

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004420.D
 Acq On : 14 Apr 2021 14:40
 Operator : SY/MD
 Sample : M2025-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Apr 15 01:07:42 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	168932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	283459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129735	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106281	56.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.24%
35) Dibromofluoromethane	7.728	113	91083	54.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.92%
50) Toluene-d8	10.185	98	368762	52.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.62%
62) 4-Bromofluorobenzene	12.483	95	126659	52.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.90%

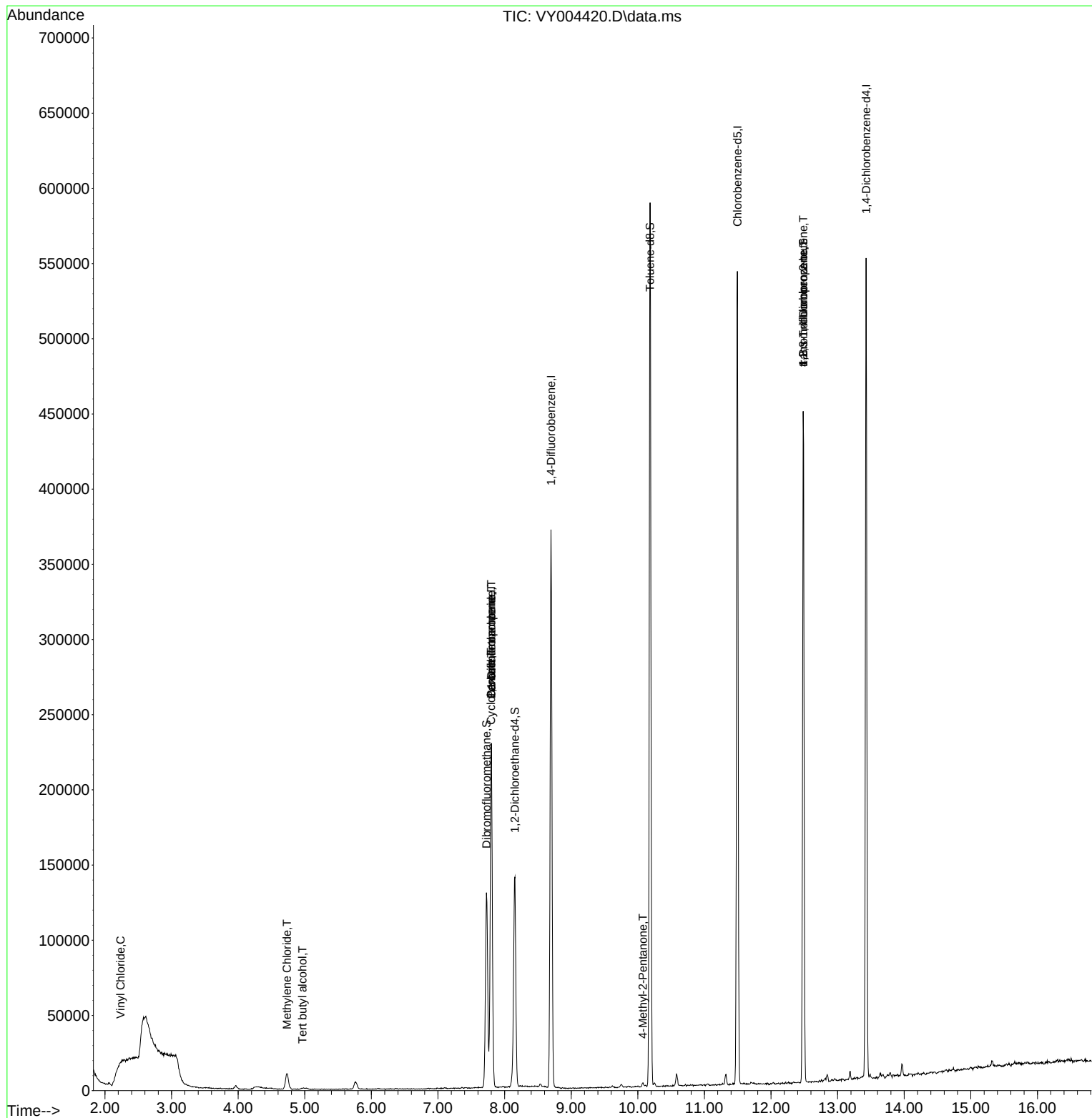
Target Compounds						Qvalue
4) Vinyl Chloride	2.235	62	11075	4.63	ug/l #	43
11) Tert butyl alcohol	4.966	59	1643	8.88	ug/l #	80
16) Acetone	3.967	43	3976	Below	Cal	99
20) Methylene Chloride	4.735	84	7539	4.16	ug/l	97
31) Cyclohexane	7.795	56	4081	1.19	ug/l #	14
36) 1,1-Dichloropropene	7.801	75	13697	4.62	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17247	6.72	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1884	1.01	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	69159	49.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69086	88.76	ug/l #	12

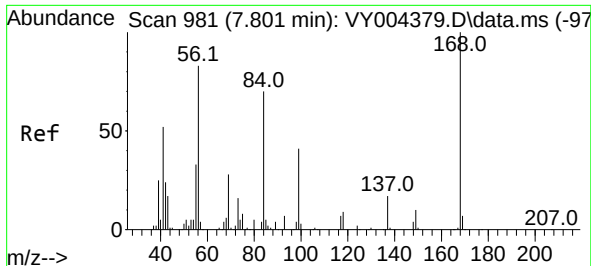
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
Response via : Initial Calibration

