

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004591.D
 Acq On : 22 Apr 2021 17:35
 Operator : SY/MD
 Sample : M2119-03
 Misc : 6.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:22:29 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	117879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77131	58.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.78%
35) Dibromofluoromethane	7.728	113	63404	55.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.16%
50) Toluene-d8	10.185	98	247910	51.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.18%
62) 4-Bromofluorobenzene	12.483	95	78235	47.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.02%

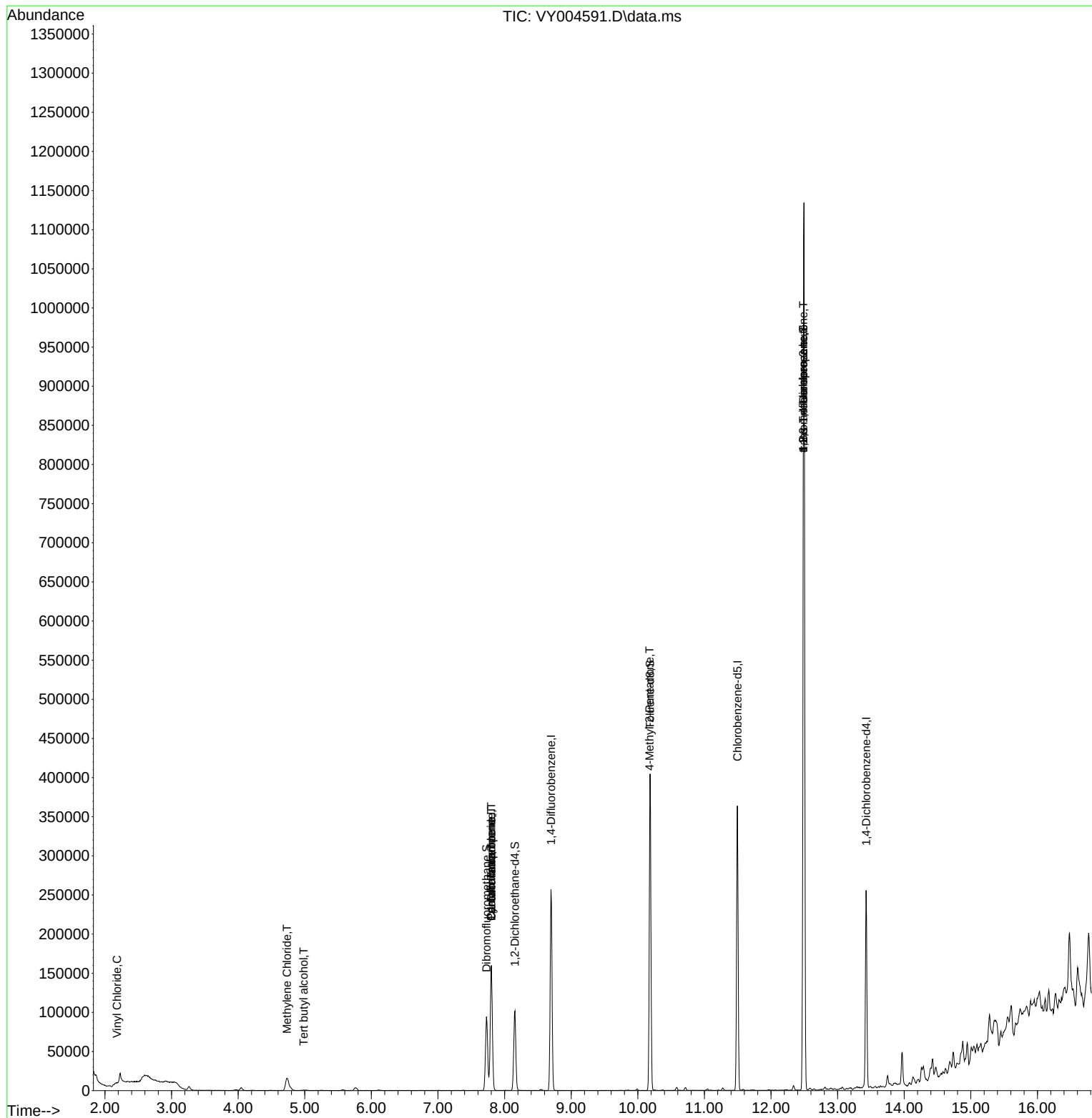
Target Compounds						Qvalue
4) Vinyl Chloride	2.180	62	3256	1.95	ug/l #	43
11) Tert butyl alcohol	4.985	59	1198	9.28	ug/l #	73
16) Acetone	3.973	43	2015	Below	Cal	91
20) Methylene Chloride	4.735	84	11483	9.08	ug/l	96
31) Cyclohexane	7.801	56	3000	1.25	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	9712	4.75	ug/l #	51
38) Carbon Tetrachloride	7.801	117	11839	6.70	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1519	1.19	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	51803	80.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51803	143.63	ug/l #	15

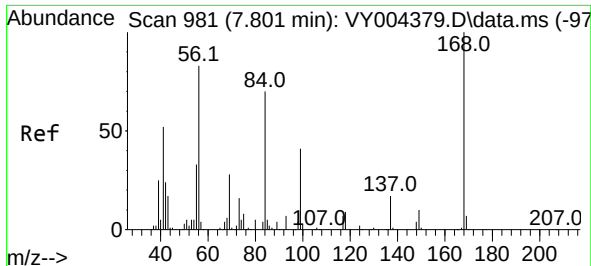
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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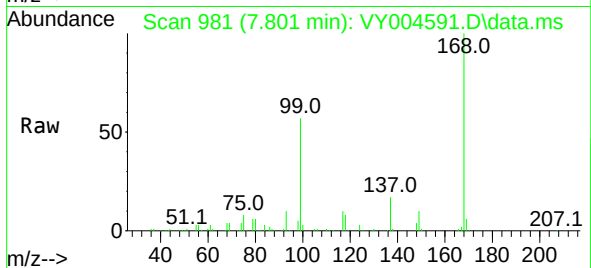
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



