

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004511.D
 Acq On : 19 Apr 2021 20:17
 Operator : SY/MD
 Sample : M2076-10
 Misc : 5.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-0-2.0

Quant Time: Apr 20 01:52:01 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)

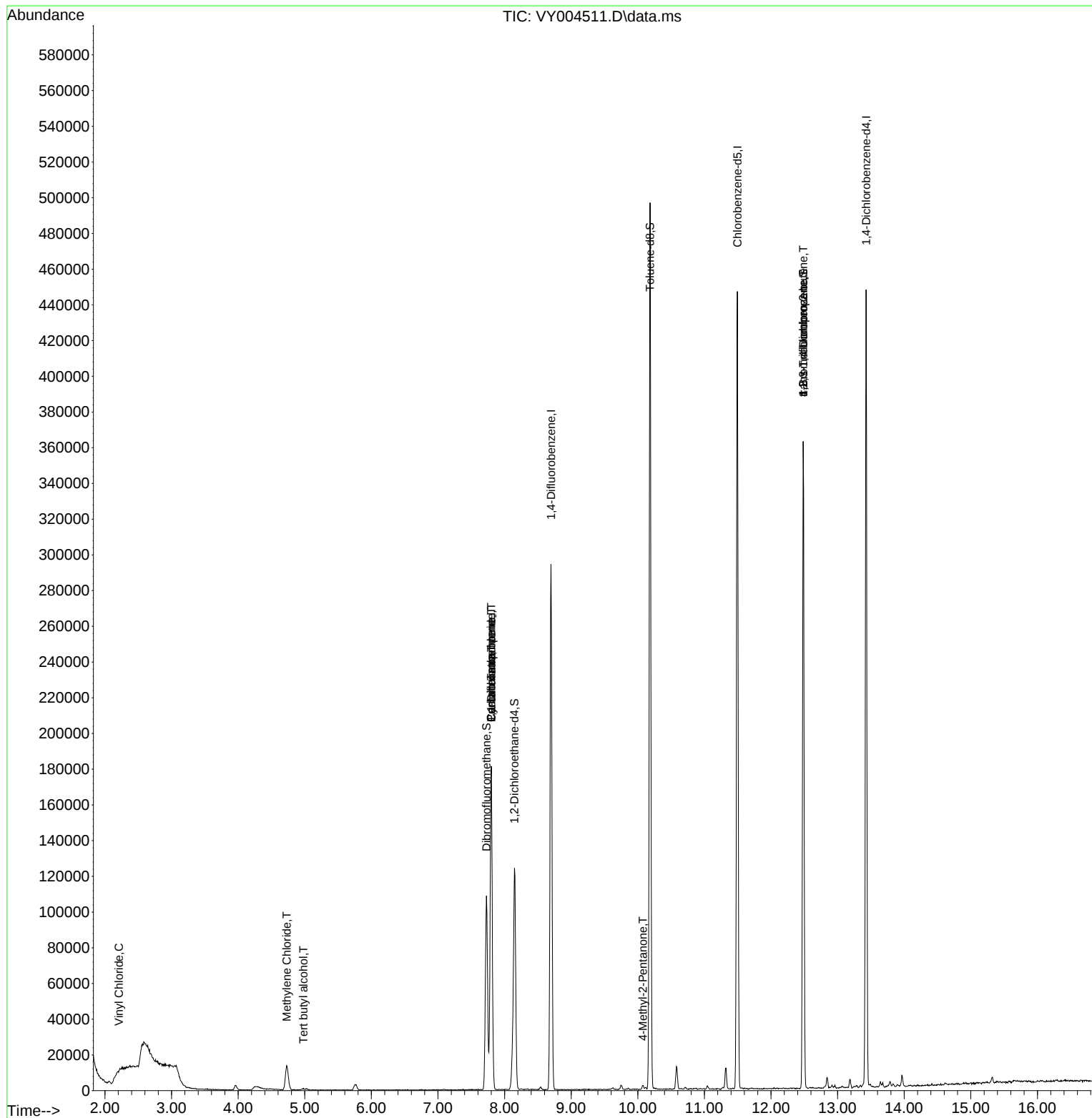
Internal Standards						
1) Pentafluorobenzene	7.801	168	136131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	227829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89051	58.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.76%
35) Dibromofluoromethane	7.728	113	74352	55.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.20%
50) Toluene-d8	10.185	98	298570	52.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.98%
62) 4-Bromofluorobenzene	12.483	95	101617	52.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.30%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.210	62	5255	2.73	ug/l #	43
11) Tert butyl alcohol	4.978	59	1304	8.75	ug/l #	73
16) Acetone	3.960	43	4581	Below	Cal	98
20) Methylene Chloride	4.728	84	9604	6.57	ug/l	95
31) Cyclohexane	7.801	56	3213	1.16	ug/l #	6
36) 1,1-Dichloropropene	7.801	75	10968	4.58	ug/l #	51
38) Carbon Tetrachloride	7.801	117	13887	6.71	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1841	1.23	ug/l	88
76) 1,2,3-Trichloropropane	12.483	75	56077	49.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56077	88.51	ug/l #	12