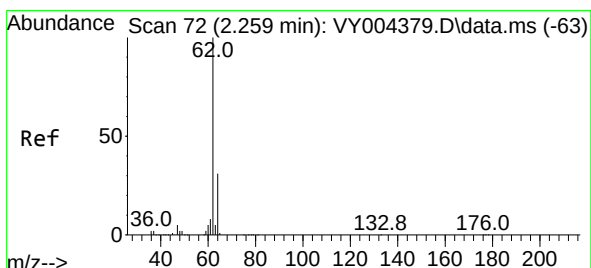
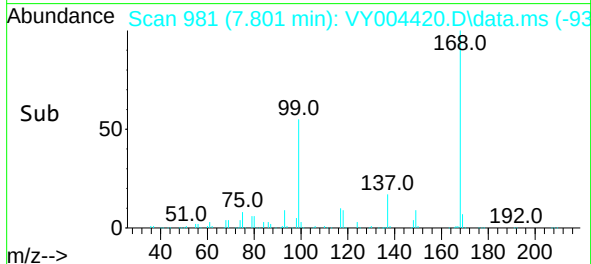
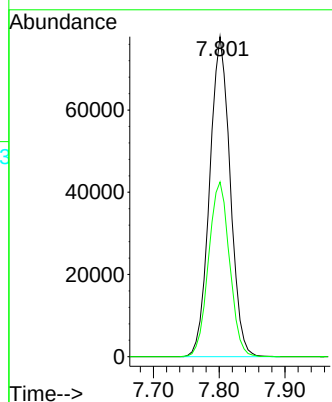
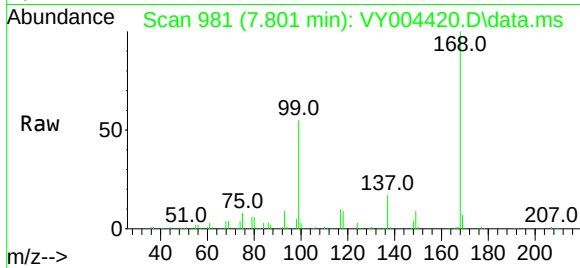




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

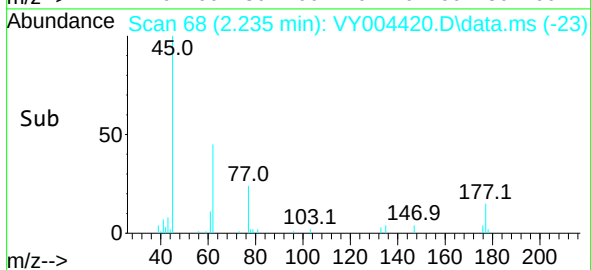
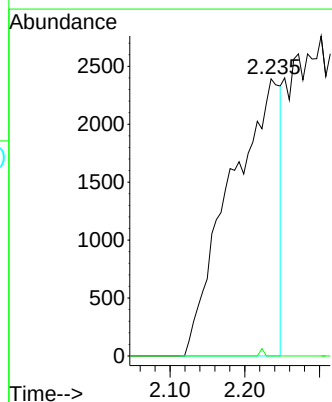
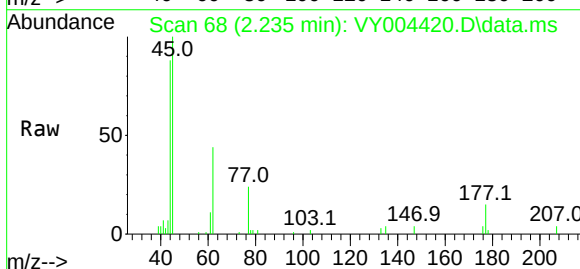
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

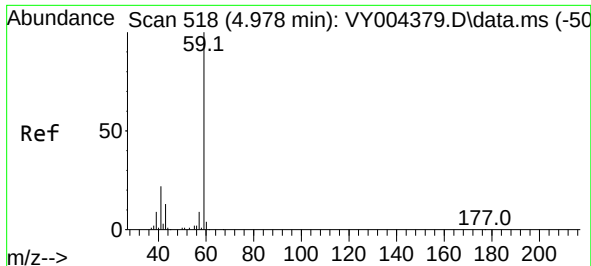
Tgt Ion:168 Resp: 168932
Ion Ratio Lower Upper
168 100
99 54.6 45.5 68.3



#4
Vinyl Chloride
Concen: 4.63 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 62 Resp: 11075
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