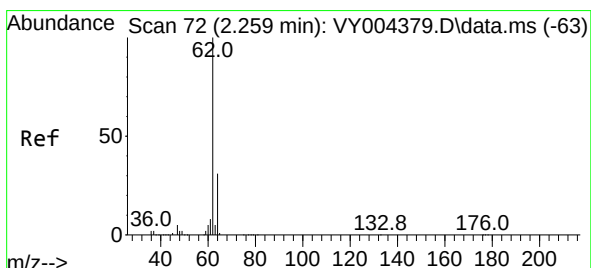
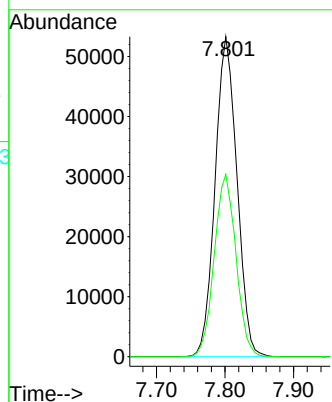
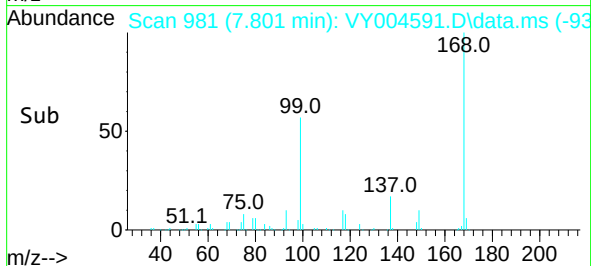


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

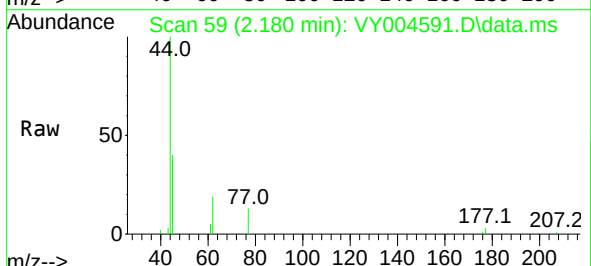
Instrument :
MSVOA_Y
ClientSampled :



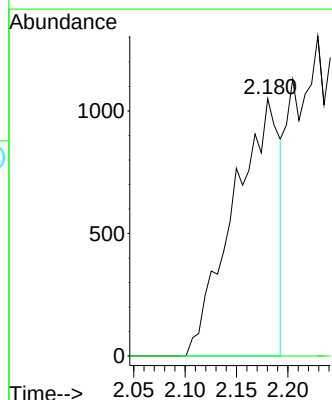
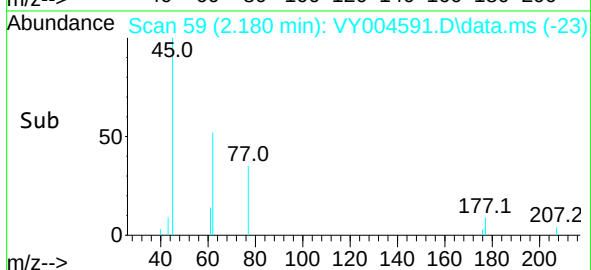
Tgt Ion:168 Resp: 117879
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3

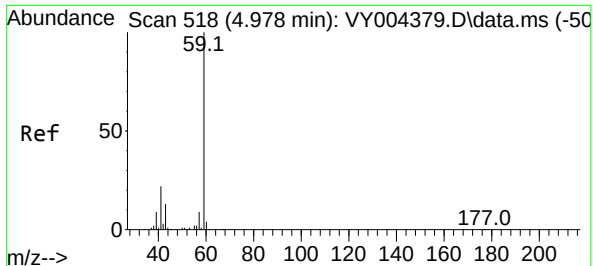


#4
Vinyl Chloride
Concen: 1.95 ug/l
RT: 2.180 min Scan# 59
Delta R.T. -0.079 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35



