

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004519.D
 Acq On : 20 Apr 2021 11:29
 Operator : SY/MD
 Sample : M2095-01
 Misc : 5.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:48:57 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	126978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79423	56.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.60%
35) Dibromofluoromethane	7.728	113	65068	54.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.46%
50) Toluene-d8	10.185	98	262523	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.483	95	75151	43.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.58%

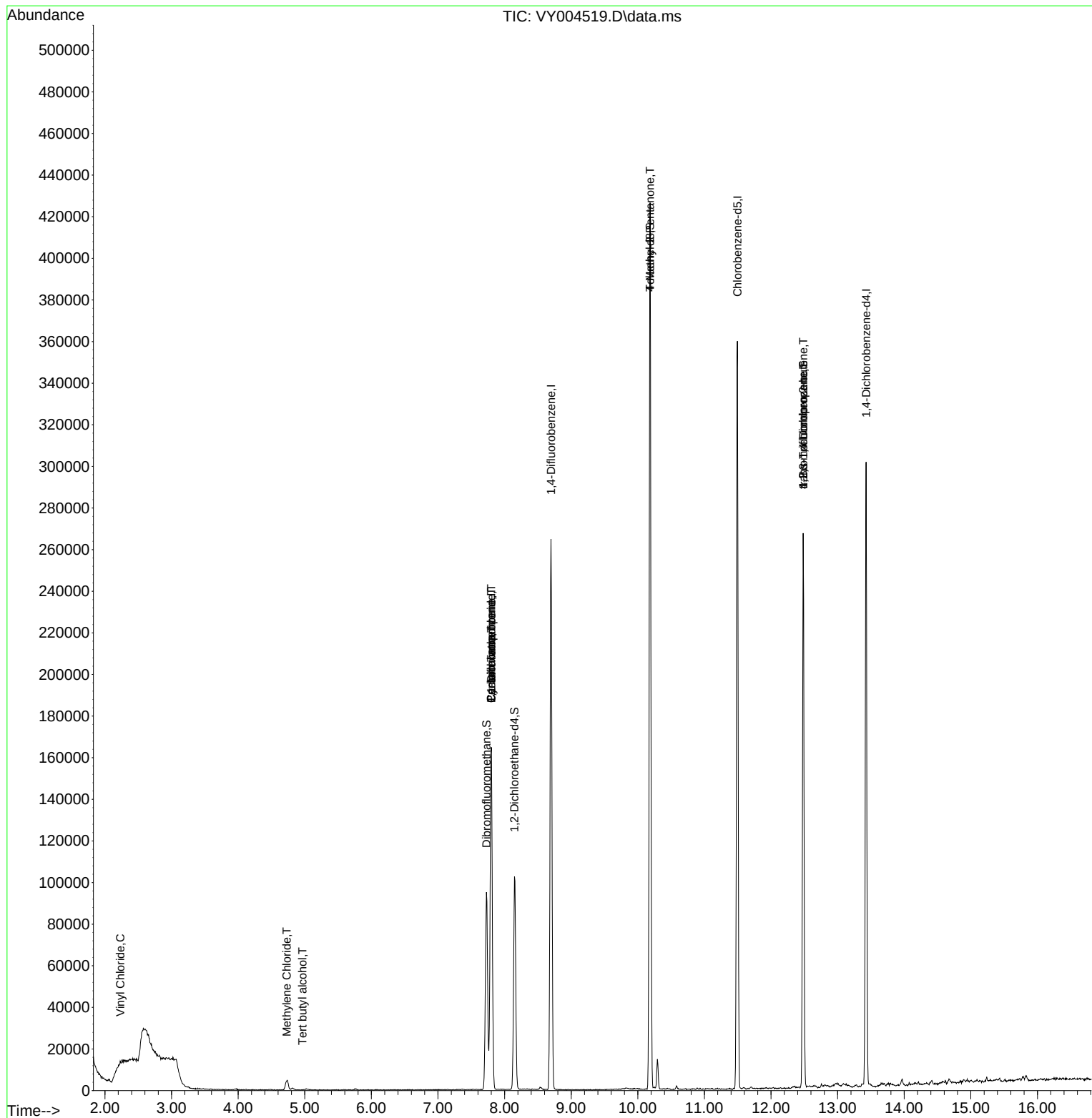
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	7505	4.18	ug/l #	43
11) Tert butyl alcohol	4.966	59	308	2.22	ug/l #	73
16) Acetone	3.960	43	587	Below	Cal	99
20) Methylene Chloride	4.729	84	3313	2.43	ug/l #	85
31) Cyclohexane	7.801	56	3244	1.25	ug/l #	46
36) 1,1-Dichloropropene	7.801	75	10435	4.90	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12260	6.66	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1404	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41872	54.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41872	97.60	ug/l #	12

