

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004501.D
 Acq On : 19 Apr 2021 16:25
 Operator : SY/MD
 Sample : M2075-19
 Misc : 6.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-S

Quant Time: Apr 20 01:49:30 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	138241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	215655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	84167	54.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.60%
35) Dibromofluoromethane	7.728	113	71044	53.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.26%
50) Toluene-d8	10.185	98	292335	51.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.80%
62) 4-Bromofluorobenzene	12.483	95	93532	48.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.92%

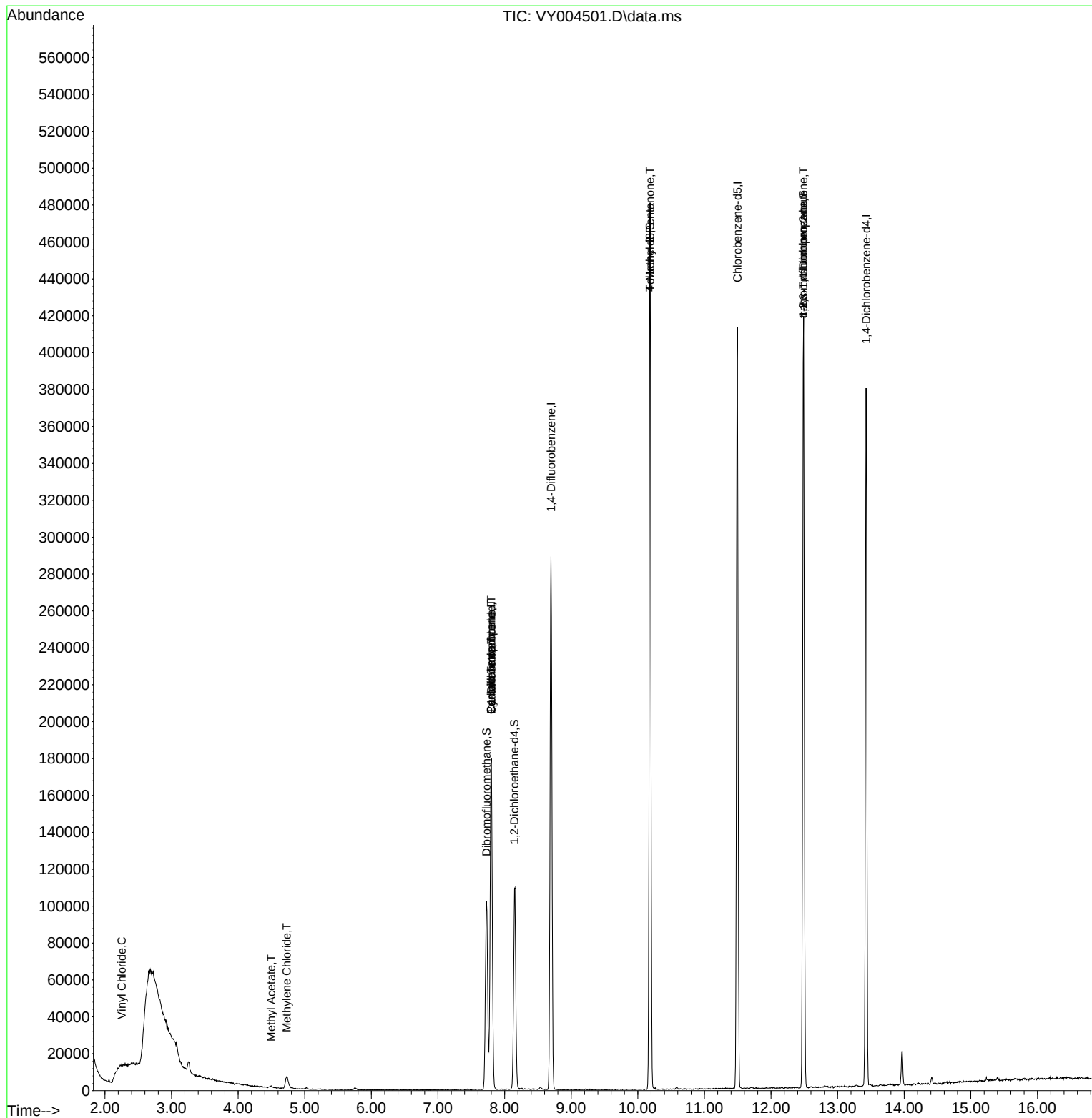
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	10431	5.33	ug/l #	43
16) Acetone	3.978	43	654	Below	Cal #	75
18) Methyl Acetate	4.497	43	2027	1.89	ug/l #	84
20) Methylene Chloride	4.728	84	4331	2.92	ug/l	86
31) Cyclohexane	7.801	56	3235	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	11250	4.70	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13979	6.75	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1535	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52075	53.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52075	95.88	ug/l #	12

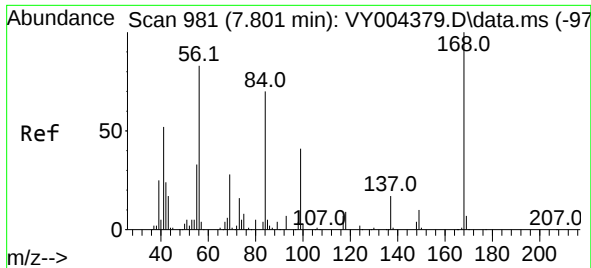
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 01:49:30 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