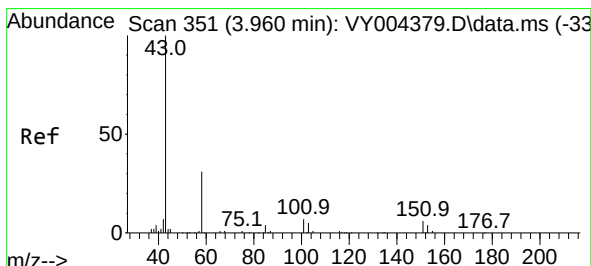
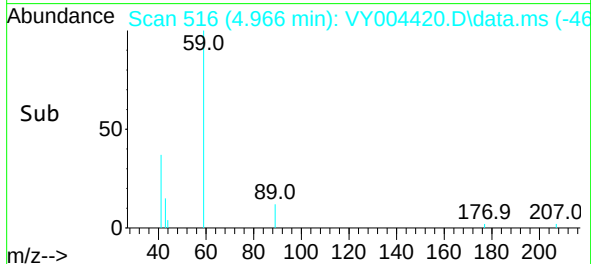
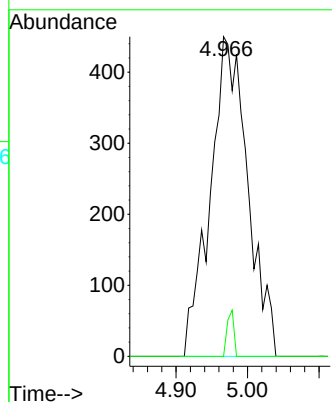
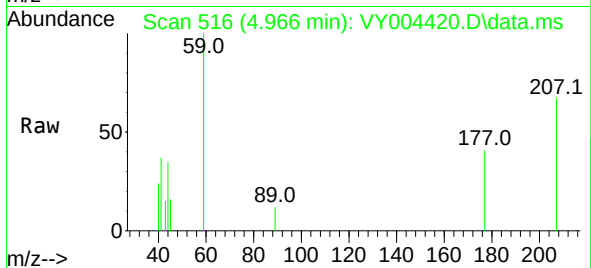


#11

Tert butyl alcohol
Concen: 8.88 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Instrument :
MSVOA_Y
ClientSampled :
WC-2

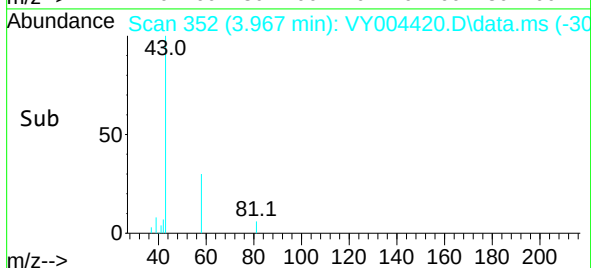
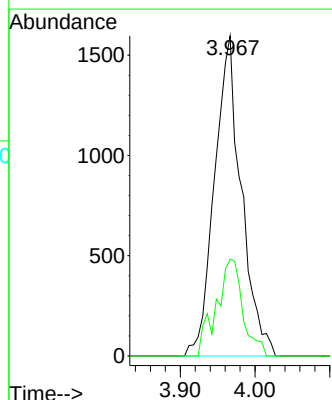
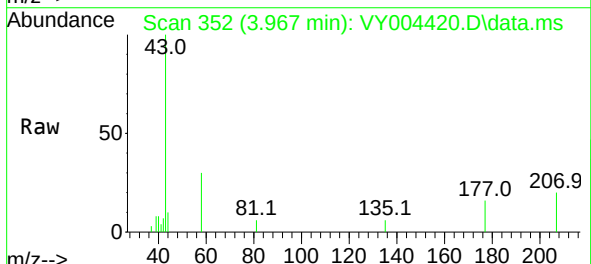
Tgt Ion: 59 Resp: 1643
Ion Ratio Lower Upper
59 100
57 2.6 8.1 12.1#

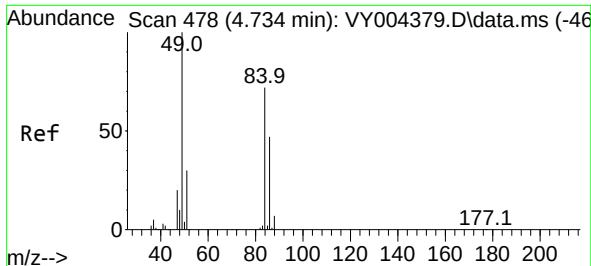


#16

Acetone
Concen: Below Cal
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 43 Resp: 3976
Ion Ratio Lower Upper
43 100
58 30.3 24.6 37.0

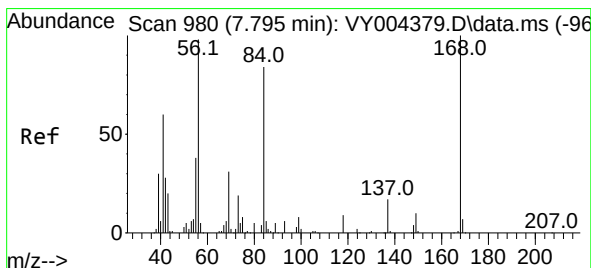
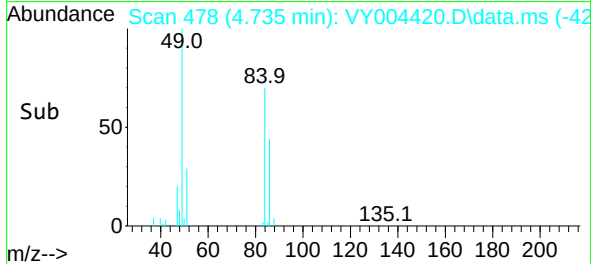
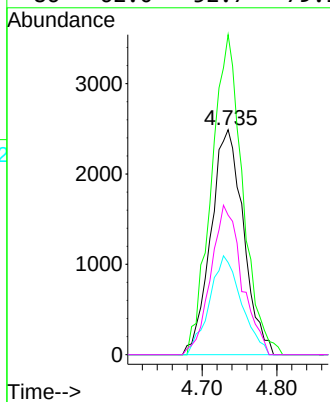
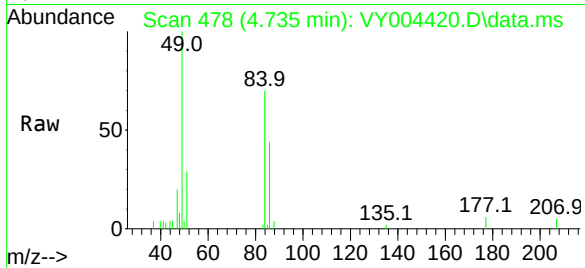