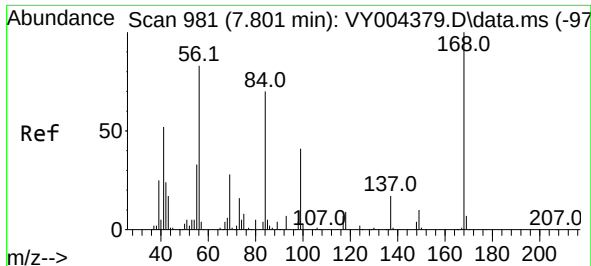
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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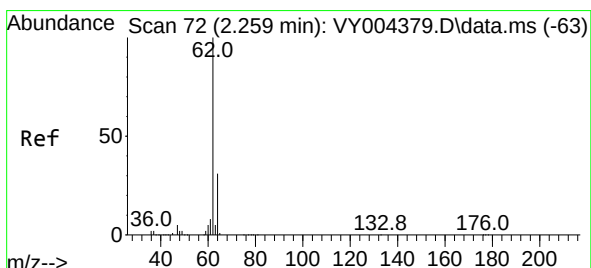
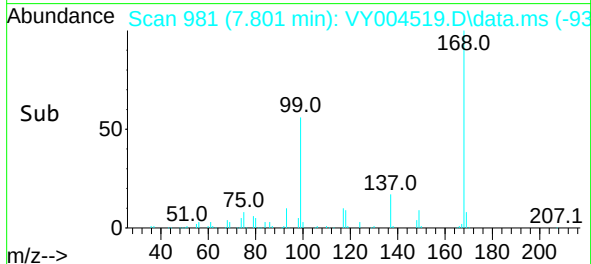
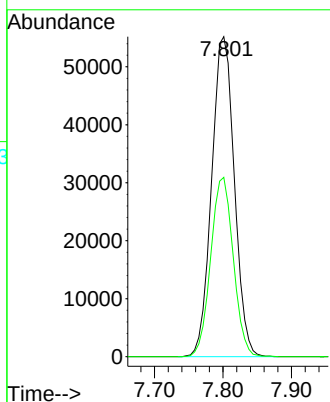
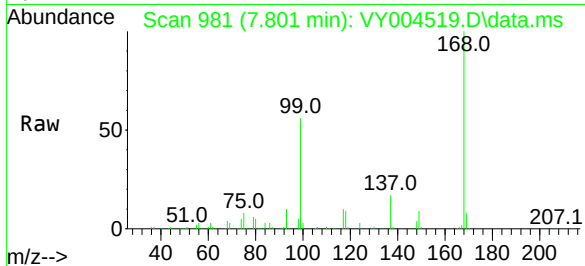




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

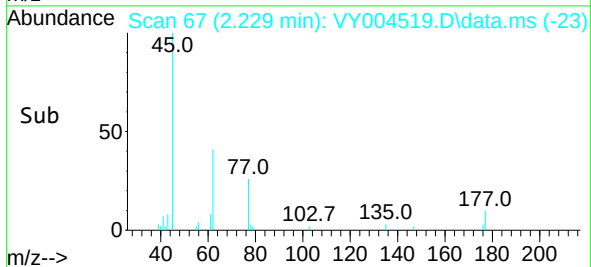
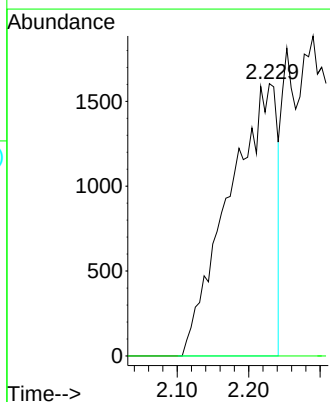
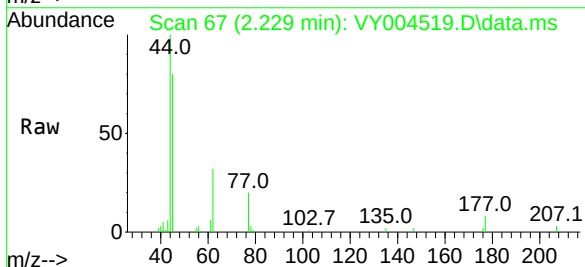
Instrument :
MSVOA_Y
ClientSampleId :

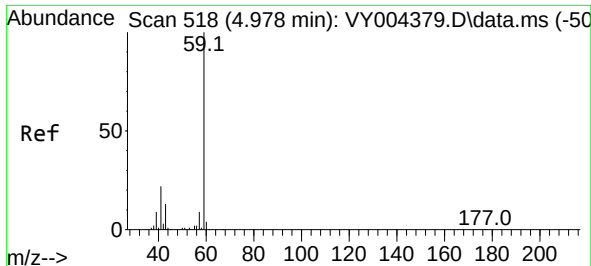
Tgt Ion:168 Resp: 126978
Ion Ratio Lower Upper
168 100
99 56.1 45.5 68.3



#4
Vinyl Chloride
Concen: 4.18 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.030 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Tgt Ion: 62 Resp: 7505
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.22 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.012 min

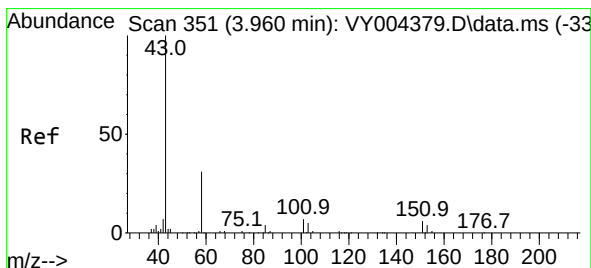
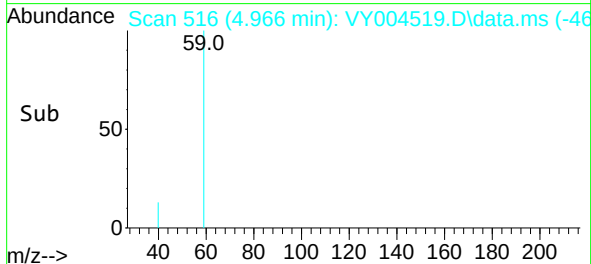
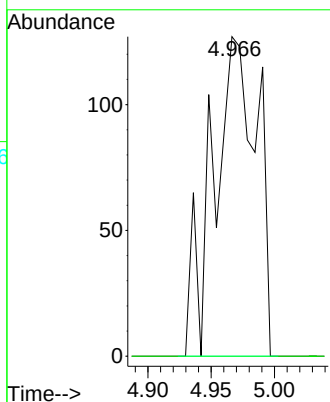
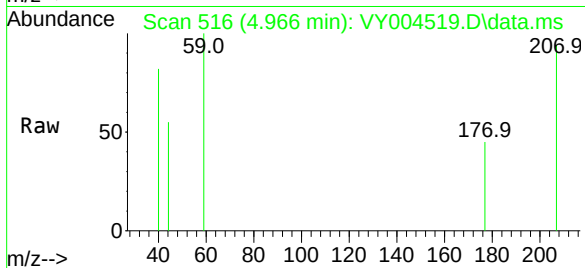
Lab File: VY004519.D