Tgt Ion: 62 Resp: 3256
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

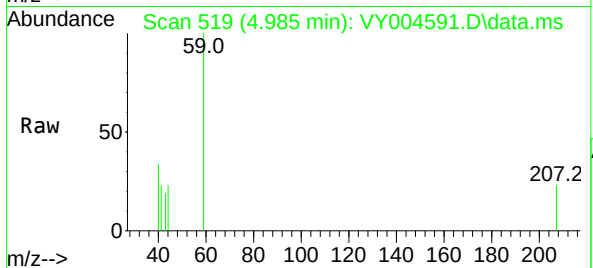




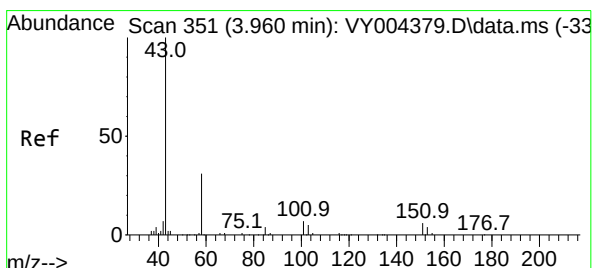
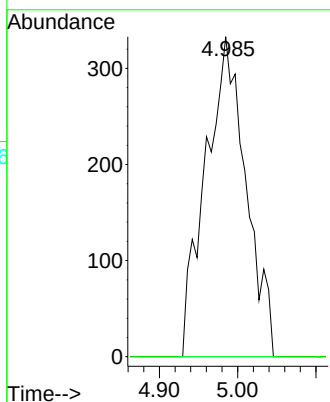
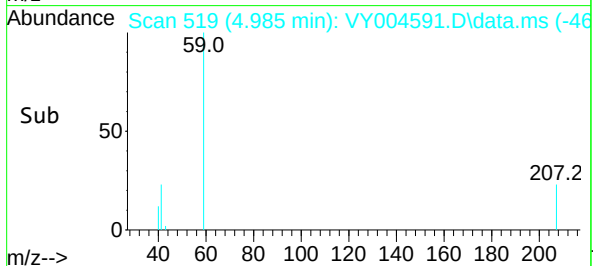
#11

Tert butyl alcohol
Concen: 9.28 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

Instrument :
MSVOA_Y
ClientSampled :

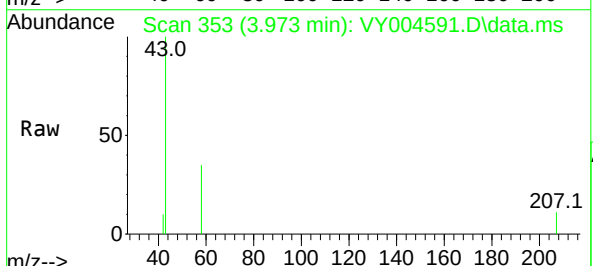


Tgt Ion: 59 Resp: 1198
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

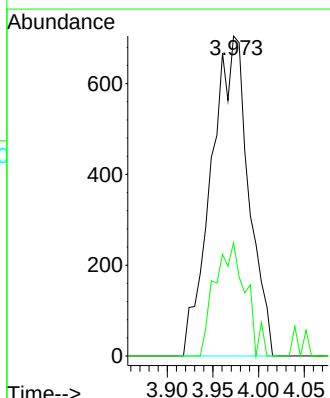
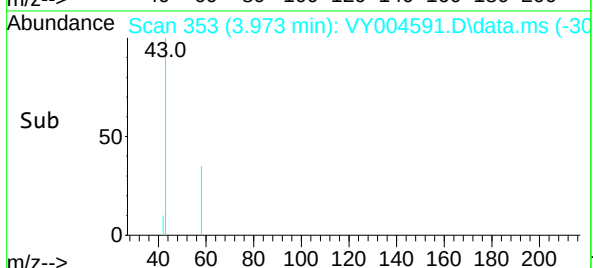


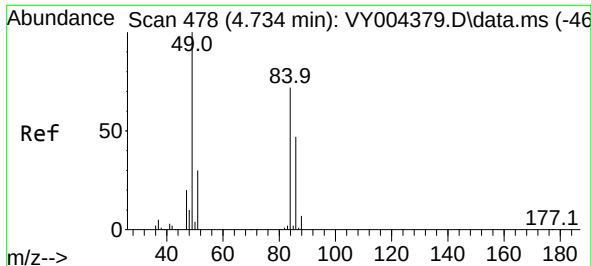
#16

Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35



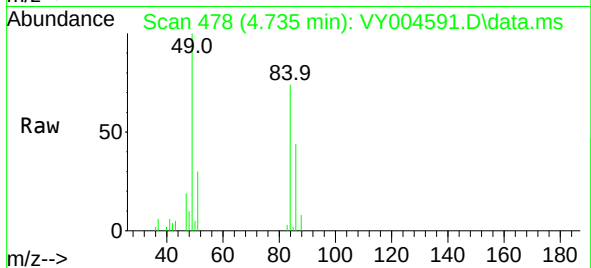
Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 35.5 24.6 37.0





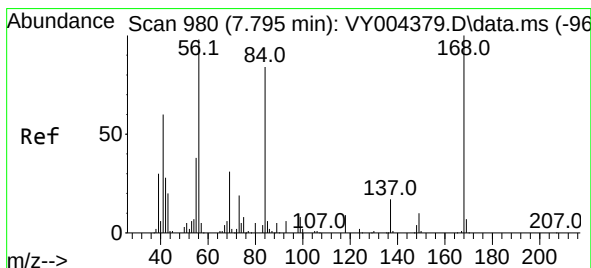
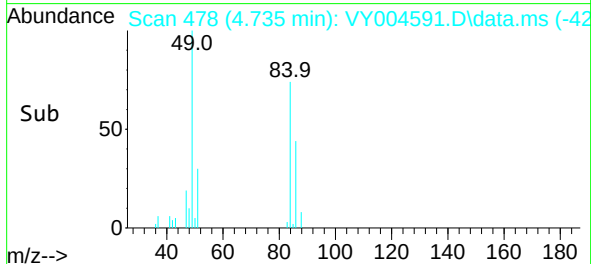
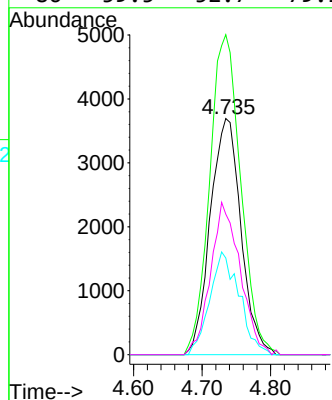
#20
Methylene Chloride
Concen: 9.08 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