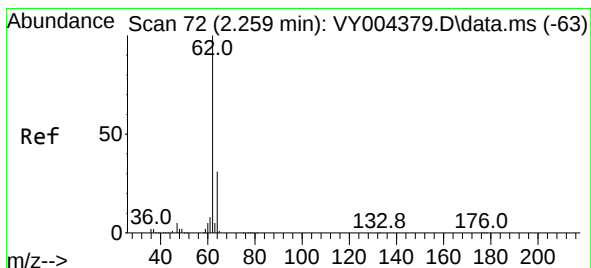
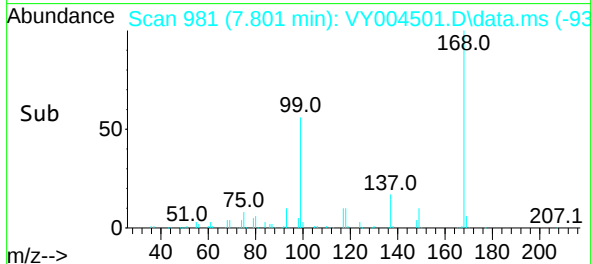
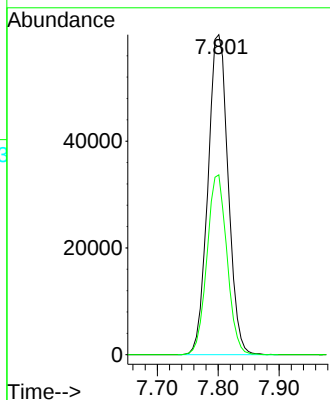
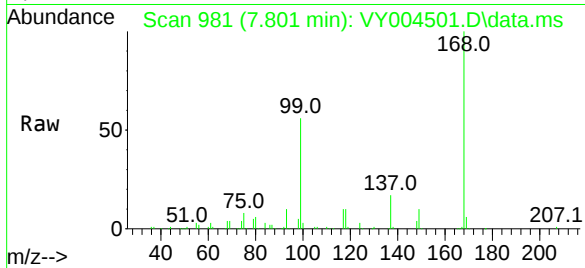




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

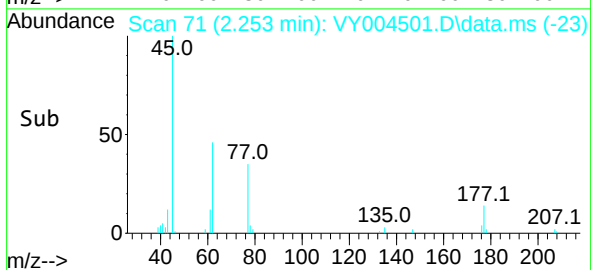
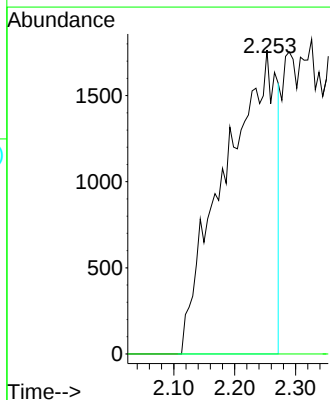
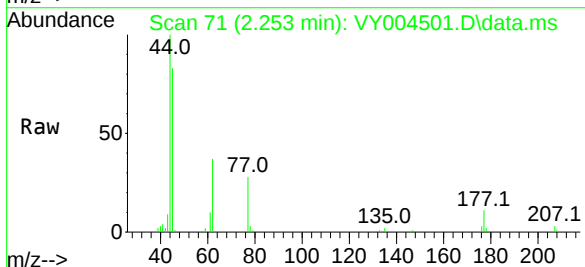
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S

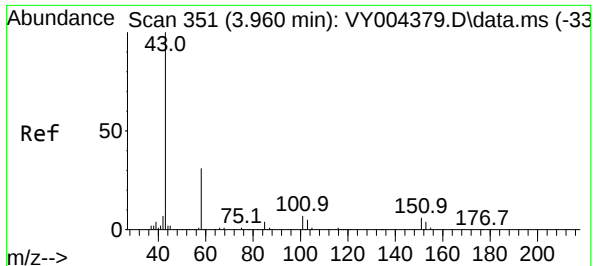
Tgt Ion:168 Resp: 138241
Ion Ratio Lower Upper
168 100
99 56.2 45.5 68.3



#4
Vinyl Chloride
Concen: 5.33 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Tgt Ion: 62 Resp: 10431
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