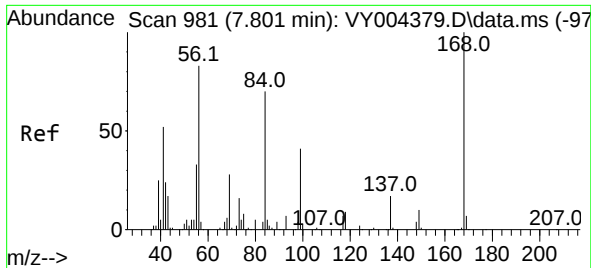
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
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Quant Title : SW846 8260
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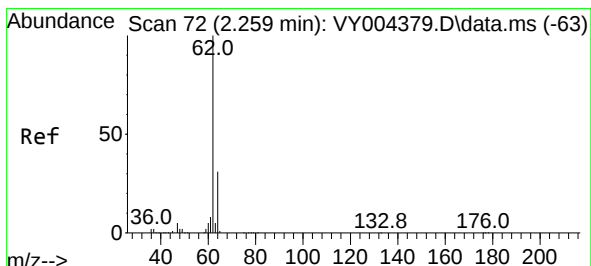
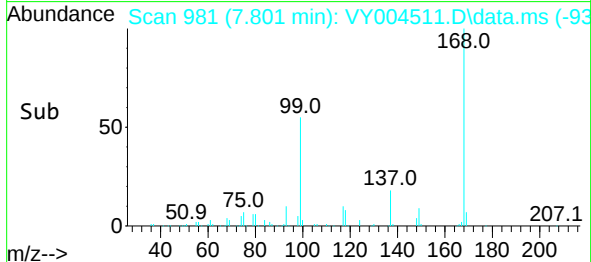
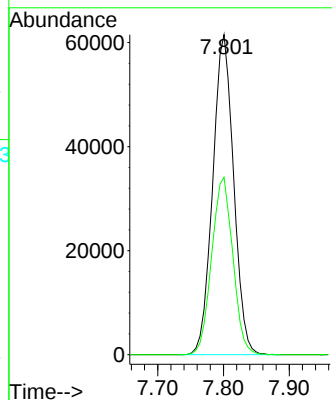
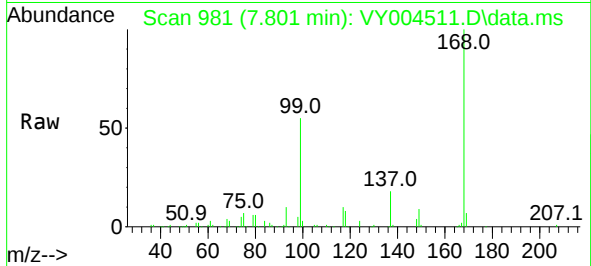




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

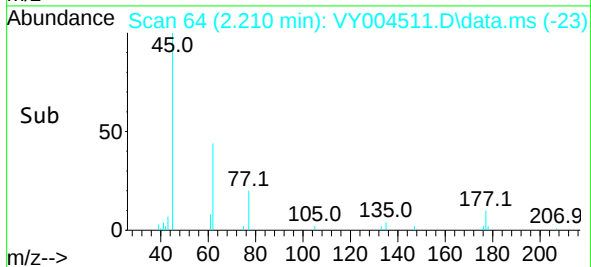
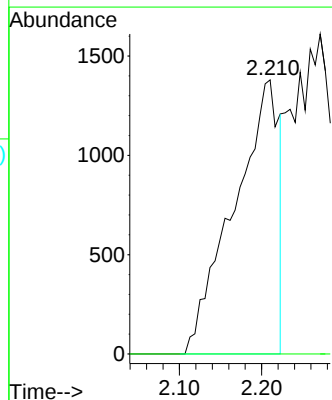
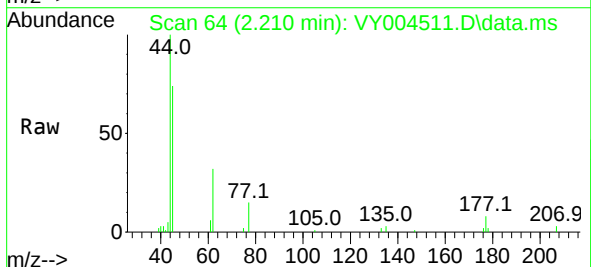
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

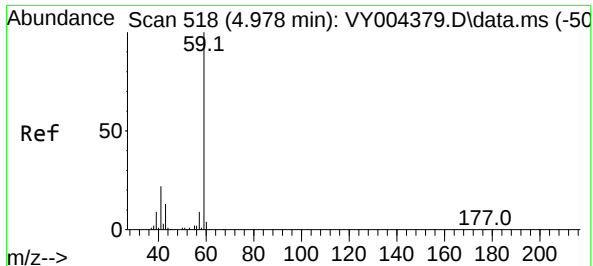
Tgt Ion:168 Resp: 136131
Ion Ratio Lower Upper
168 100
99 55.4 45.5 68.3



#4
Vinyl Chloride
Concen: 2.73 ug/l
RT: 2.210 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Tgt Ion: 62 Resp: 5255
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