Instrument :
MSVOA_Y
ClientSampleId :

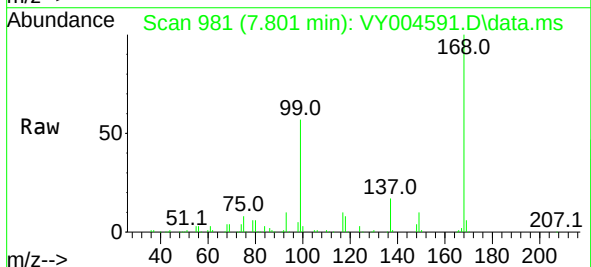


Tgt Ion: 84 Resp: 11483

Ion	Ratio	Lower	Upper
84	100		
49	135.5	111.2	166.8
51	40.9	33.4	50.2
86	59.5	52.7	79.1

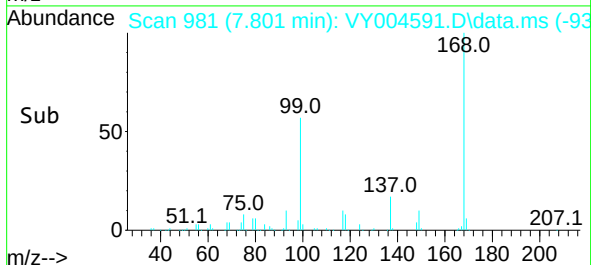
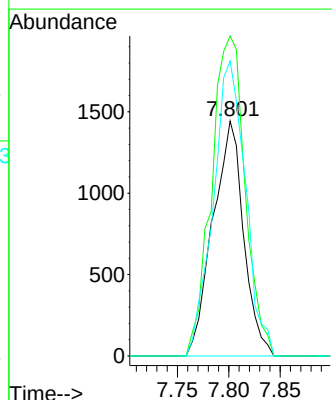


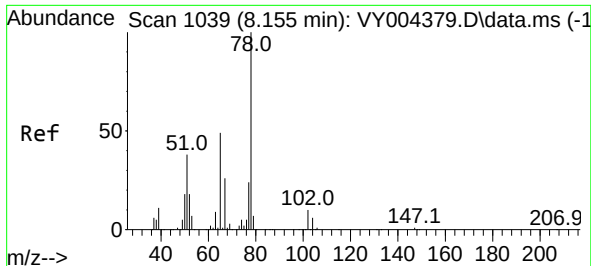
#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35



Tgt Ion: 56 Resp: 3000

Ion	Ratio	Lower	Upper
56	100		
69	136.2	25.8	38.6#
84	125.6	68.2	102.4#

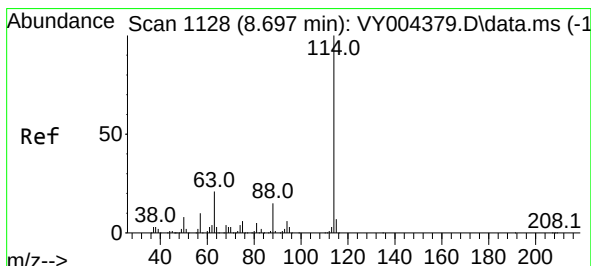
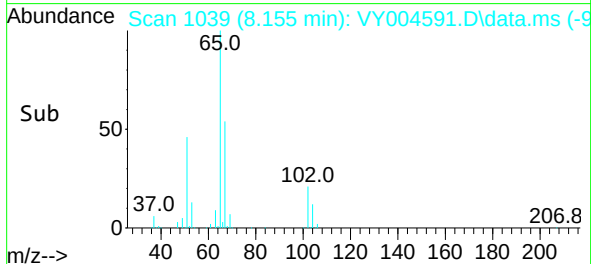
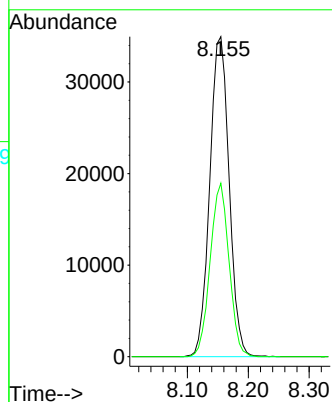
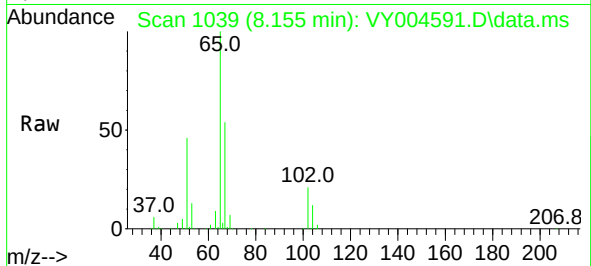




#33
1,2-Dichloroethane-d4
Concen: 58.89 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