#20
Methylene Chloride
Concen: 4.16 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

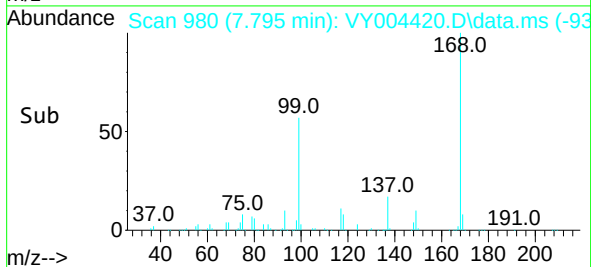
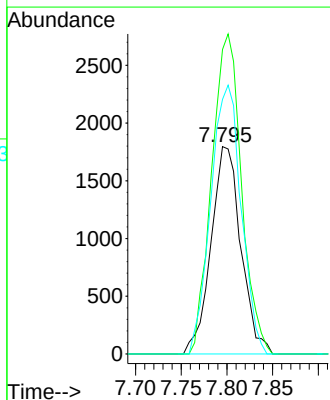
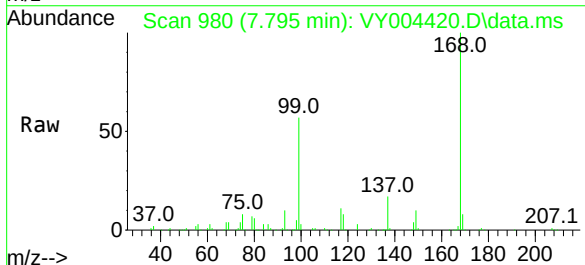
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

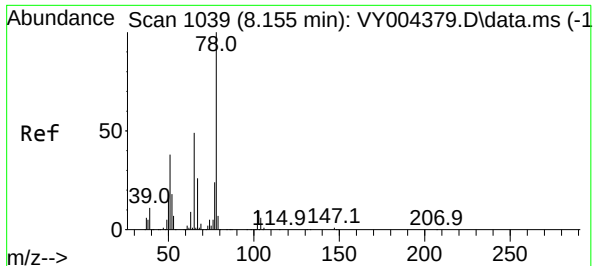
Tgt Ion:	84	Resp:	7539
Ion	Ratio	Lower	Upper
84	100		
49	142.2	111.2	166.8
51	41.0	33.4	50.2
86	62.0	52.7	79.1



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion:	56	Resp:	4081
Ion	Ratio	Lower	Upper
56	100		
69	146.8	25.8	38.6#
84	122.7	68.2	102.4#

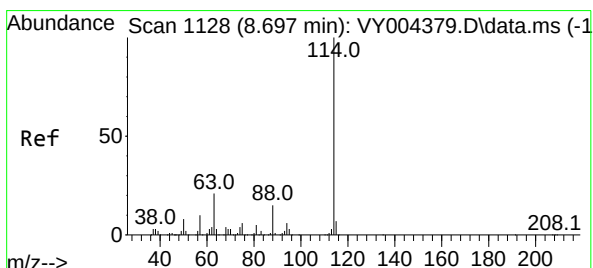
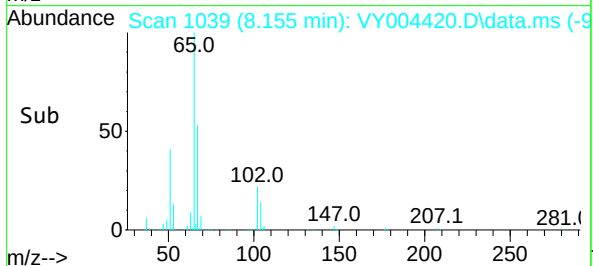
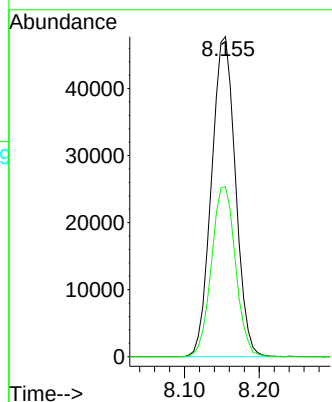
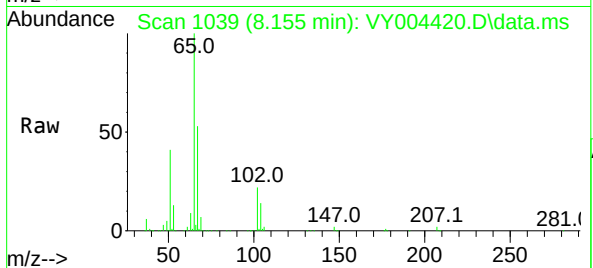




#33
1,2-Dichloroethane-d4
Concen: 56.62 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