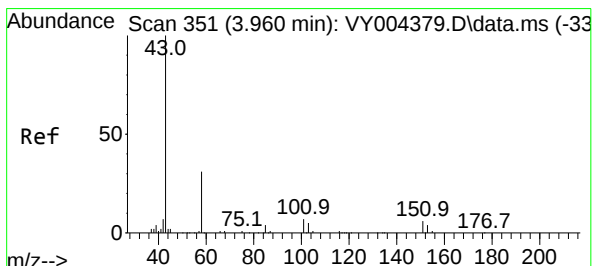
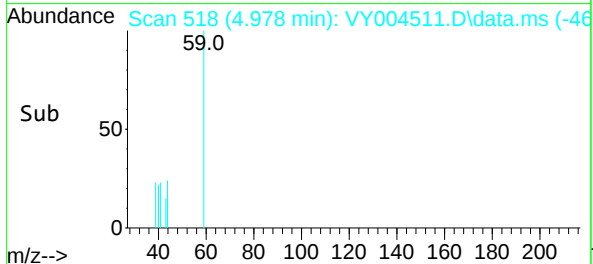
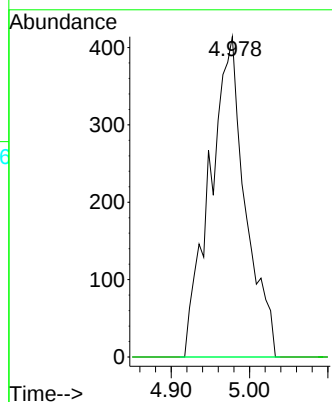
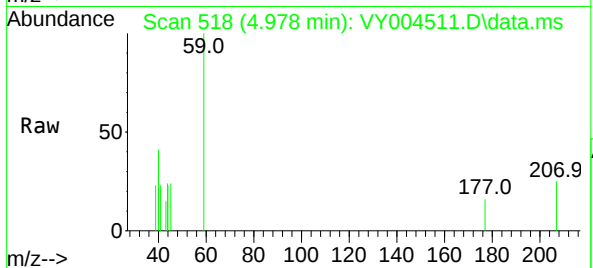


#11

Tert butyl alcohol
Concen: 8.75 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

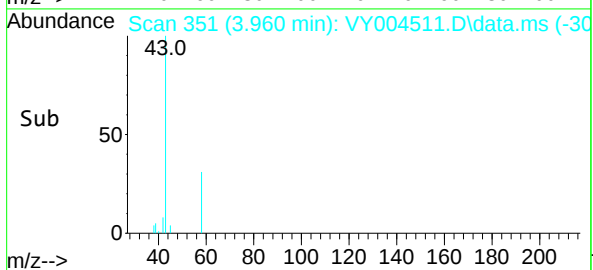
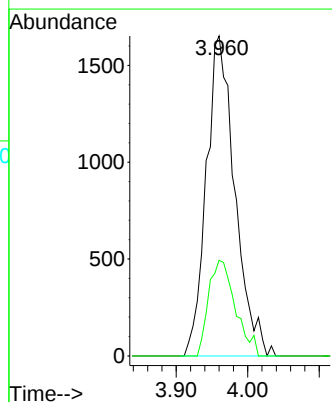
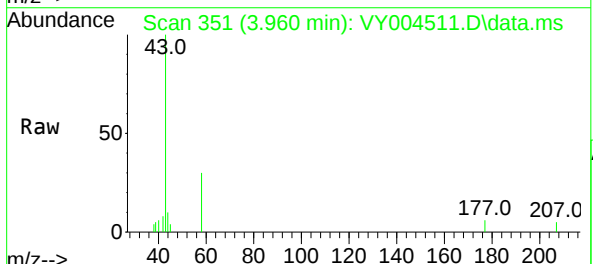
Tgt Ion: 59 Resp: 1304
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

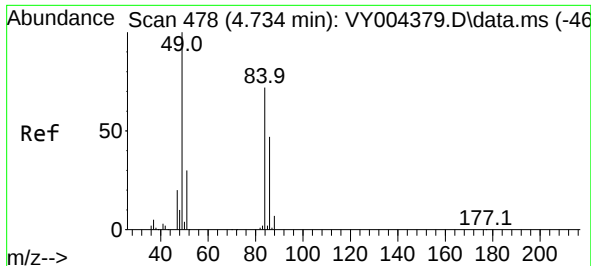


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

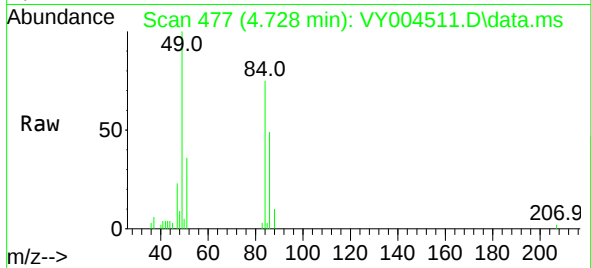
Tgt Ion: 43 Resp: 4581
Ion Ratio Lower Upper
43 100
58 29.9 24.6 37.0



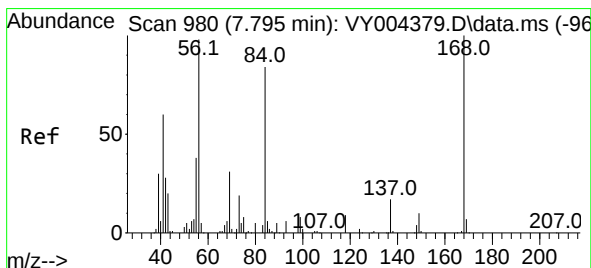
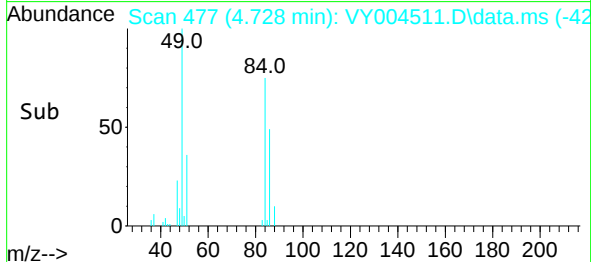
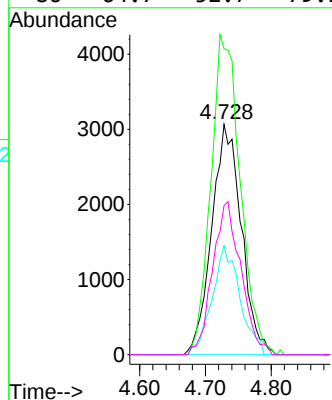