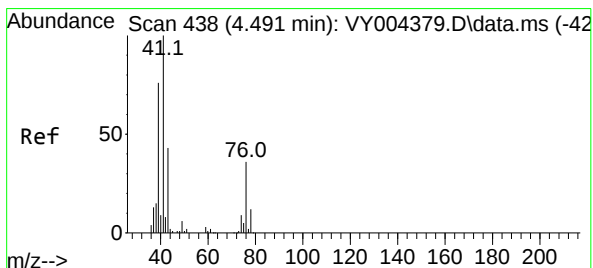
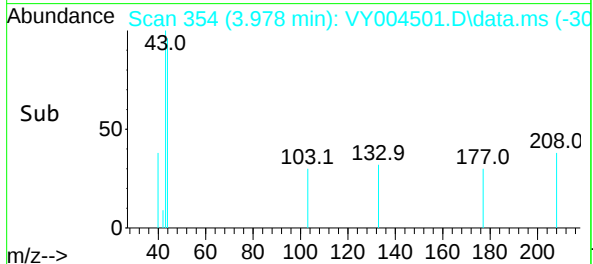
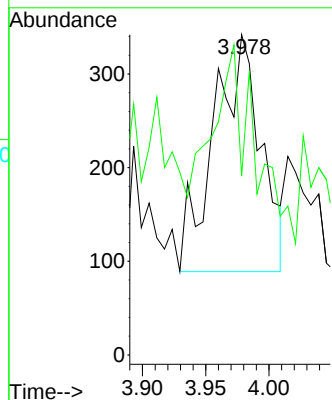
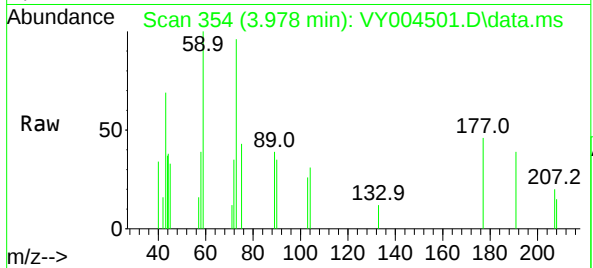




#16
Acetone
Concen: Below Cal
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

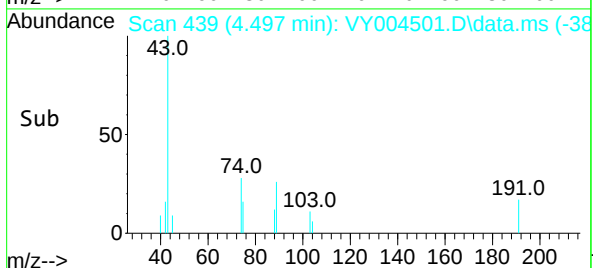
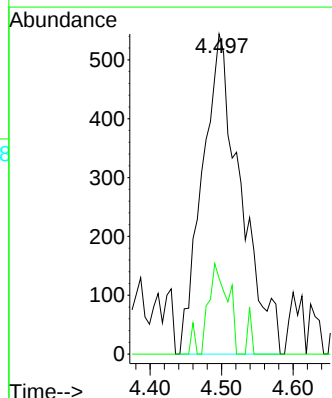
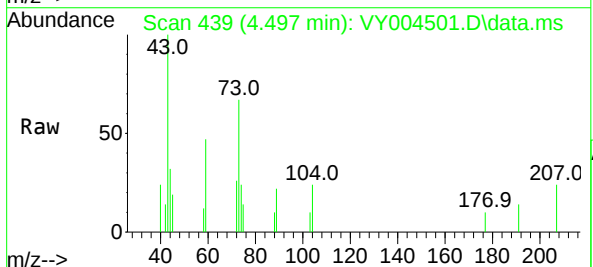
Instrument :
MSVOA_Y
ClientSampled :
TP-6-S

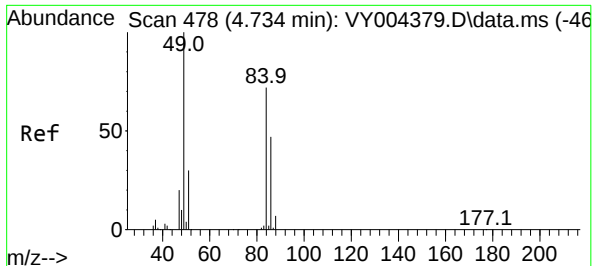
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 17.0 24.6 37.0#



#18
Methyl Acetate
Concen: 1.89 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
74 13.9 17.2 25.8#

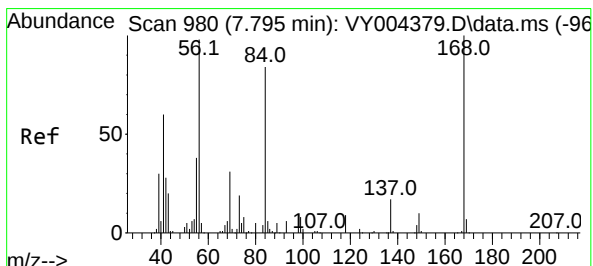
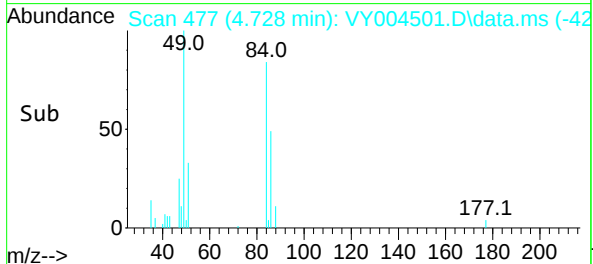
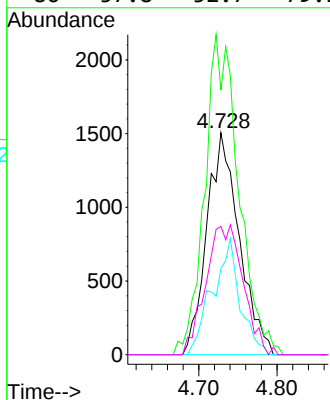
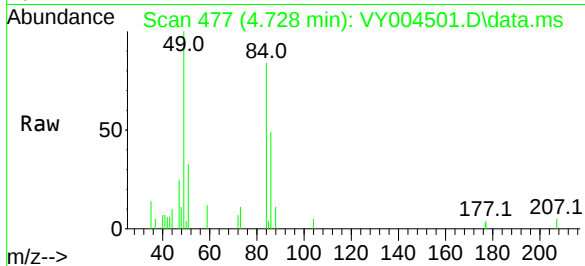