Acq: 20 Apr 2021 11:29

Tgt Ion: 59 Resp: 308

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

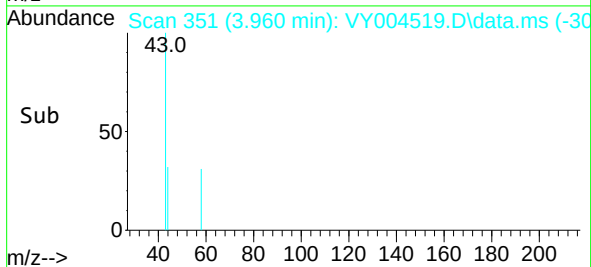
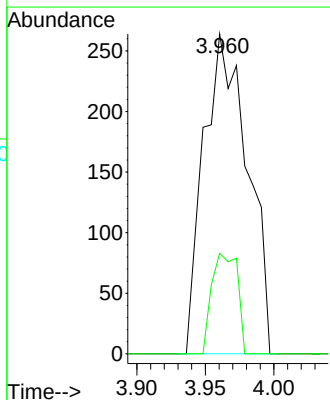
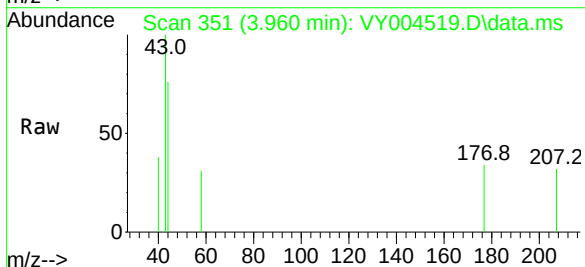
Lab File: VY004519.D

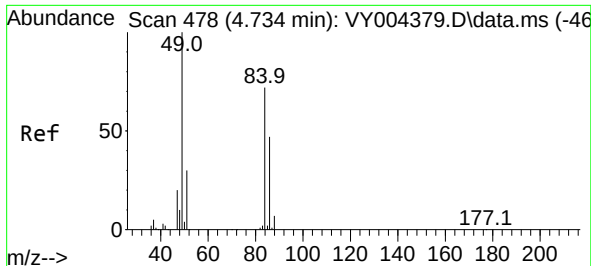
Acq: 20 Apr 2021 11:29

Tgt Ion: 43 Resp: 587

Ion Ratio Lower Upper

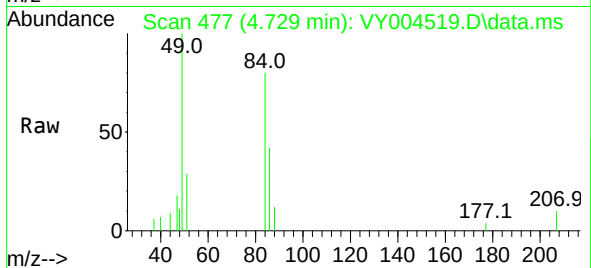
43	100		
58	31.4	24.6	37.0





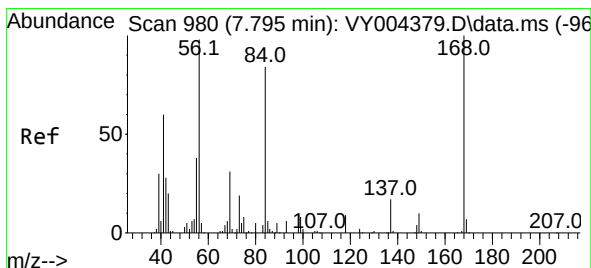
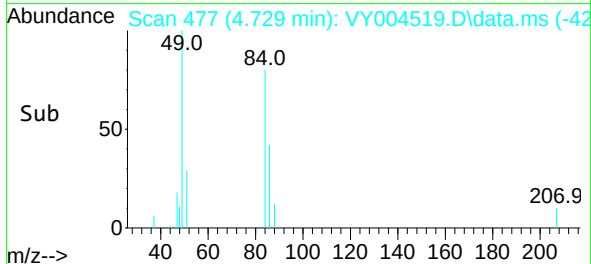
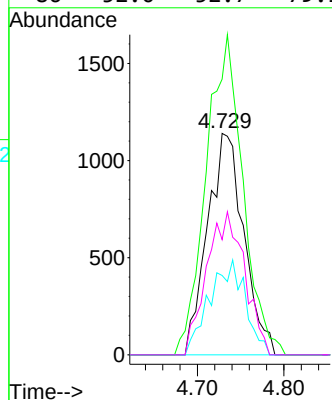
#20
Methylene Chloride
Concen: 2.43 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3313