#20
Methylene Chloride
Concen: 6.57 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

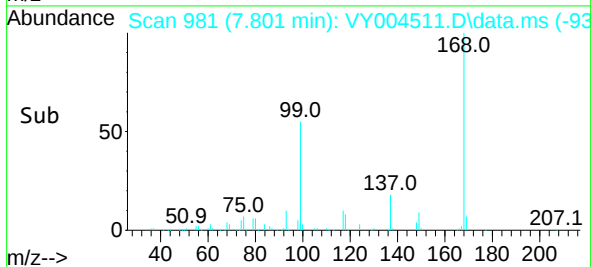
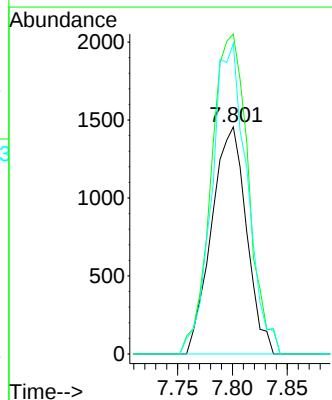
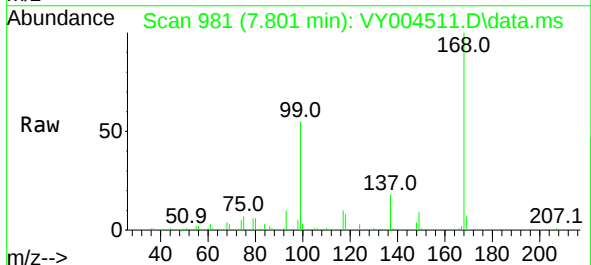


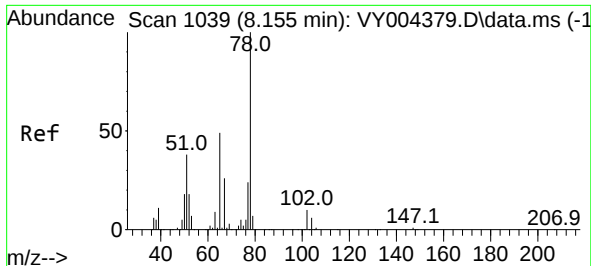
Tgt Ion:	84	Resp:	9604
Ion	Ratio	Lower	Upper
84	100		
49	132.8	111.2	166.8
51	47.3	33.4	50.2
86	64.7	52.7	79.1



#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Tgt Ion:	56	Resp:	3213
Ion	Ratio	Lower	Upper
56	100		
69	140.9	25.8	38.6#
84	136.7	68.2	102.4#

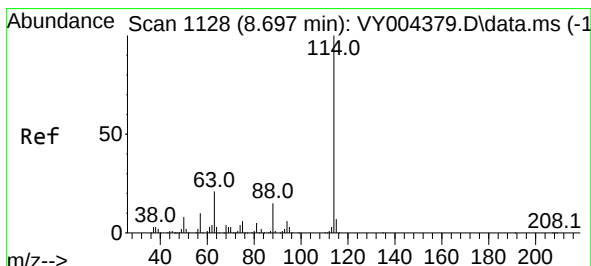
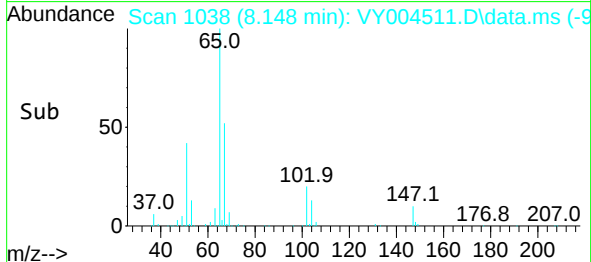
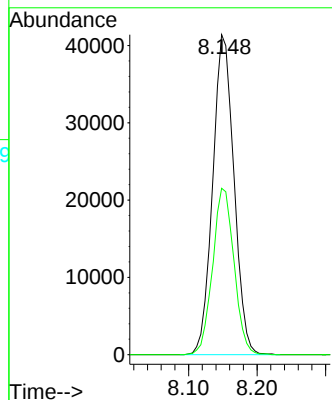
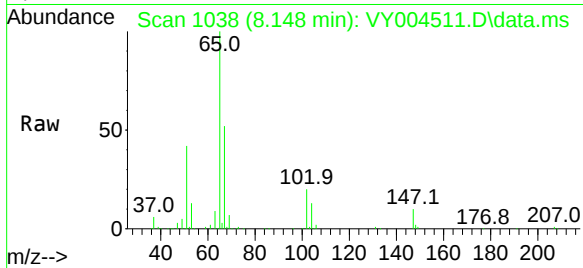




#33
1,2-Dichloroethane-d4
Concen: 58.88 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