#20
Methylene Chloride
Concen: 2.92 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

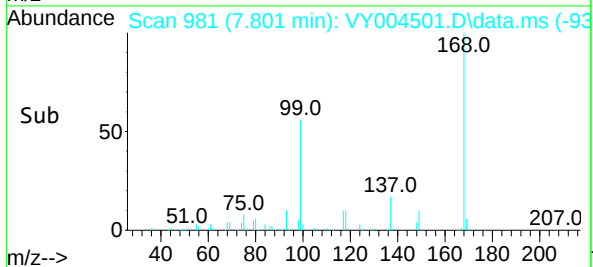
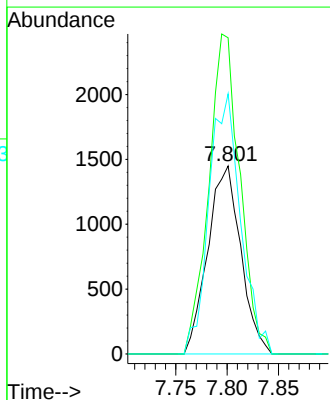
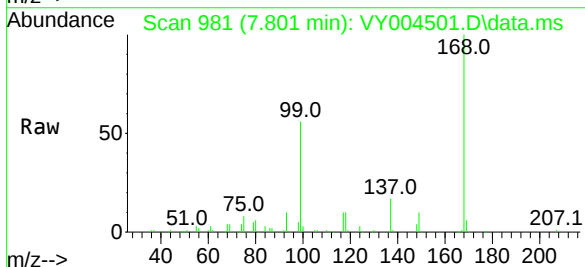
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S

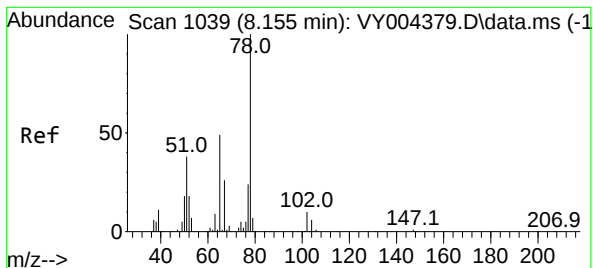
Tgt Ion:	84	Resp:	4331
Ion	Ratio	Lower	Upper
84	100		
49	115.5	111.2	166.8
51	38.8	33.4	50.2
86	57.8	52.7	79.1



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Tgt Ion:	56	Resp:	3235
Ion	Ratio	Lower	Upper
56	100		
69	168.1	25.8	38.6#
84	138.3	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: 54.80 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY004501.D

Acq: 19 Apr 2021 16:25

Tgt Ion: 65 Resp: 84167

Ion Ratio Lower Upper

65 100

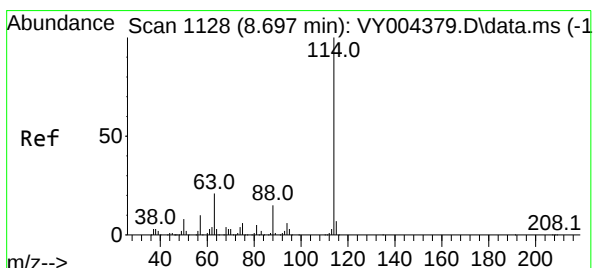
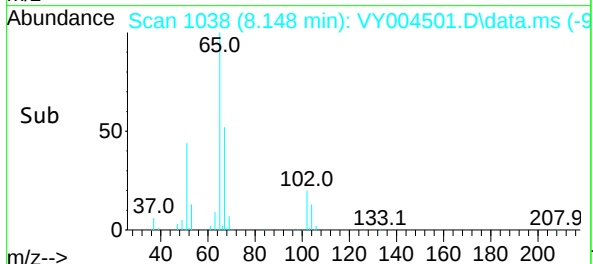
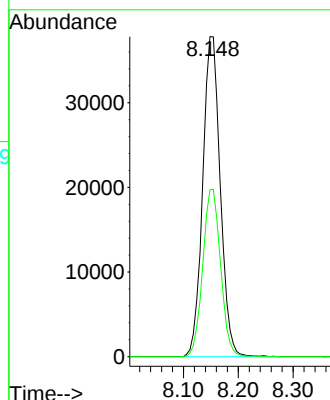
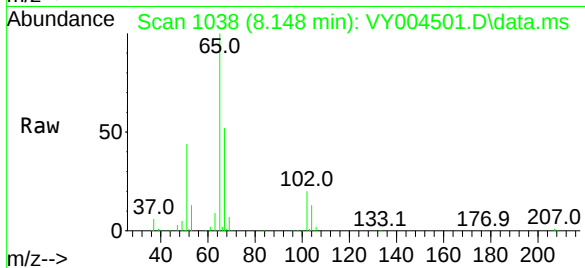
67 52.9 0.0 106.4