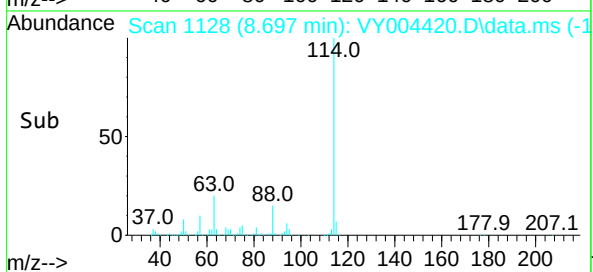
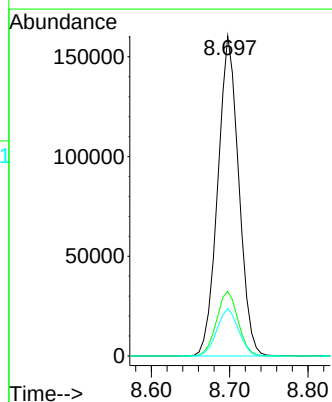
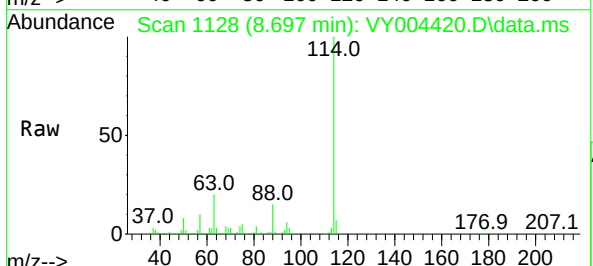
Instrument :
MSVOA_Y
ClientSampled :
WC-2

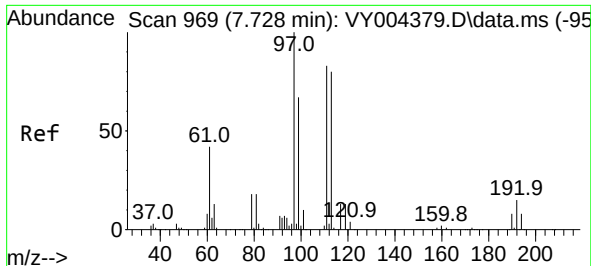
Tgt Ion: 65 Resp: 106281
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 114 Resp: 298634
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 14.8 0.0 30.8

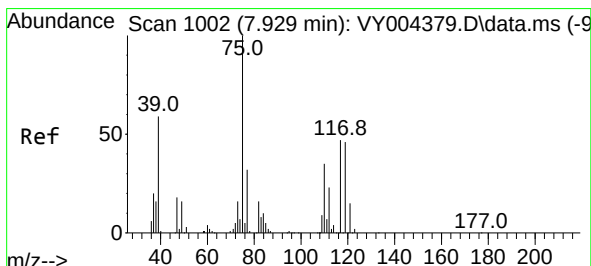
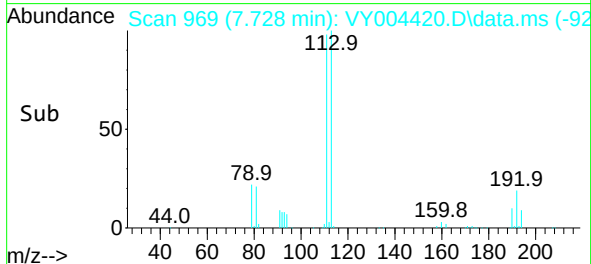
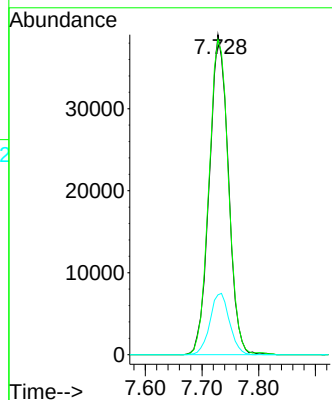
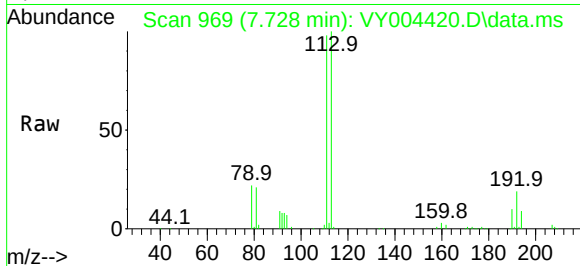




#35
Dibromofluoromethane
Concen: 54.96 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

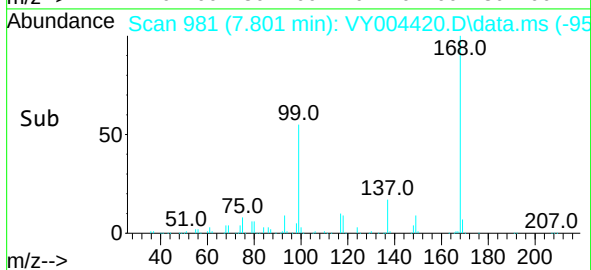
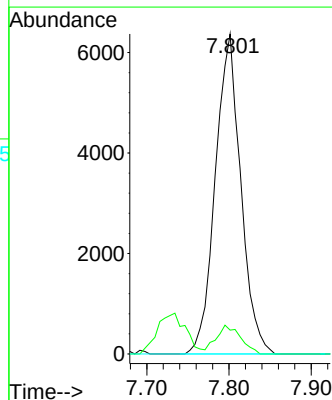
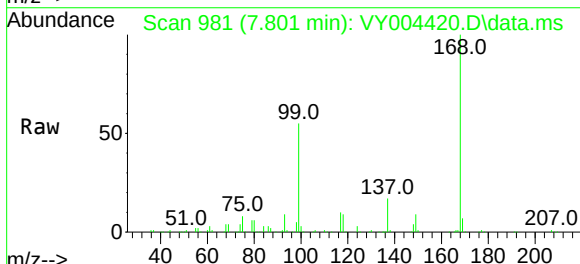
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