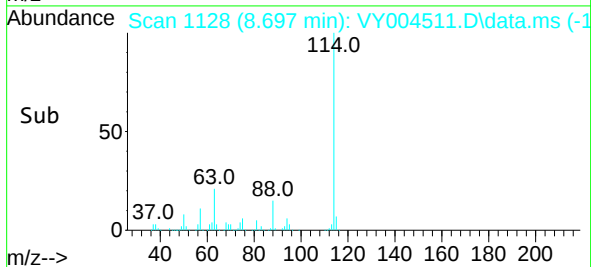
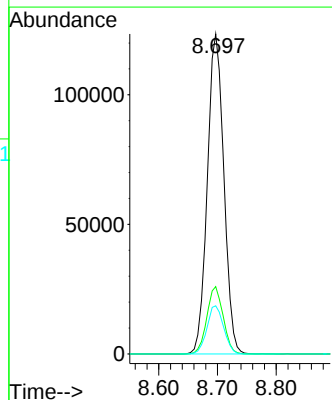
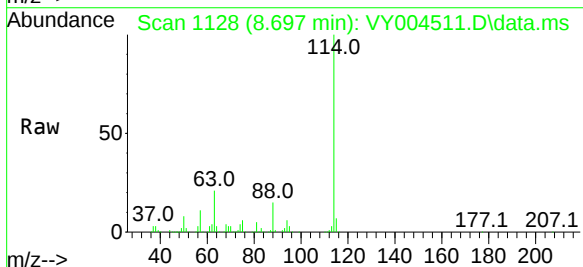
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

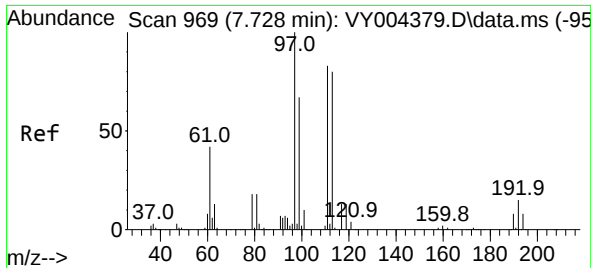
Tgt Ion: 65 Resp: 89051
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Tgt Ion: 114 Resp: 240965
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.0 0.0 30.8

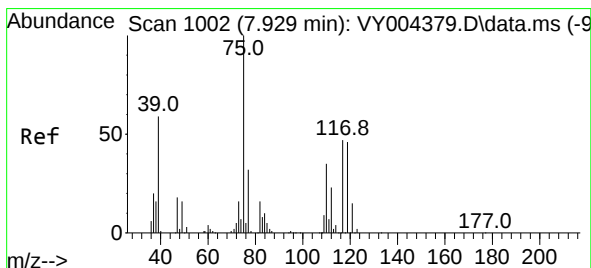
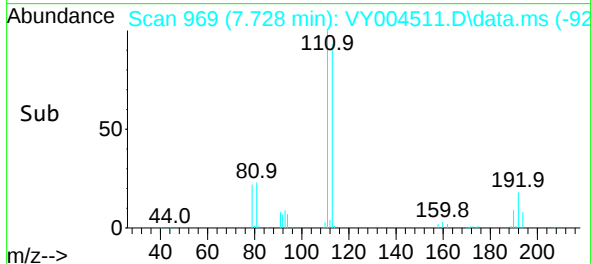
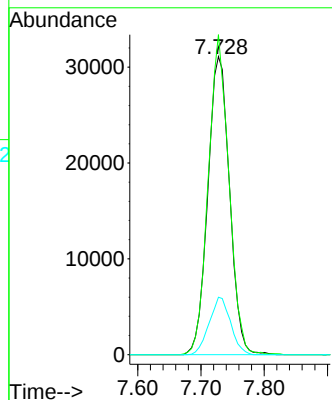
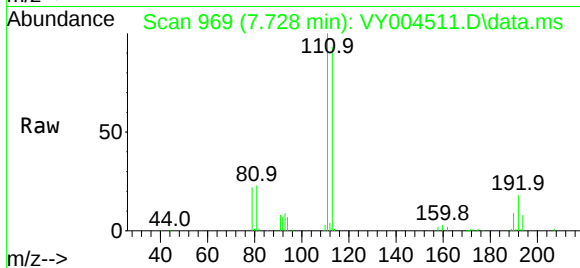




#35
Dibromofluoromethane
Concen: 55.60 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

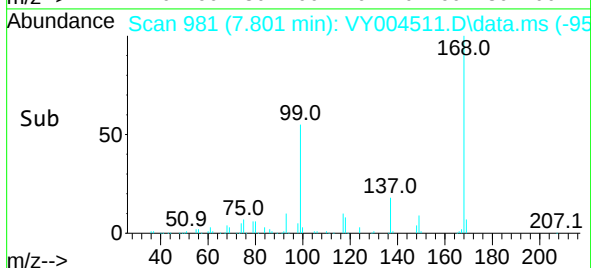
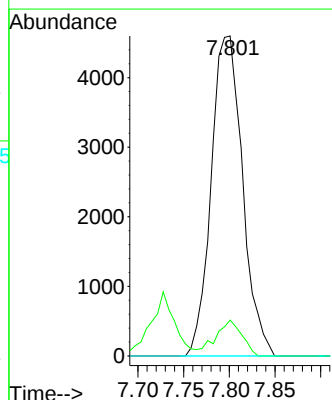
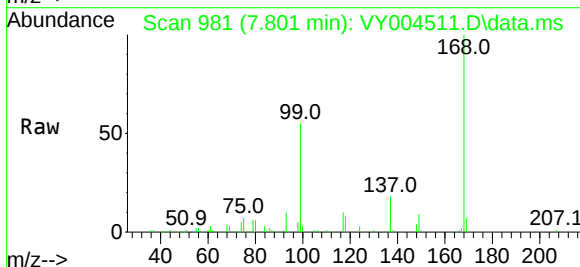
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