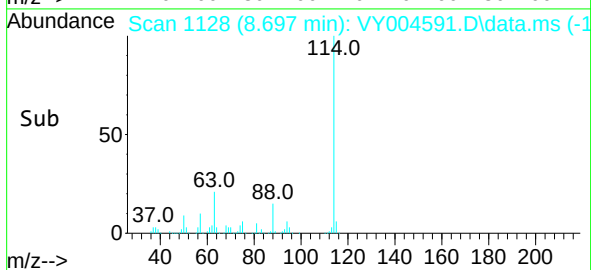
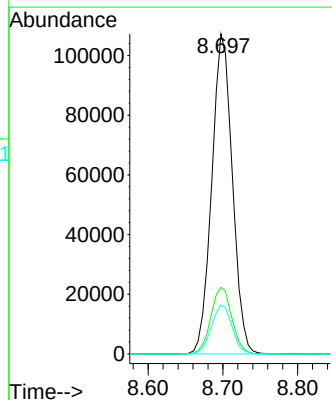
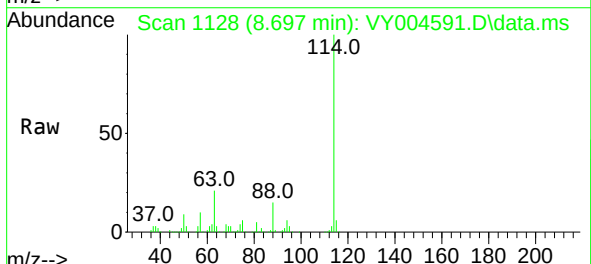
Instrument :
MSVOA_Y
ClientSampleId :

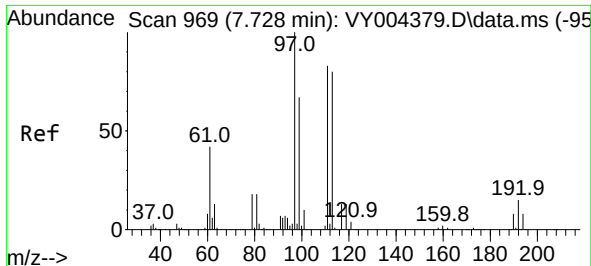
Tgt Ion: 65 Resp: 77131
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

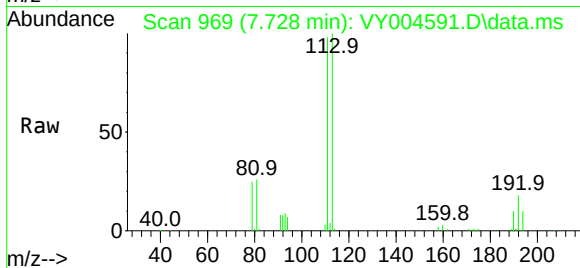
Tgt Ion: 114 Resp: 205560
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.3 0.0 30.8



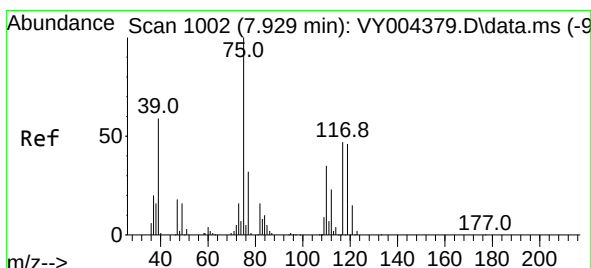
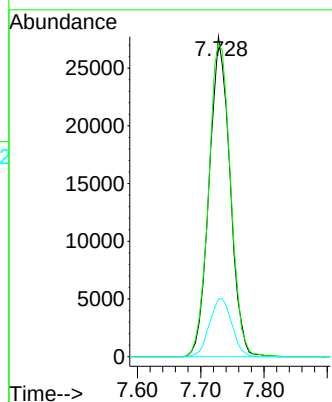
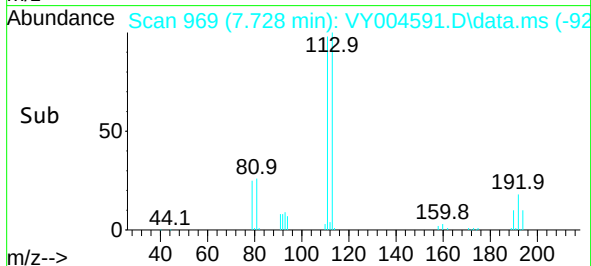


#35
Dibromofluoromethane
Concen: 55.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

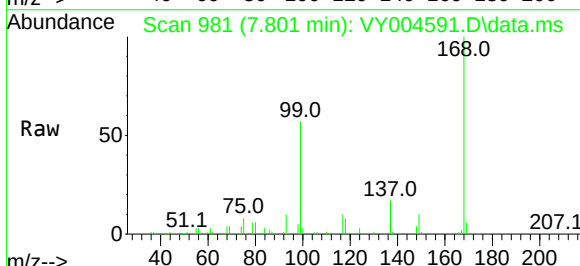
Instrument :
MSVOA_Y
ClientSampleId :



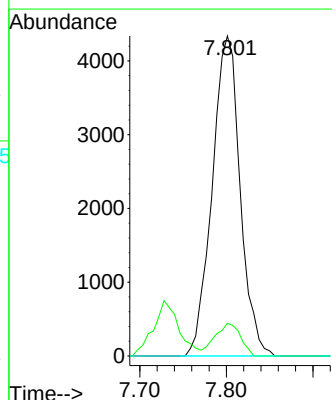
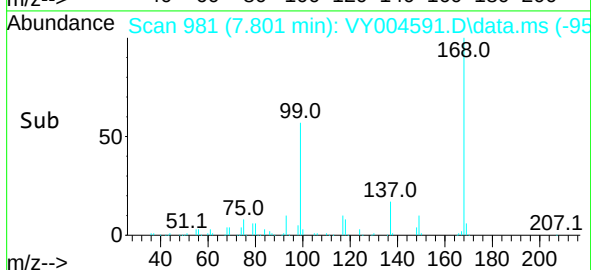
Tgt Ion:113 Resp: 63404
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 19.4 16.1 24.1