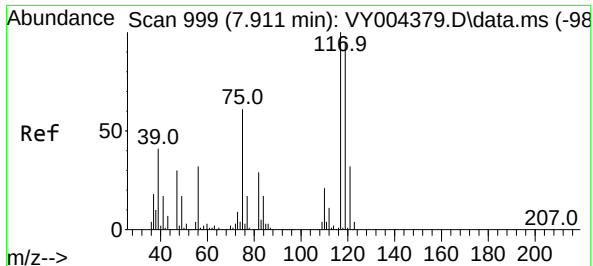
Tgt Ion:	113	Resp:	91083
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	19.6	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

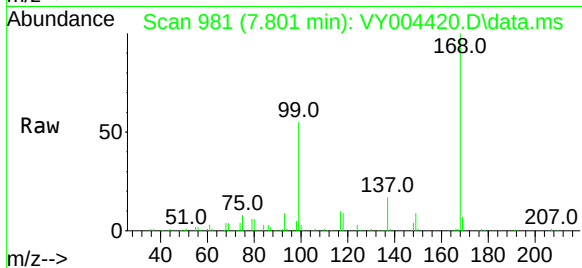
Tgt Ion:	75	Resp:	13697
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.7#
77	0.0	24.3	36.5#



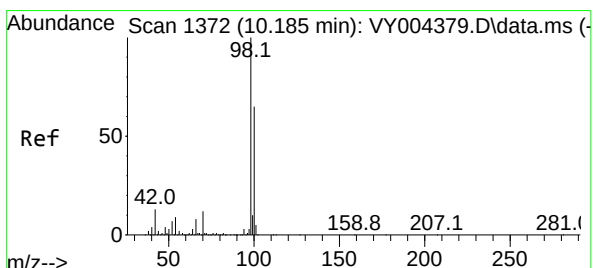
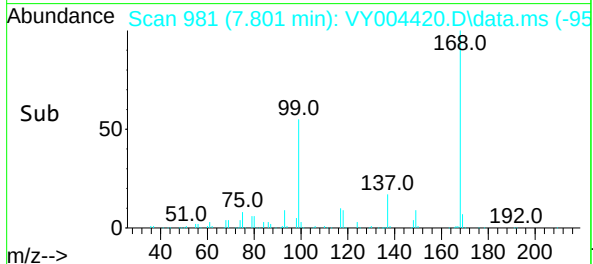
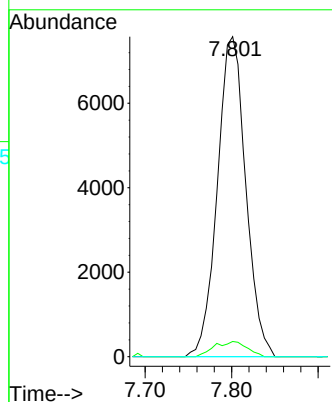


#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

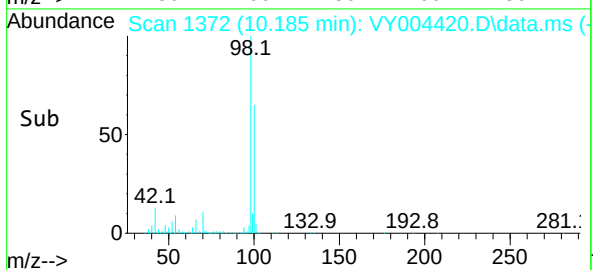
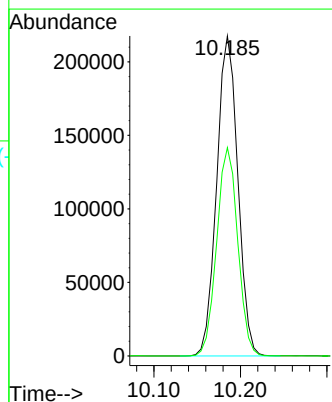
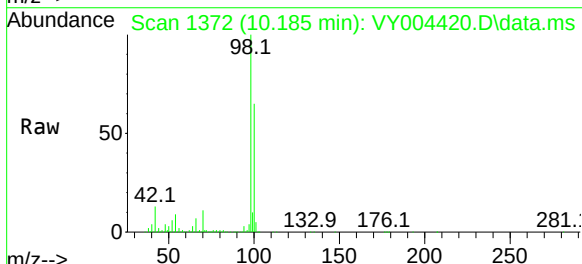


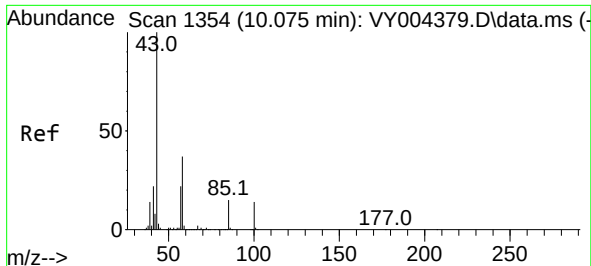
Tgt Ion:117 Resp: 17247
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 98 Resp: 368762
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