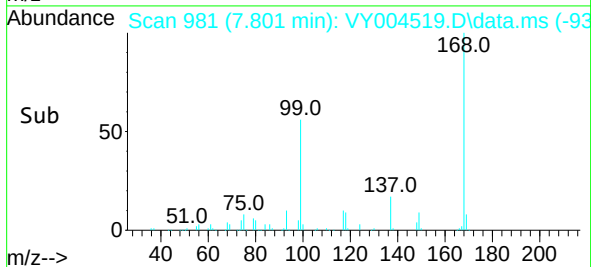
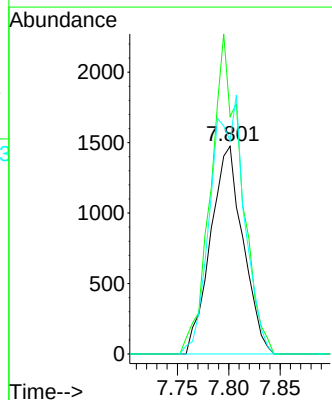
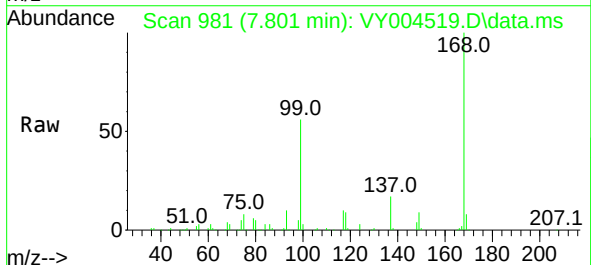
Ion	Ratio	Lower	Upper
84	100		
49	119.9	111.2	166.8
51	35.8	33.4	50.2
86	52.0	52.7	79.1#

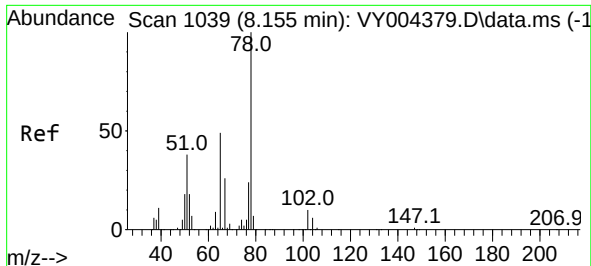


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Tgt Ion: 56 Resp: 3244

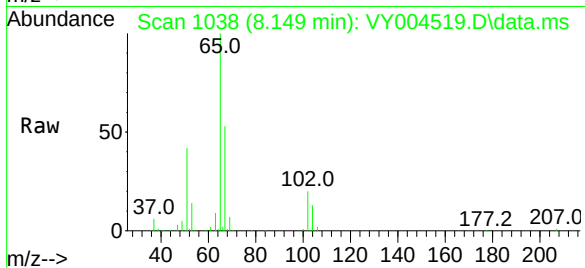
Ion	Ratio	Lower	Upper
56	100		
69	114.3	25.8	38.6#
84	102.7	68.2	102.4#



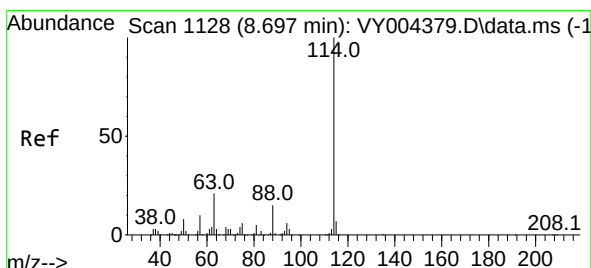
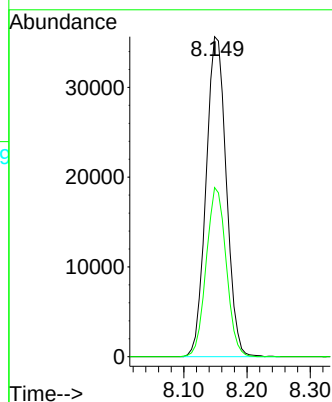
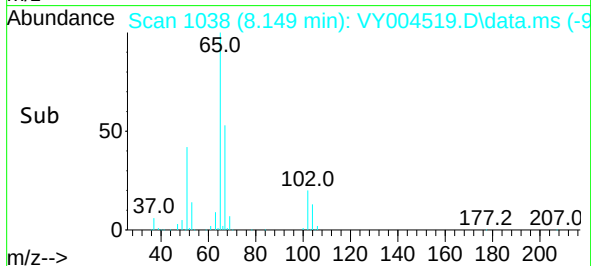


#33
 1,2-Dichloroethane-d4
 Concen: 56.30 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004519.D
 Acq: 20 Apr 2021 11:29

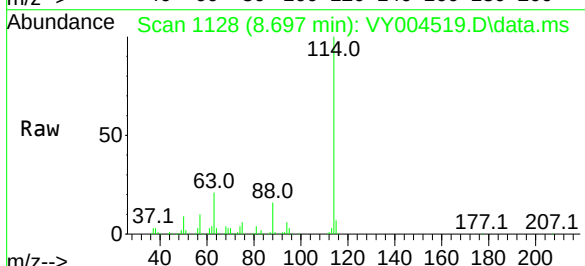
Instrument :
 MSVOA_Y
 ClientSampleId :