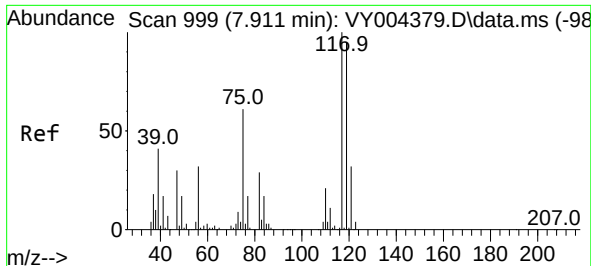


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35



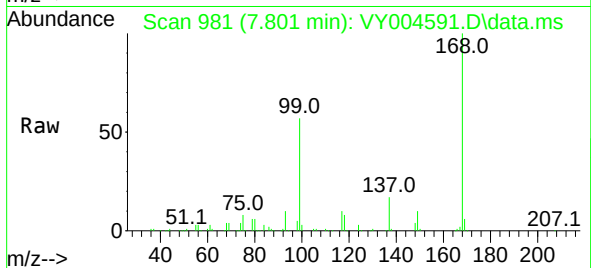
Tgt Ion: 75 Resp: 9712
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 24.3 36.5#



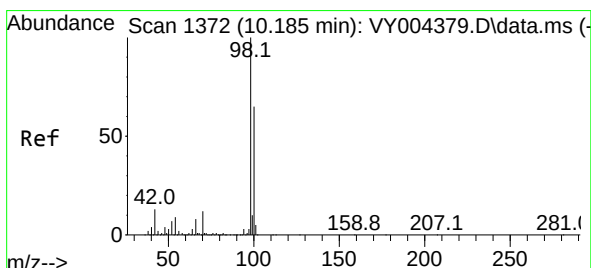
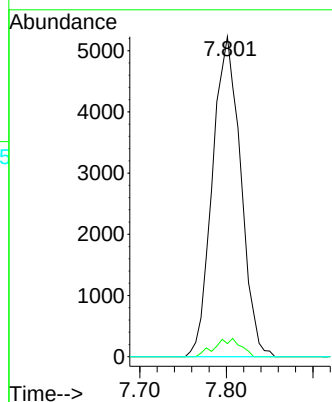
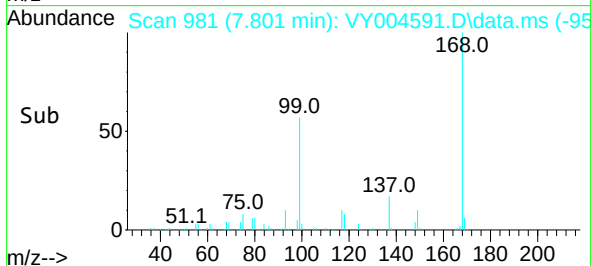


#38
Carbon Tetrachloride
Concen: 6.70 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

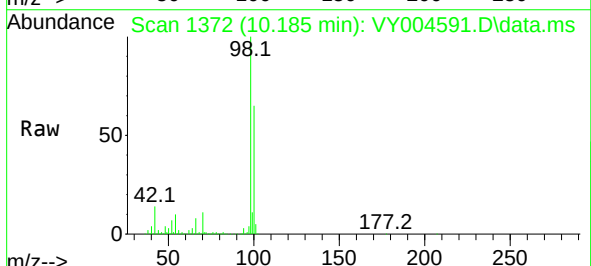
Instrument :
MSVOA_Y
ClientSampleId :



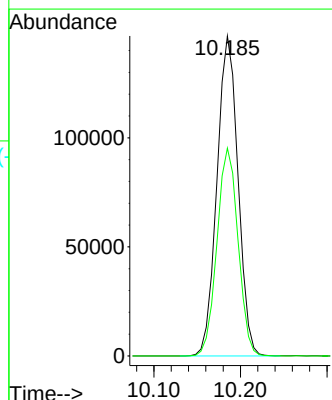
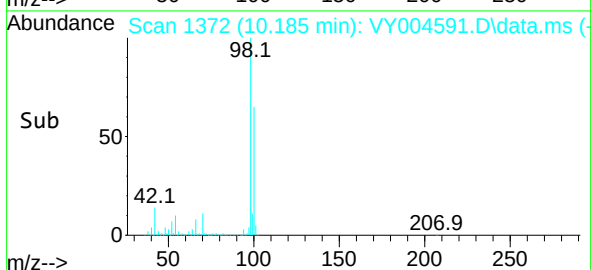
Tgt Ion:117 Resp: 11839
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 25.3 37.9#

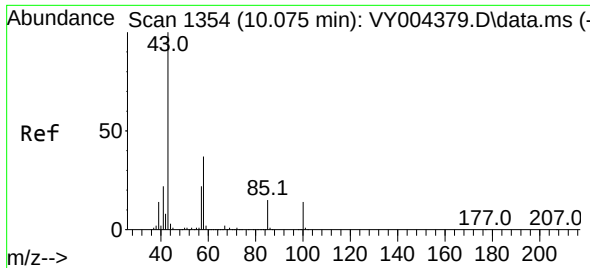


#50
Toluene-d8
Concen: 51.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35