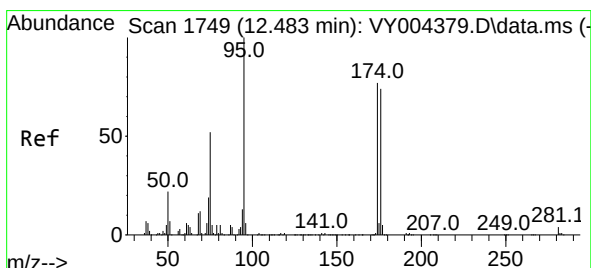
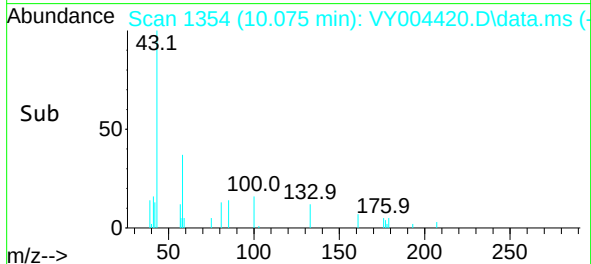
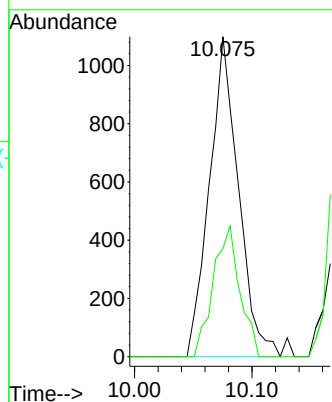
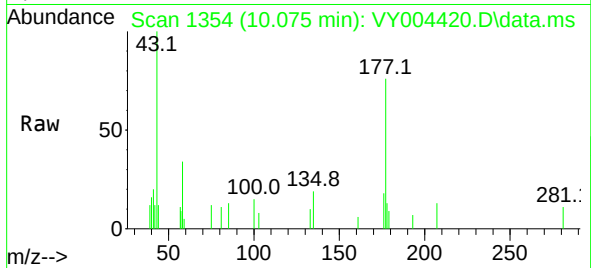




#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

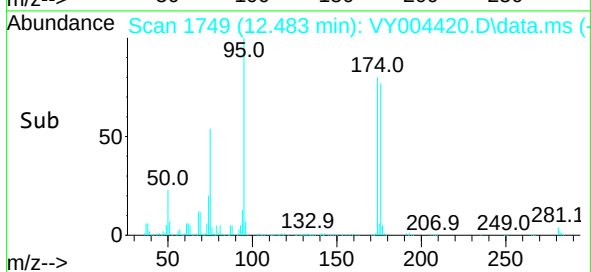
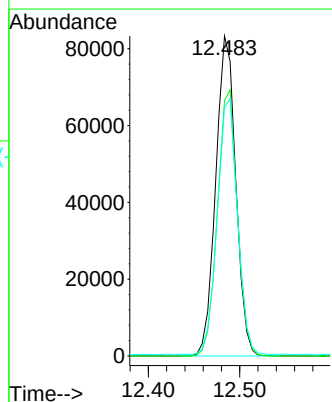
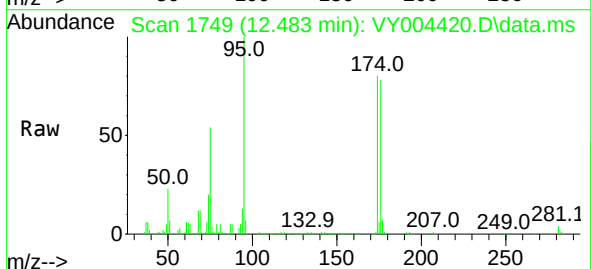
Instrument :
MSVOA_Y
ClientSampled :
WC-2

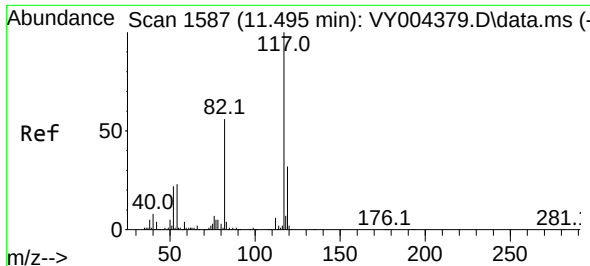
Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
58 37.4 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 52.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 95 Resp: 126659
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 80.8 0.0 156.0

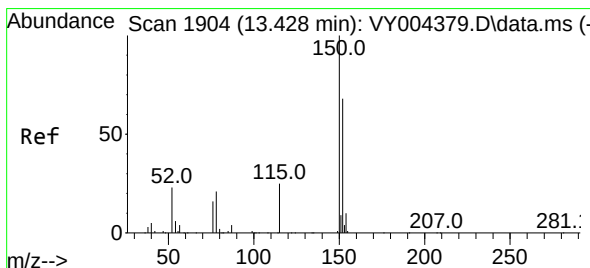
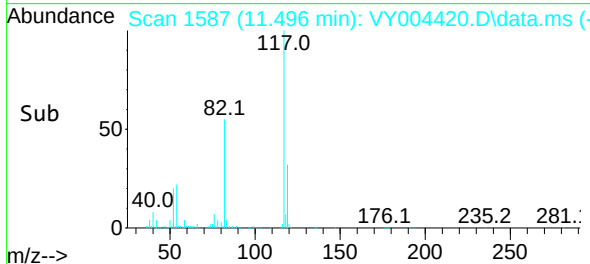
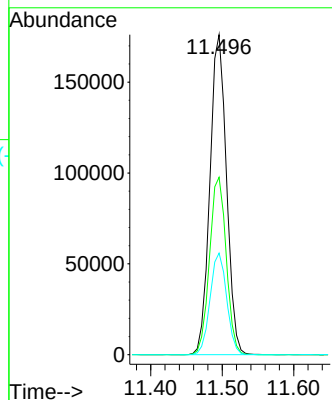
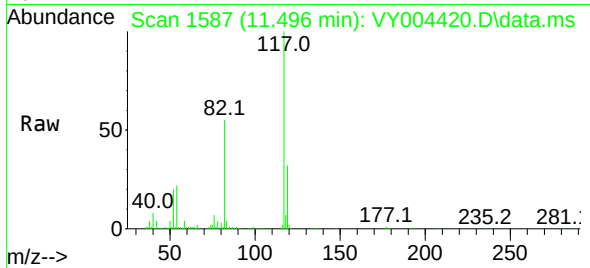