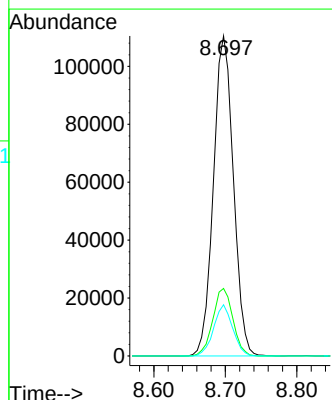
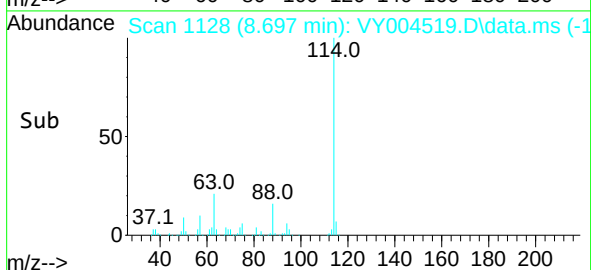
Tgt Ion: 65 Resp: 79423
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.4

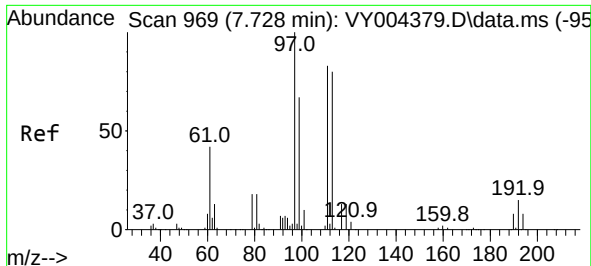


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004519.D
 Acq: 20 Apr 2021 11:29



Tgt Ion: 114 Resp: 214245
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 16.0 0.0 30.8

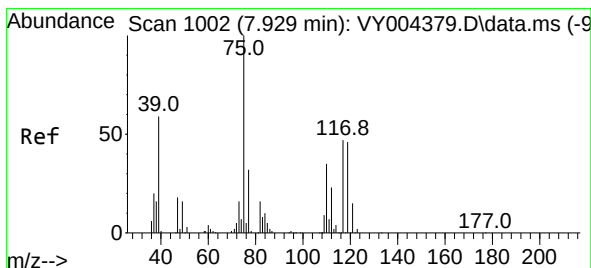
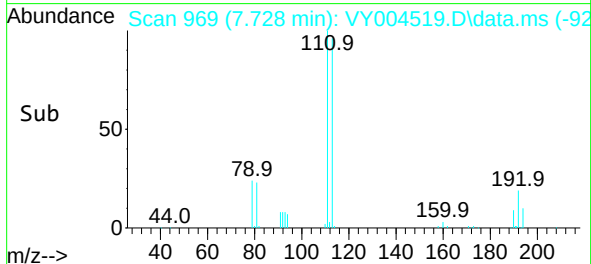
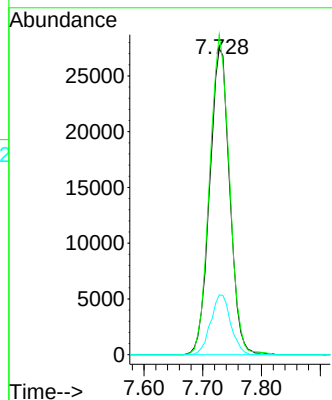
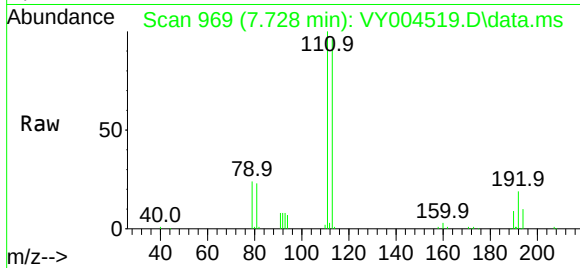




#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

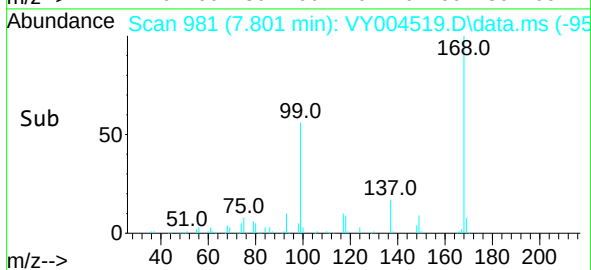
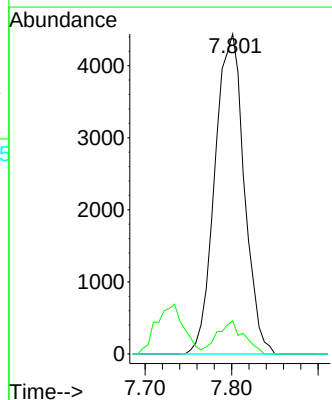
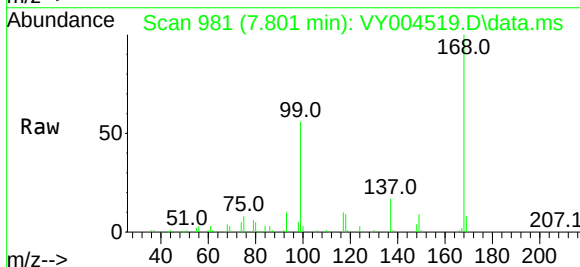
Instrument :
MSVOA_Y
ClientSampleId :