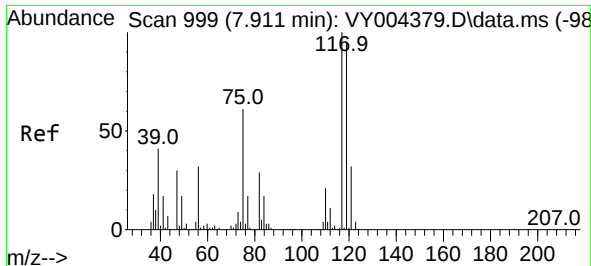
Tgt Ion:	113	Resp:	74352
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	18.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.58 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

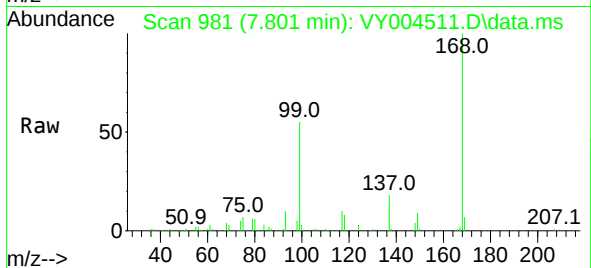
Tgt Ion:	75	Resp:	10968
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.7#
77	0.0	24.3	36.5#



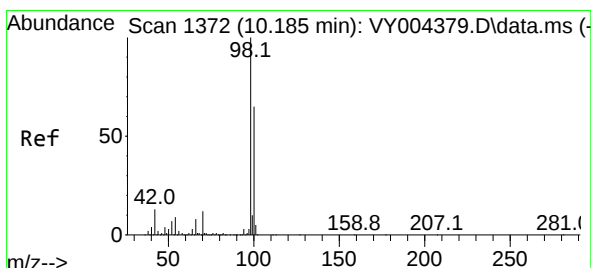
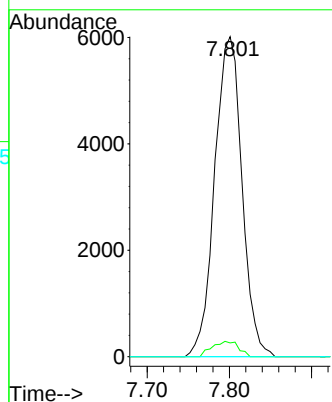
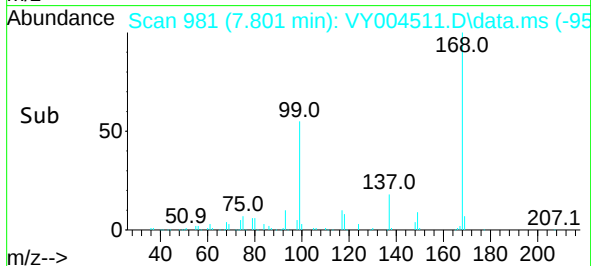


#38
Carbon Tetrachloride
Concen: 6.71 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

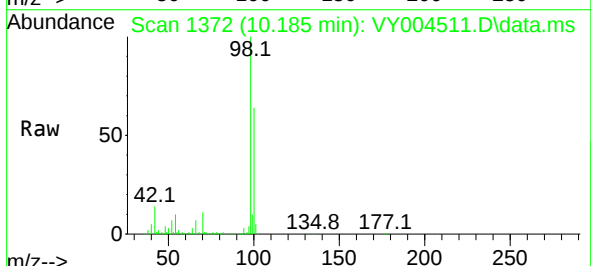
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0



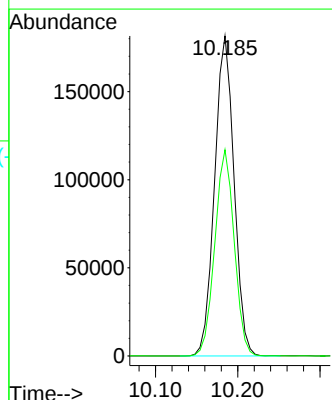
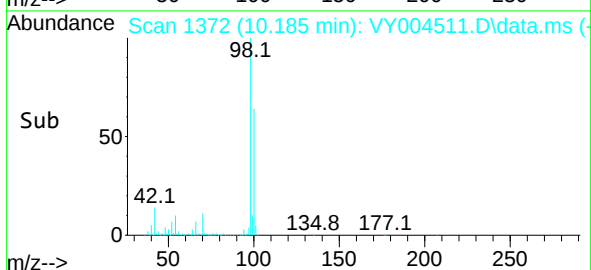
Tgt Ion:117 Resp: 13887
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 25.3 37.9#