Tgt Ion: 98 Resp: 247910
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

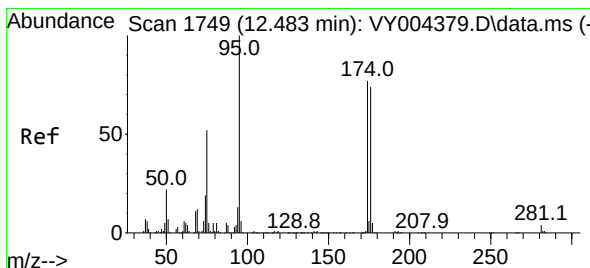
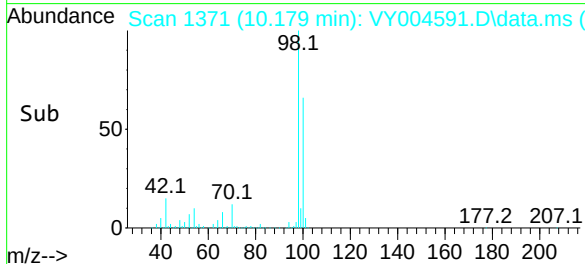
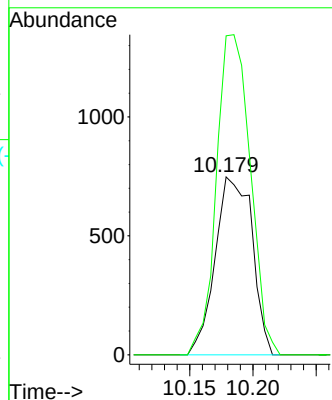
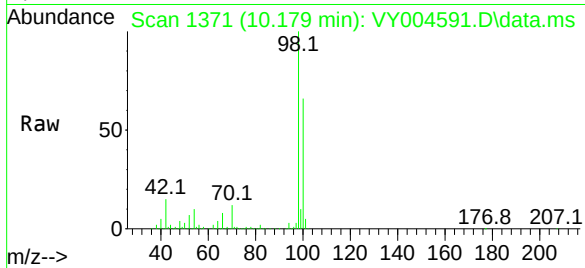




#51
4-Methyl-2-Pentanone
Concen: 1.19 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

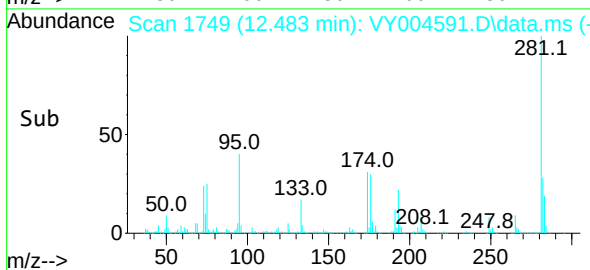
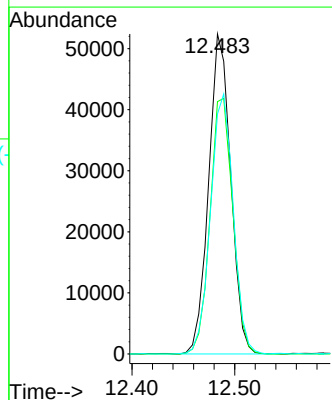
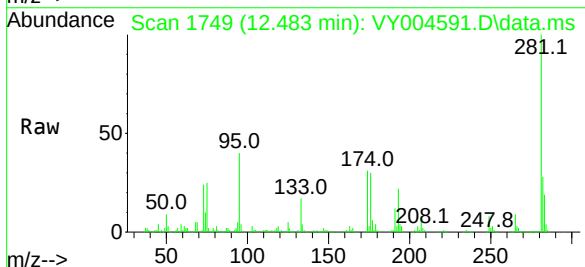
Instrument :
MSVOA_Y
ClientSampled :

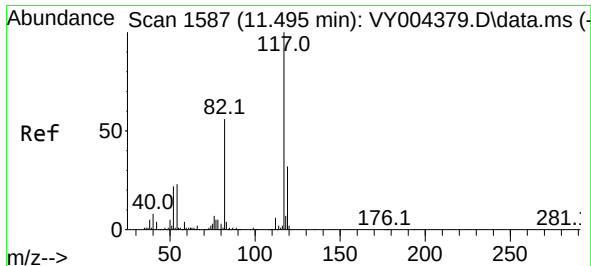
Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 165.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 47.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

Tgt Ion: 95 Resp: 78235
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 83.6 0.0 156.0

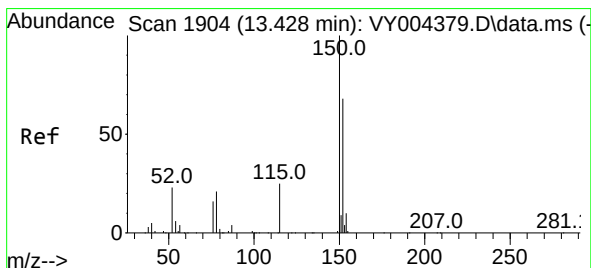
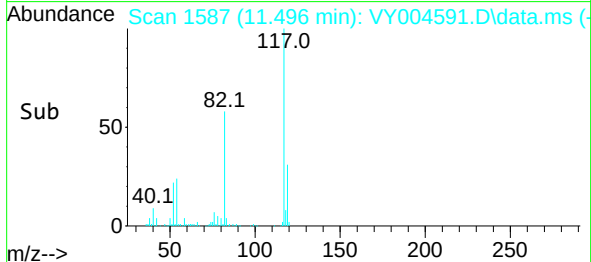
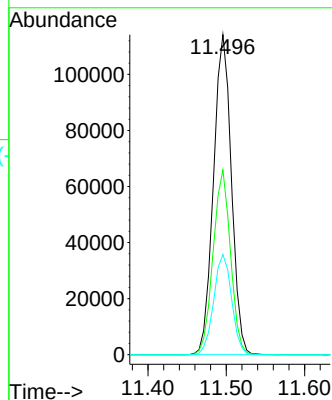
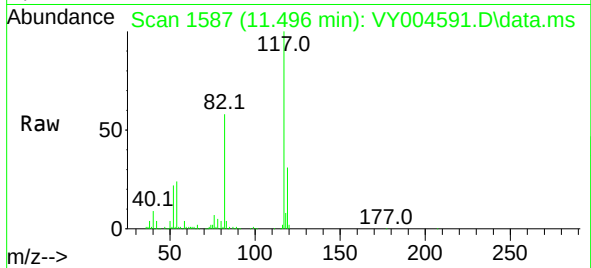