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-S



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004501.D

Acq: 19 Apr 2021 16:25

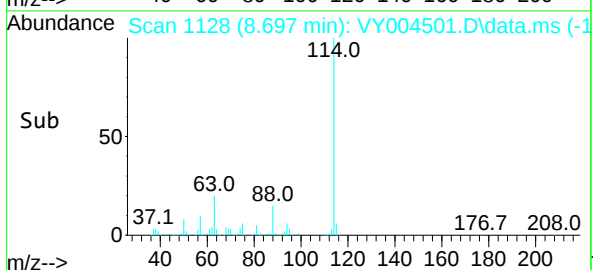
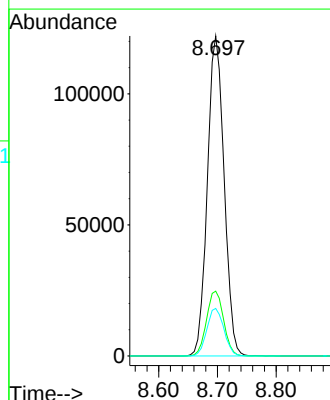
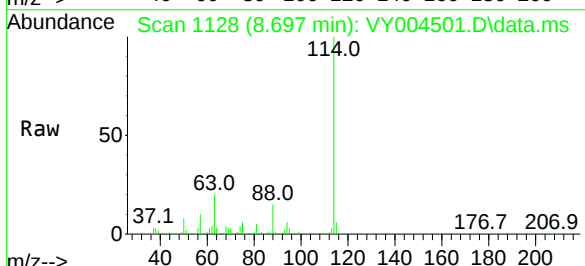
Tgt Ion:114 Resp: 240954

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.9 0.0 30.8

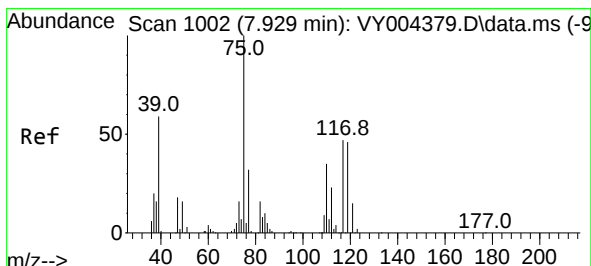
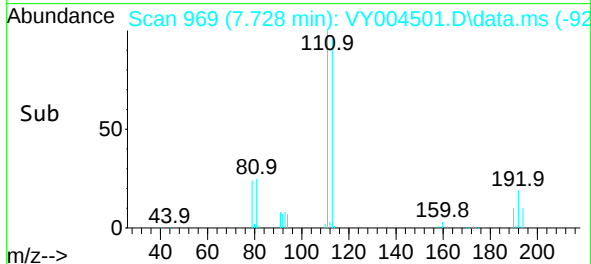
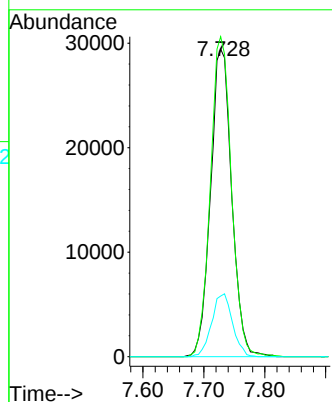
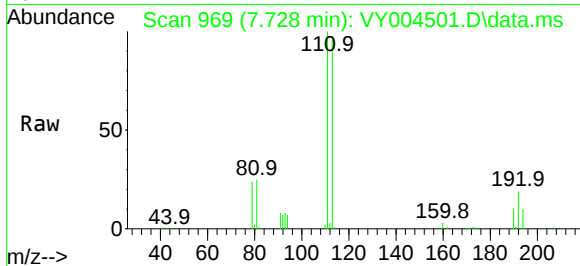




#35
Dibromofluoromethane
Concen: 53.13 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

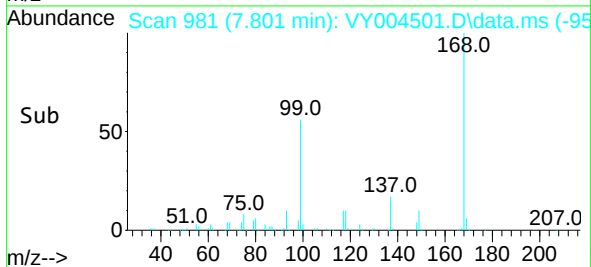
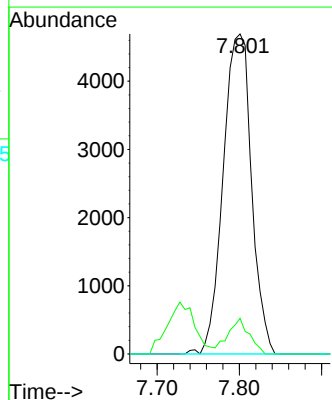
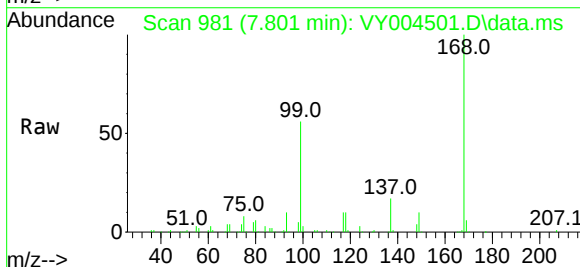
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S