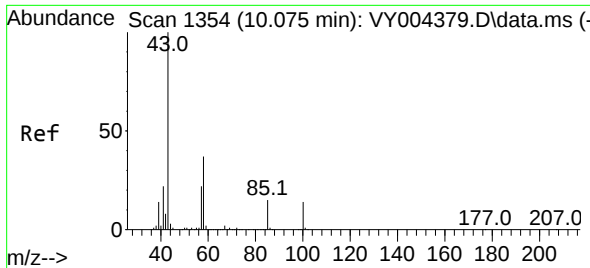


#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17



Tgt Ion: 98 Resp: 298570
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

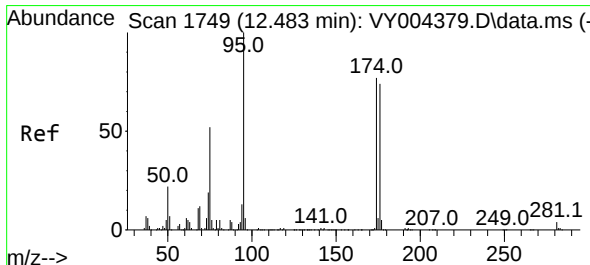
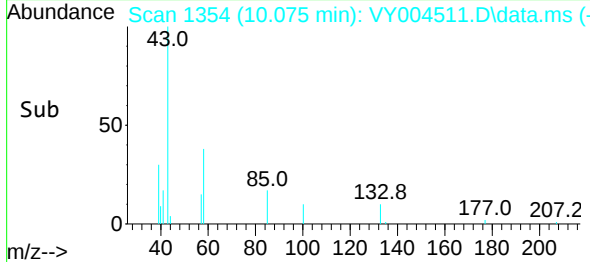
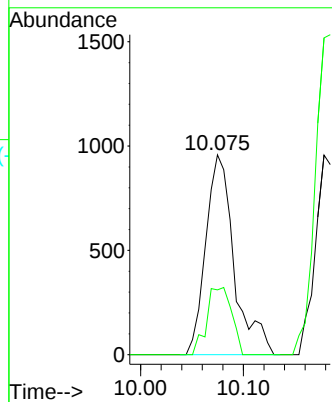
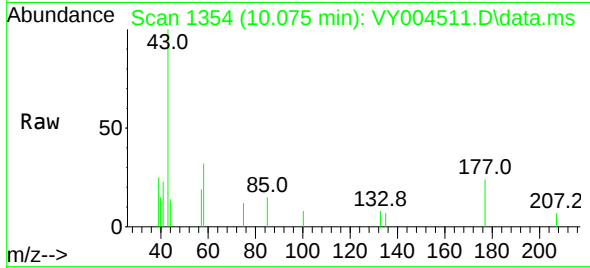




#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

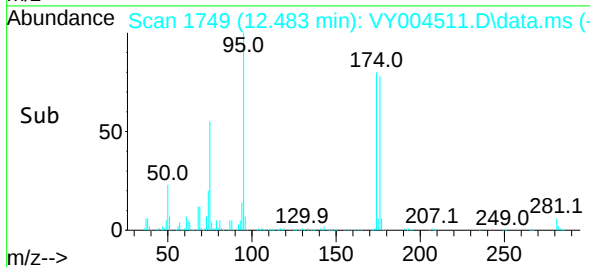
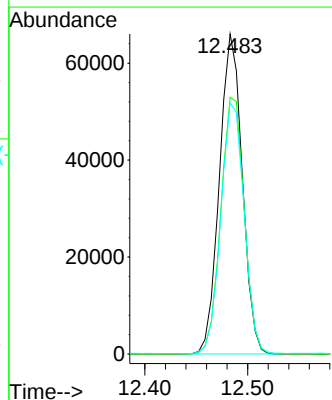
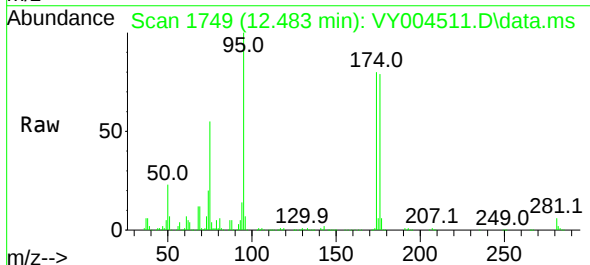
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

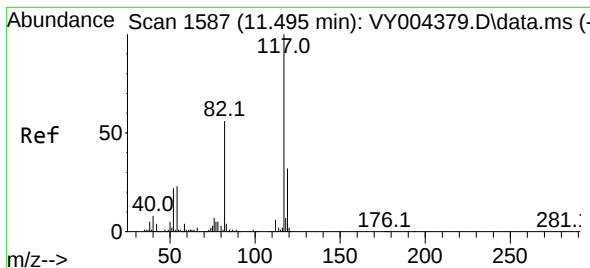
Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
58 29.5 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 52.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Tgt Ion: 95 Resp: 101617
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 80.2 0.0 156.0

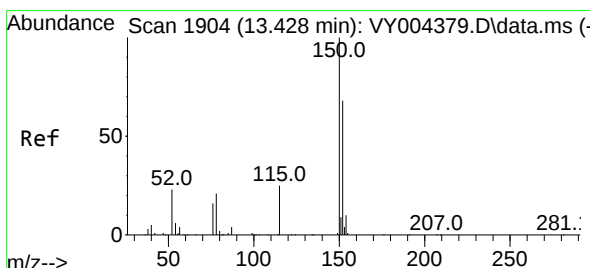
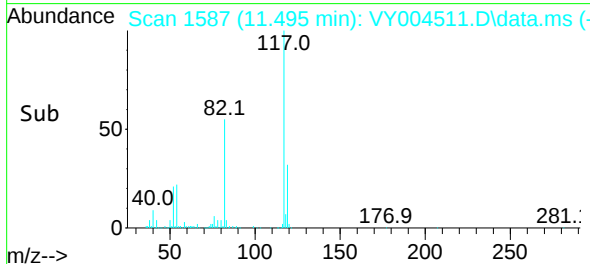
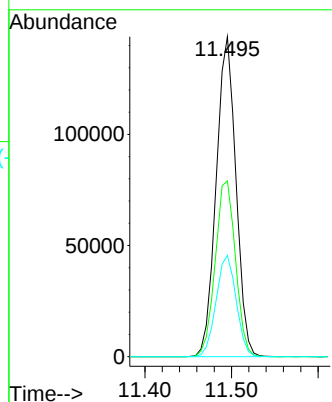
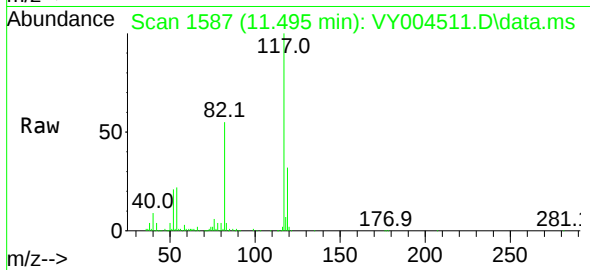