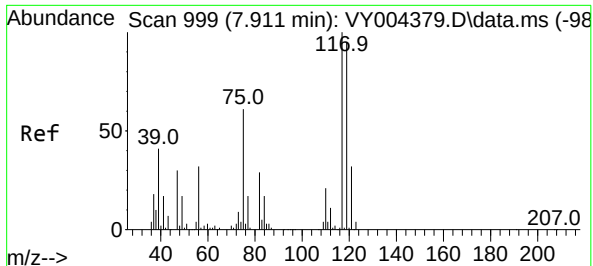
Tgt Ion:	113	Resp:	65068
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	19.4	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

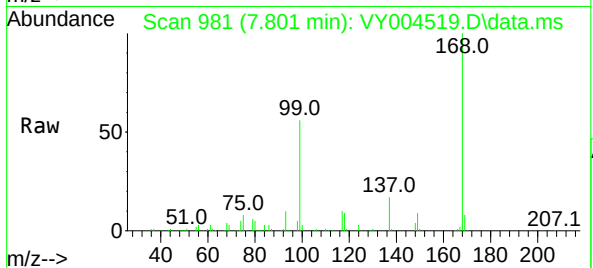
Tgt Ion:	75	Resp:	10435
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.3	51.7#
77	0.0	24.3	36.5#



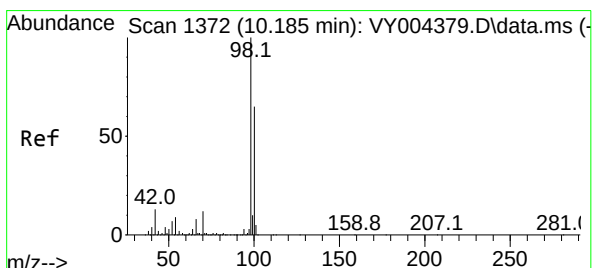
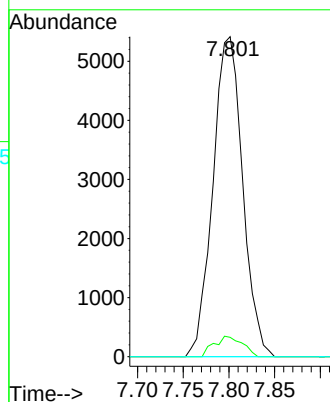
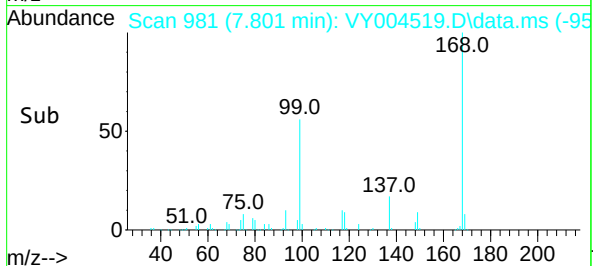


#38
Carbon Tetrachloride
Concen: 6.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

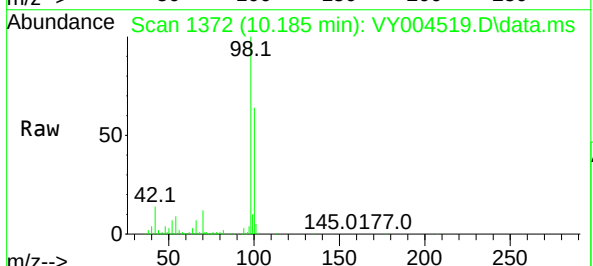
Instrument :
MSVOA_Y
ClientSampleId :



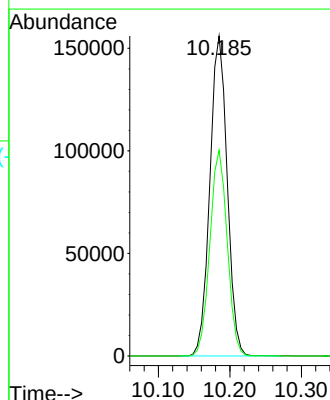
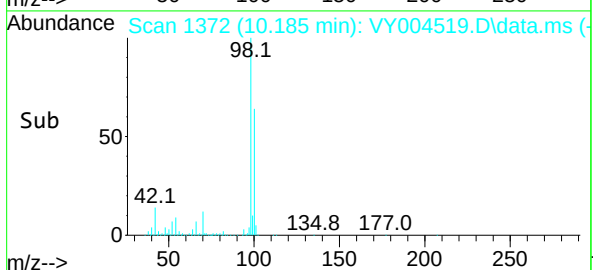
Tgt Ion:117 Resp: 12260
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 25.3 37.9#