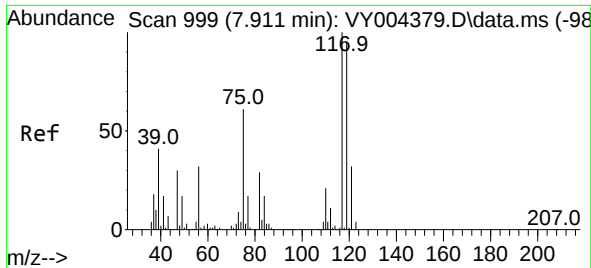
Tgt Ion:	113	Resp:	71044
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	20.1	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

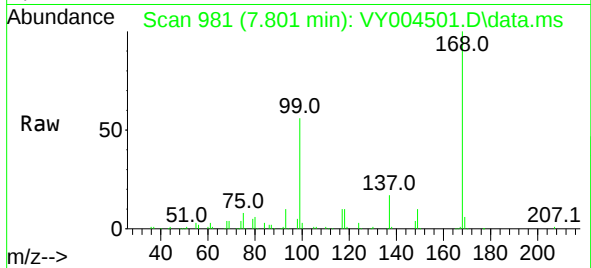
Tgt Ion:	75	Resp:	11250
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.3	51.7#
77	0.0	24.3	36.5#



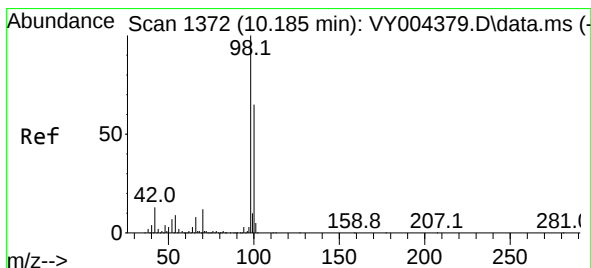
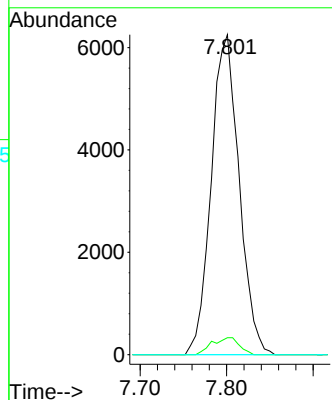
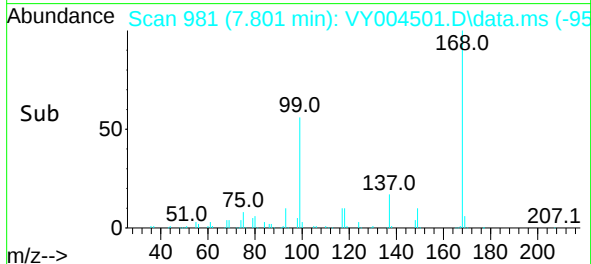


#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

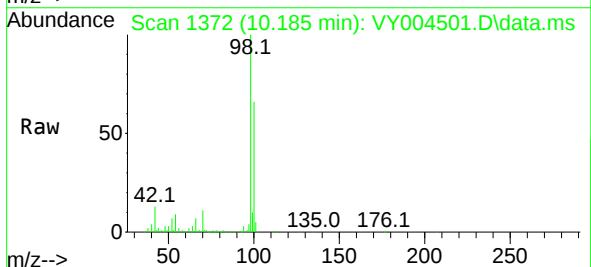
Instrument :
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ClientSampleId :
TP-6-S



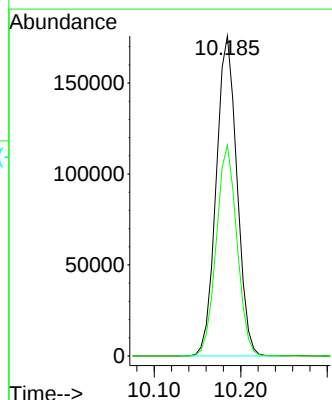
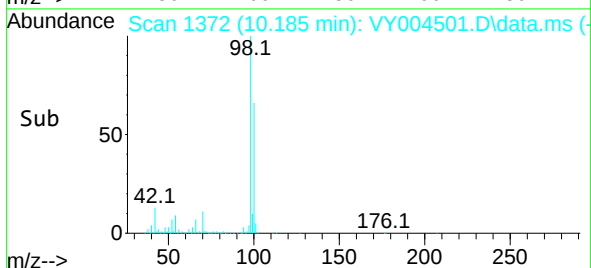
Tgt Ion:117 Resp: 13979
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 25.3 37.9#

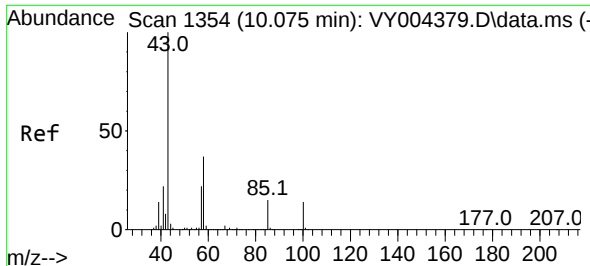


#50
Toluene-d8
Concen: 51.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25