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

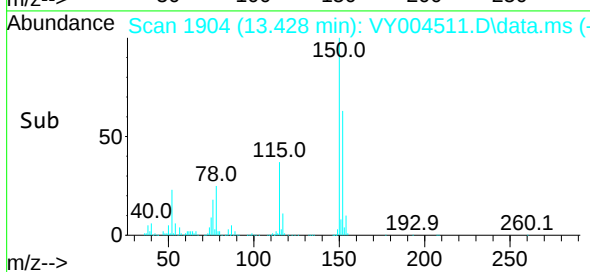
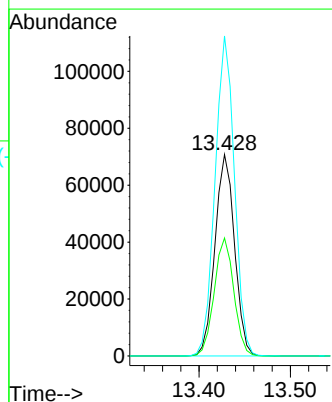
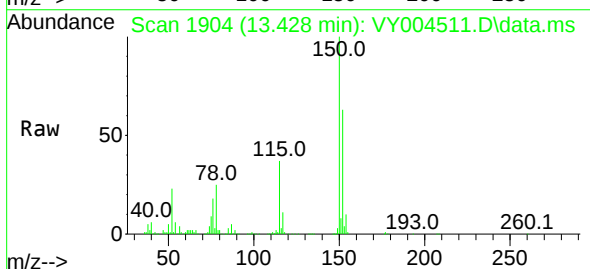
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

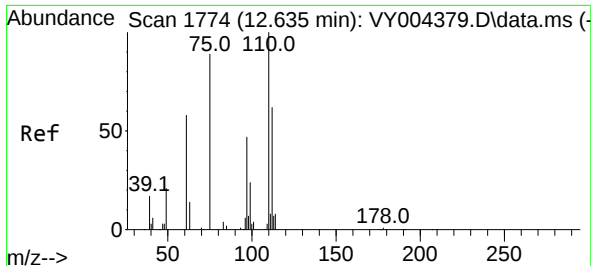
Tgt Ion:117 Resp: 227829
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Tgt Ion:152 Resp: 105604
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 157.1 0.0 348.4

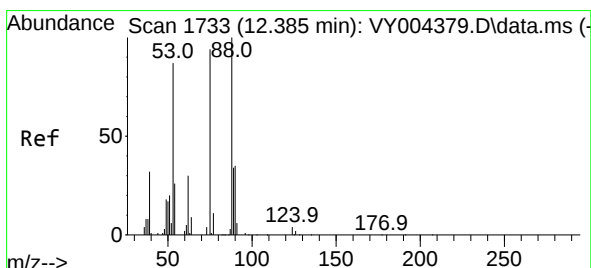
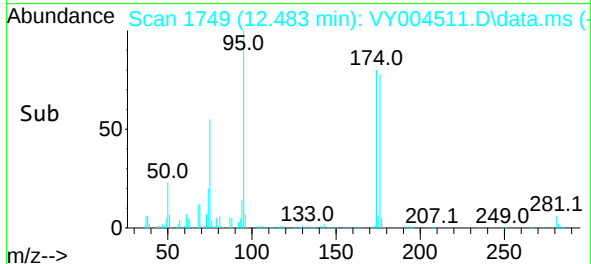
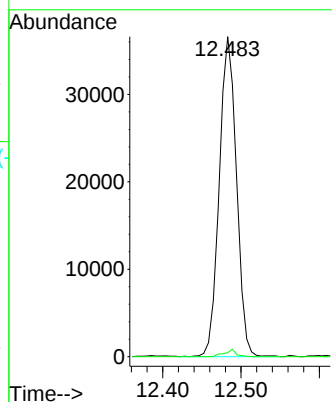
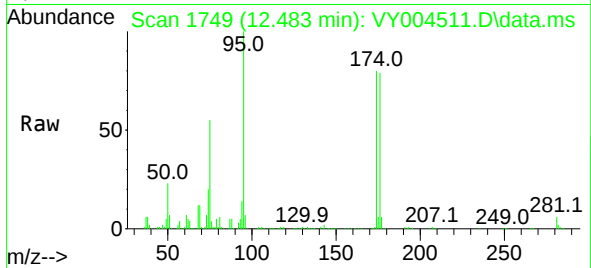




#76
1,2,3-Trichloropropane
Concen: 49.48 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-0-2.0

Tgt Ion: 75 Resp: 56077
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004511.D
Acq: 19 Apr 2021 20:17

Tgt Ion: 75 Resp: 56077
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.2 36.1 54.1#

