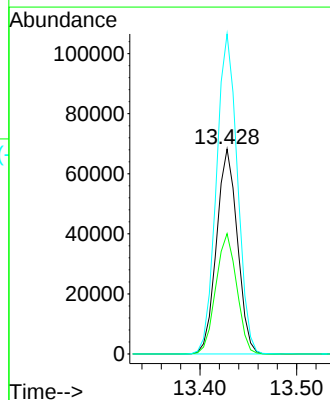
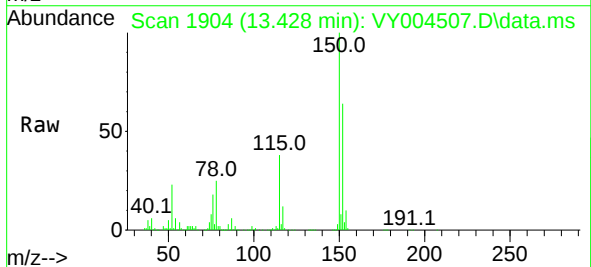
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

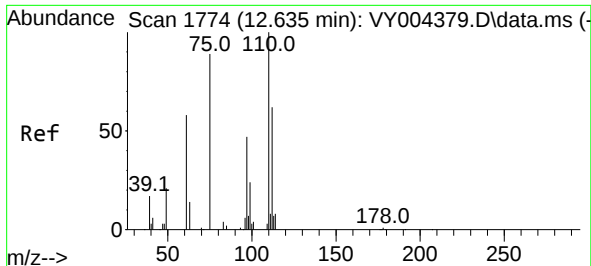
Tgt Ion:	117	Resp:	225895
Ion Ratio	Lower	Upper	
117	100		
82	55.1	44.9	67.3
119	32.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion:	152	Resp:	102050
Ion Ratio	Lower	Upper	
152	100		
115	58.7	29.6	88.8
150	157.2	0.0	348.4

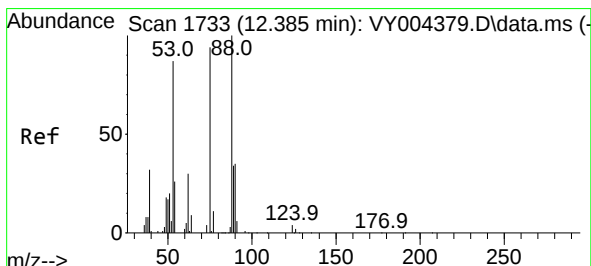
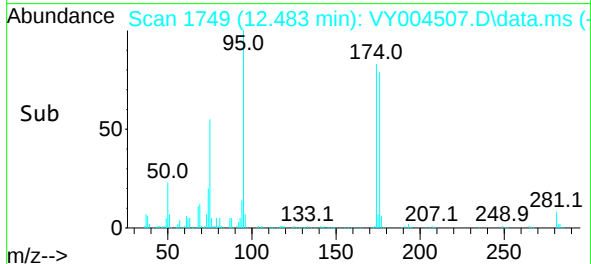
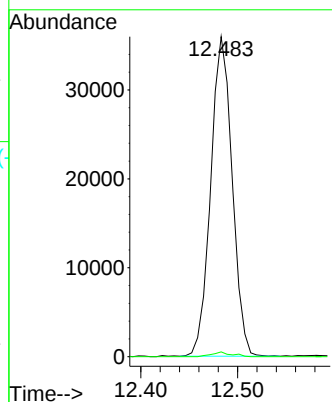
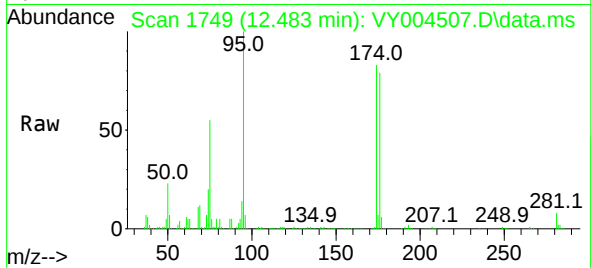




#76
1,2,3-Trichloropropane
Concen: 50.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-0-2.0

Tgt Ion: 75 Resp: 55479
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004507.D
Acq: 19 Apr 2021 18:44

Tgt Ion: 75 Resp: 55479
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