Tgt Ion: 98 Resp: 292335
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

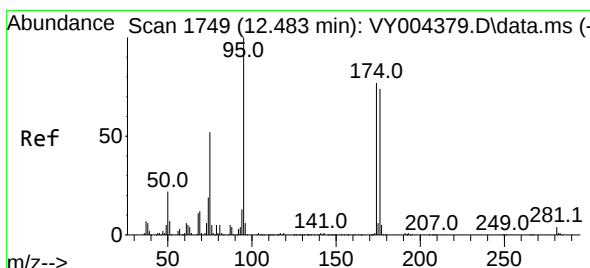
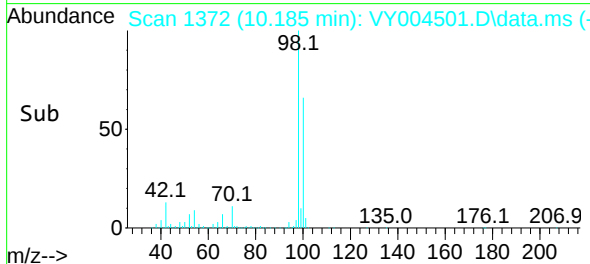
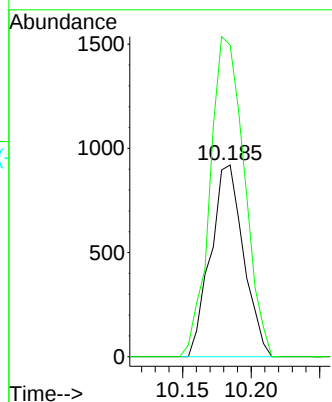
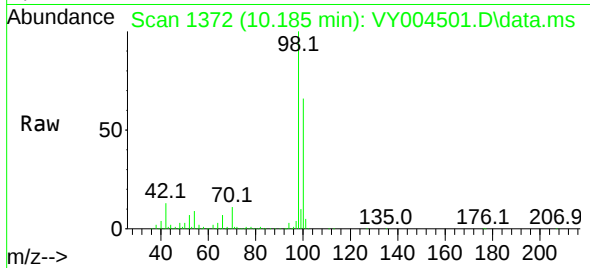




#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

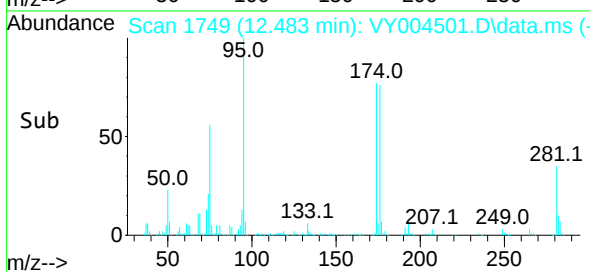
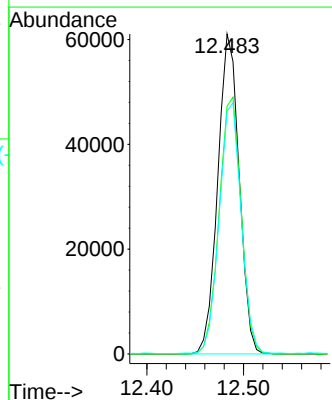
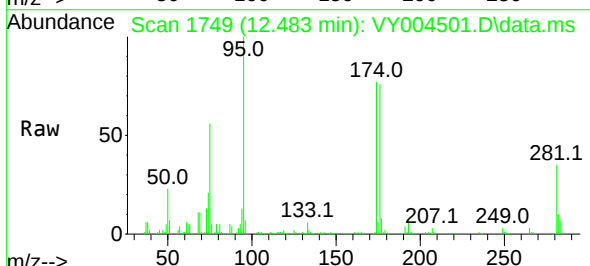
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S

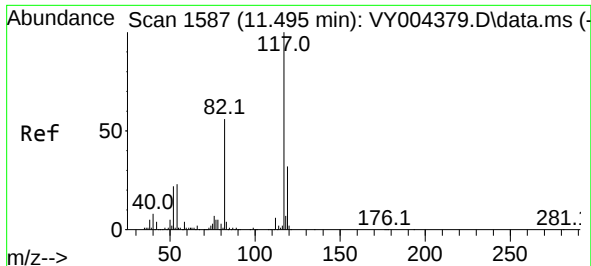
Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
58 174.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 48.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Tgt Ion: 95 Resp: 93532
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.6 0.0 156.0

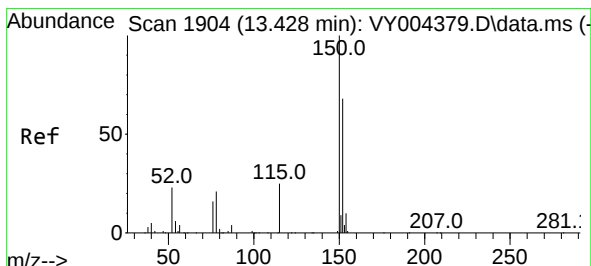
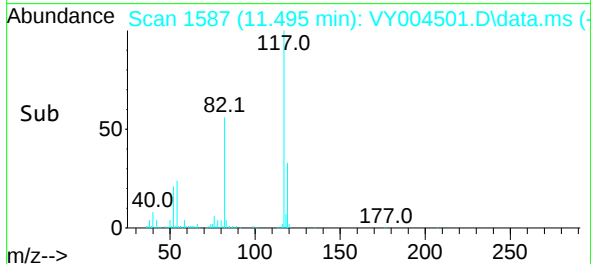
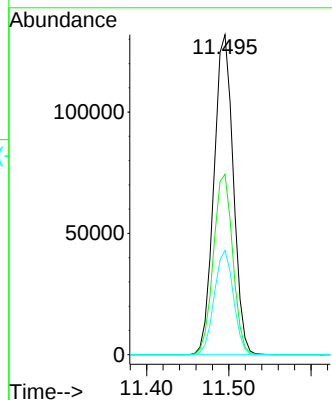
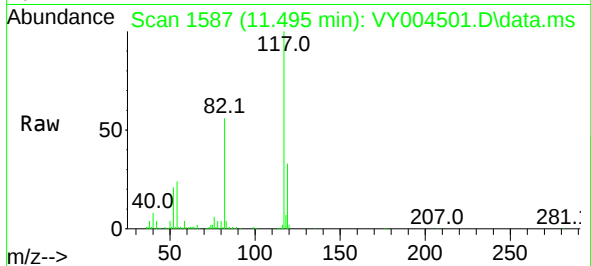