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

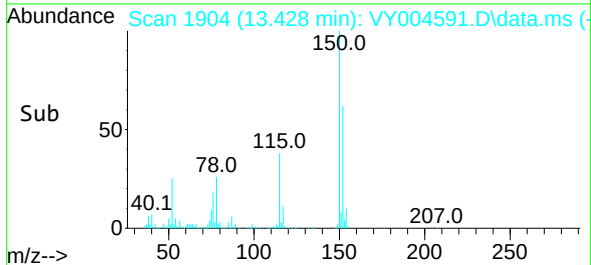
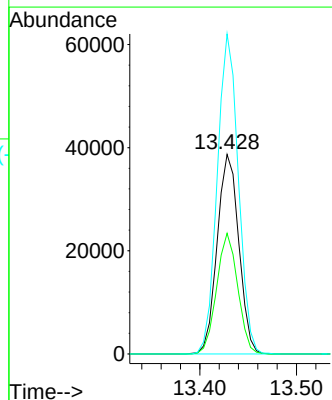
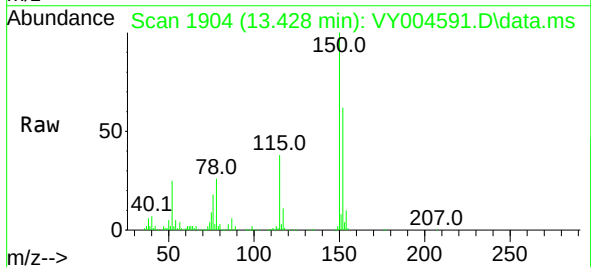
Instrument :
MSVOA_Y
ClientSampleId :

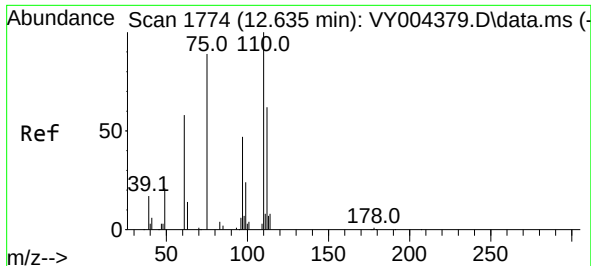
Tgt Ion:117 Resp: 181337
Ion Ratio Lower Upper
117 100
82 57.7 44.9 67.3
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

Tgt Ion:152 Resp: 60117
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 156.0 0.0 348.4

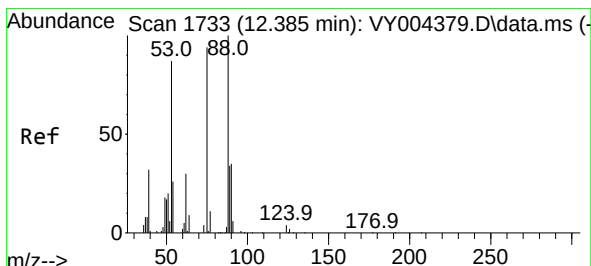
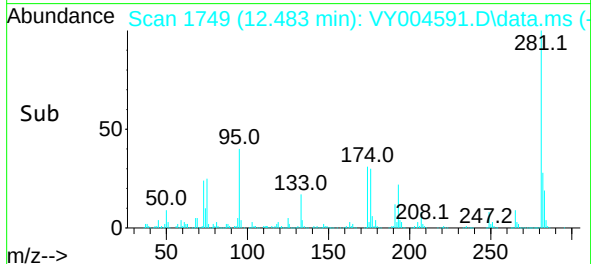
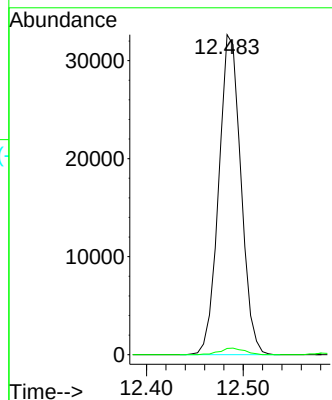
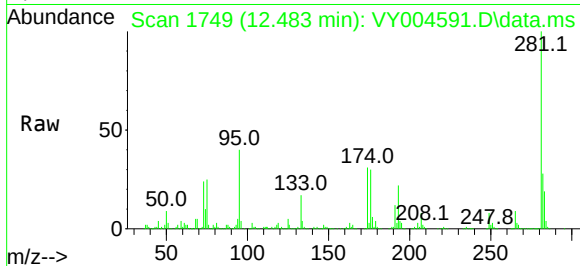




#76
1,2,3-Trichloropropane
Concen: 80.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51803
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.63 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004591.D
Acq: 22 Apr 2021 17:35

Tgt Ion: 75 Resp: 51803
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 5.6 36.1 54.1#