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

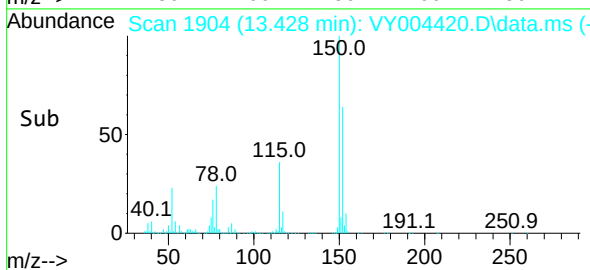
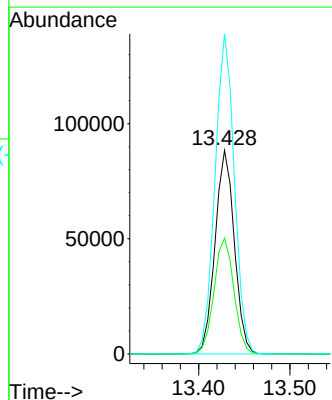
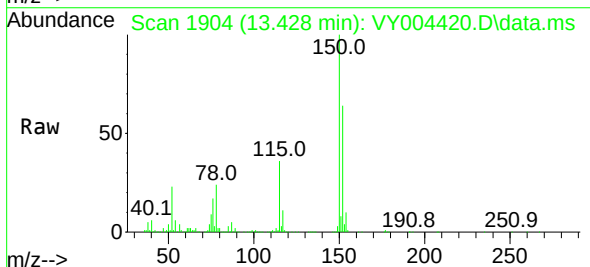
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

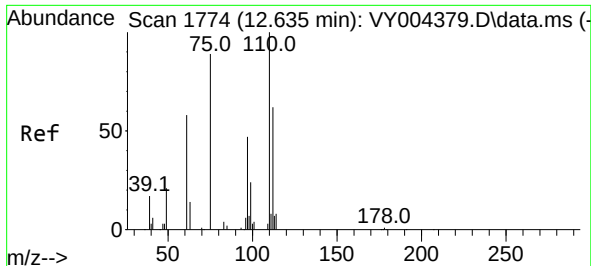
Tgt Ion:117 Resp: 283459
Ion Ratio Lower Upper
117 100
82 55.5 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion:152 Resp: 129735
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 157.5 0.0 348.4

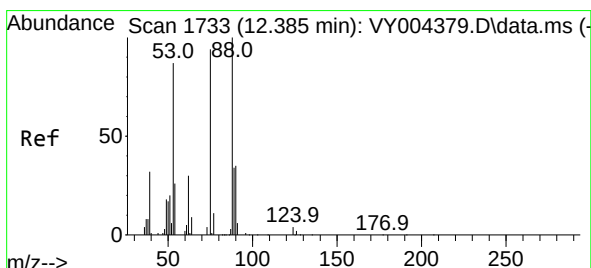
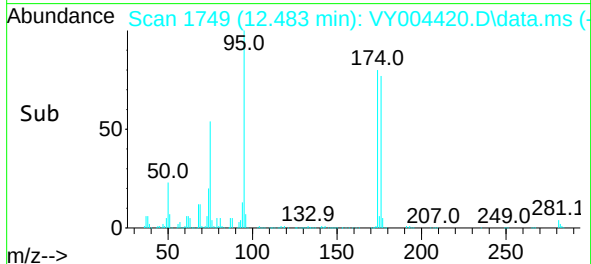
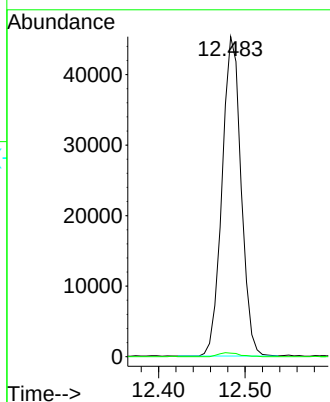
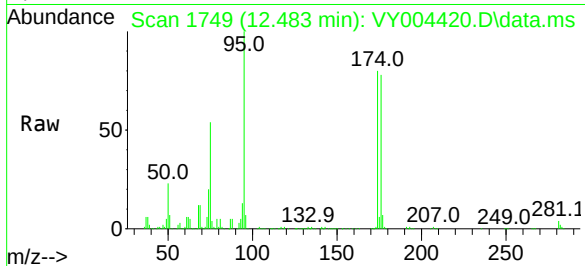




#76
1,2,3-Trichloropropane
Concen: 49.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Instrument :
MSVOA_Y
ClientSampled :
WC-2

Tgt Ion: 75 Resp: 69159
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 75 Resp: 69086
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.2 36.1 54.1#