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

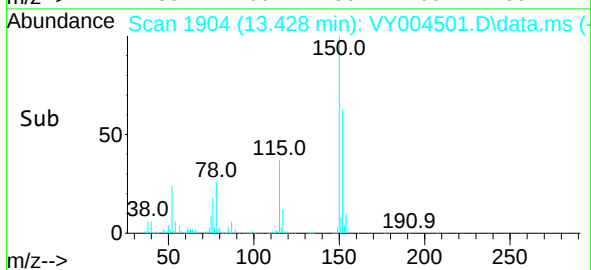
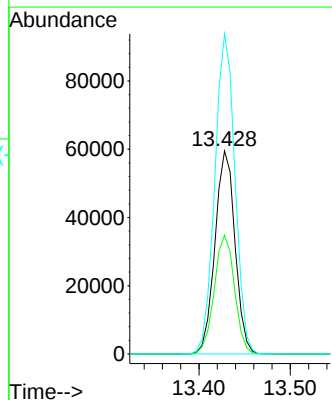
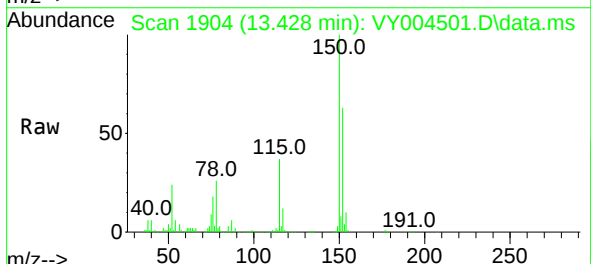
Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S

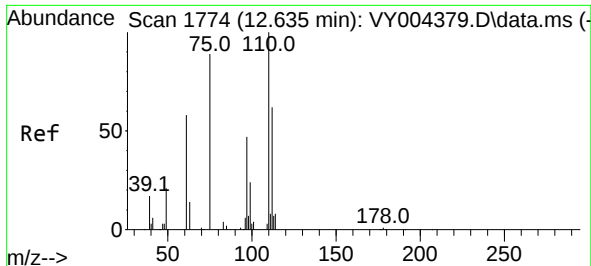
Tgt Ion:117 Resp: 215655
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Tgt Ion:152 Resp: 90525
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.8
150 158.6 0.0 348.4

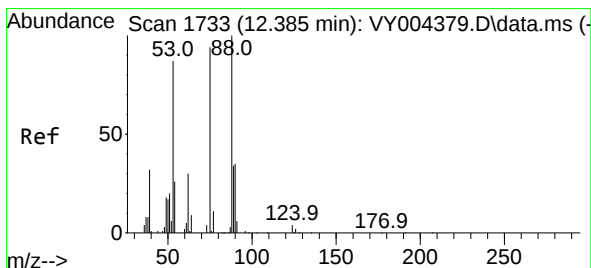
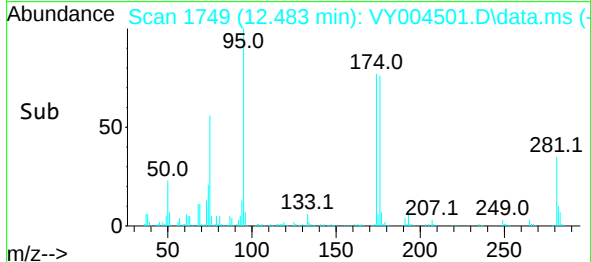
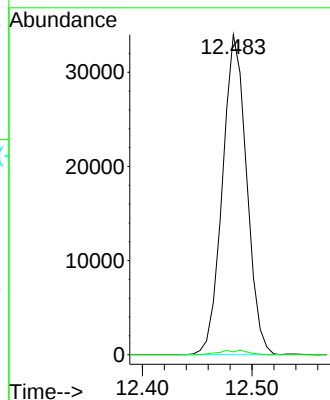
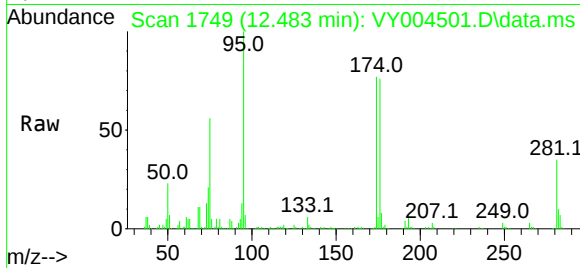




#76
1,2,3-Trichloropropane
Concen: 53.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S

Tgt Ion: 75 Resp: 52075
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004501.D
Acq: 19 Apr 2021 16:25

Tgt Ion: 75 Resp: 52075
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.0 36.1 54.1#