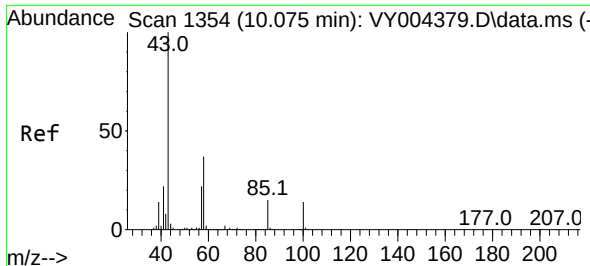


#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29



Tgt Ion: 98 Resp: 262523
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

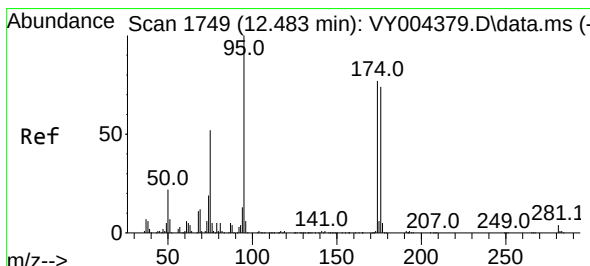
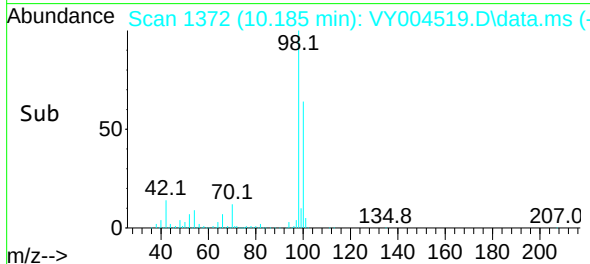
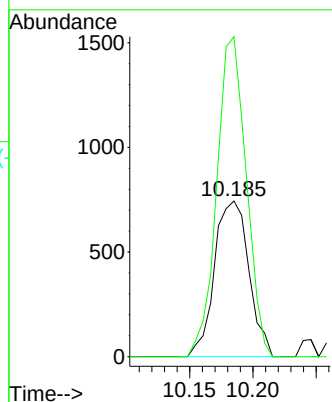
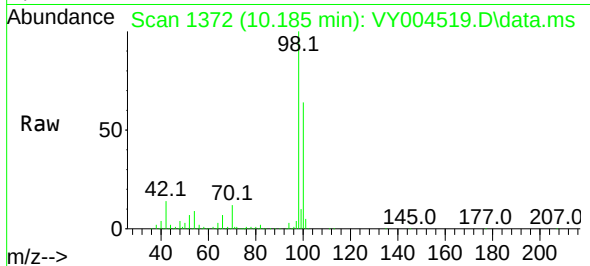




#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

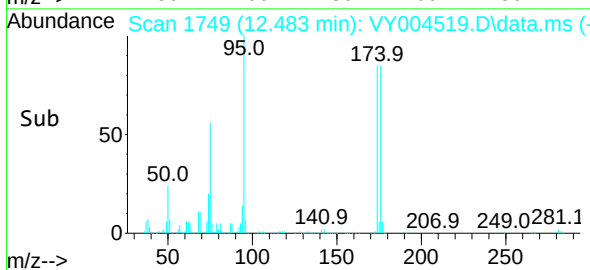
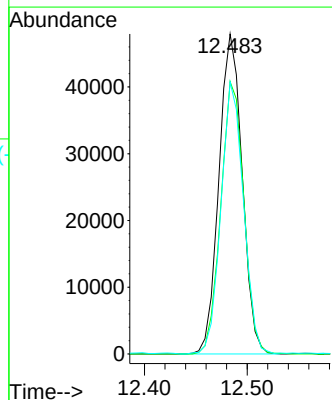
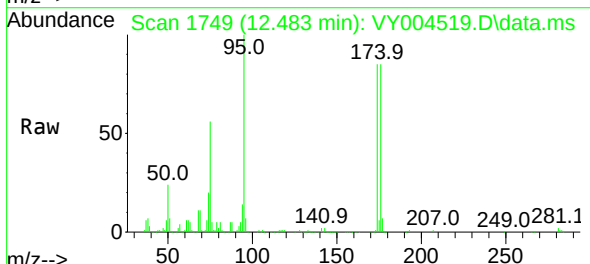
Instrument :
MSVOA_Y
ClientSampled :

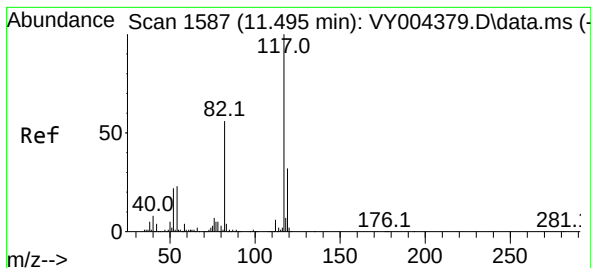
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 176.6 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 43.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Tgt Ion: 95 Resp: 75151
Ion Ratio Lower Upper
95 100
174 84.2 0.0 162.4
176 82.3 0.0 156.0

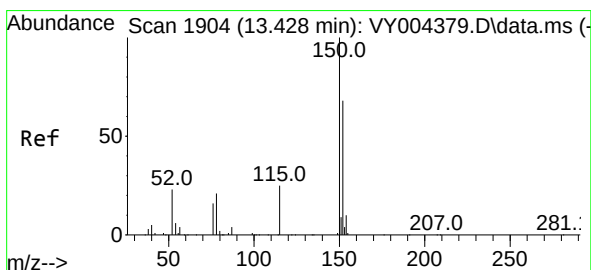
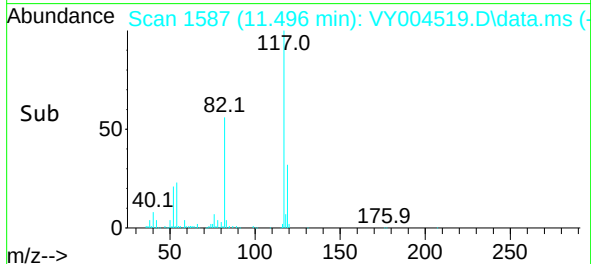
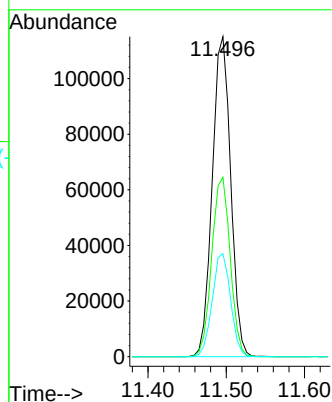
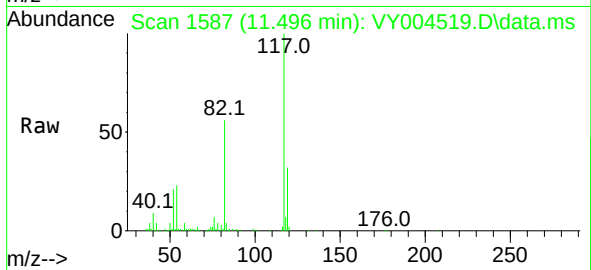




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

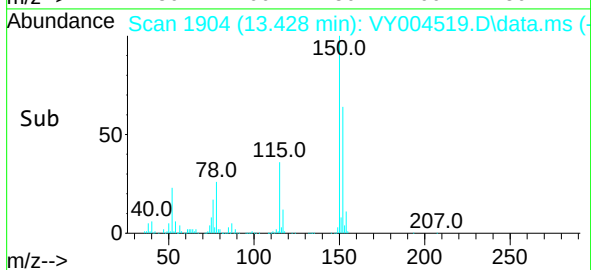
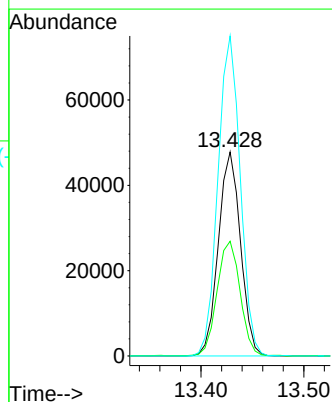
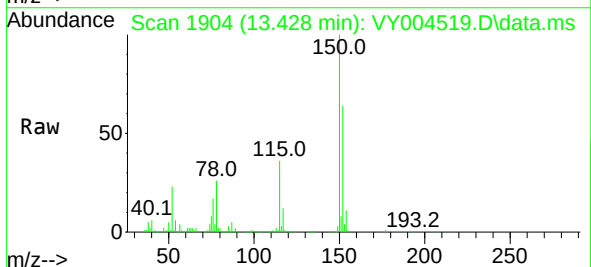
Instrument :
MSVOA_Y
ClientSampleId :

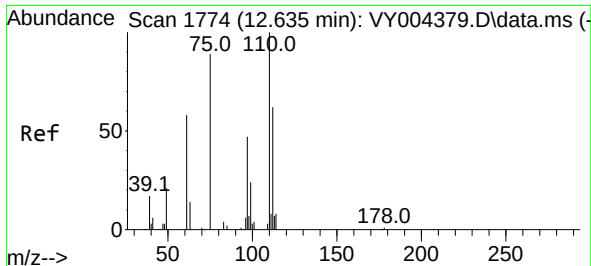
Tgt Ion:117 Resp: 187991
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Tgt Ion:152 Resp: 71504
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 157.9 0.0 348.4

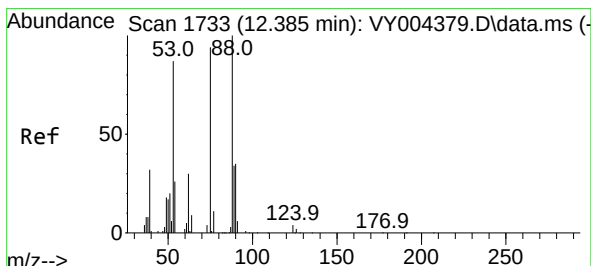
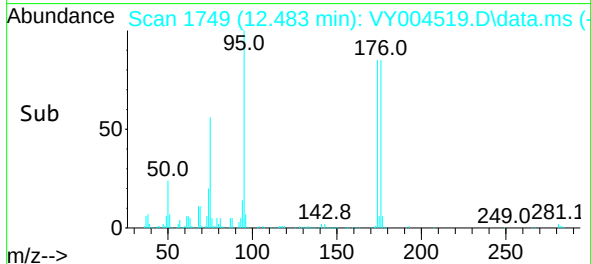
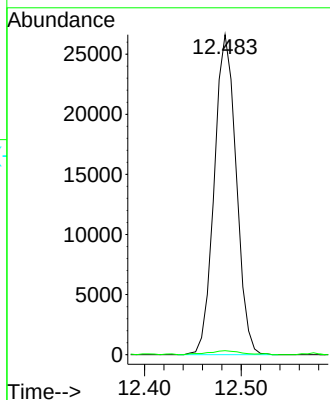
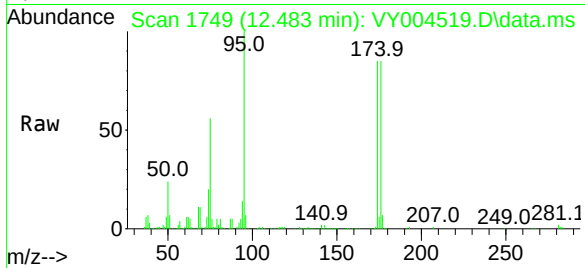




#76
1,2,3-Trichloropropane
Concen: 54.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41872
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004519.D
Acq: 20 Apr 2021 11:29

Tgt Ion: 75 Resp: 41872
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

