

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004631.D
 Acq On : 26 Apr 2021 15:49
 Operator : SY/MD
 Sample : M2176-07
 Misc : 5.80G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:33:46 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)

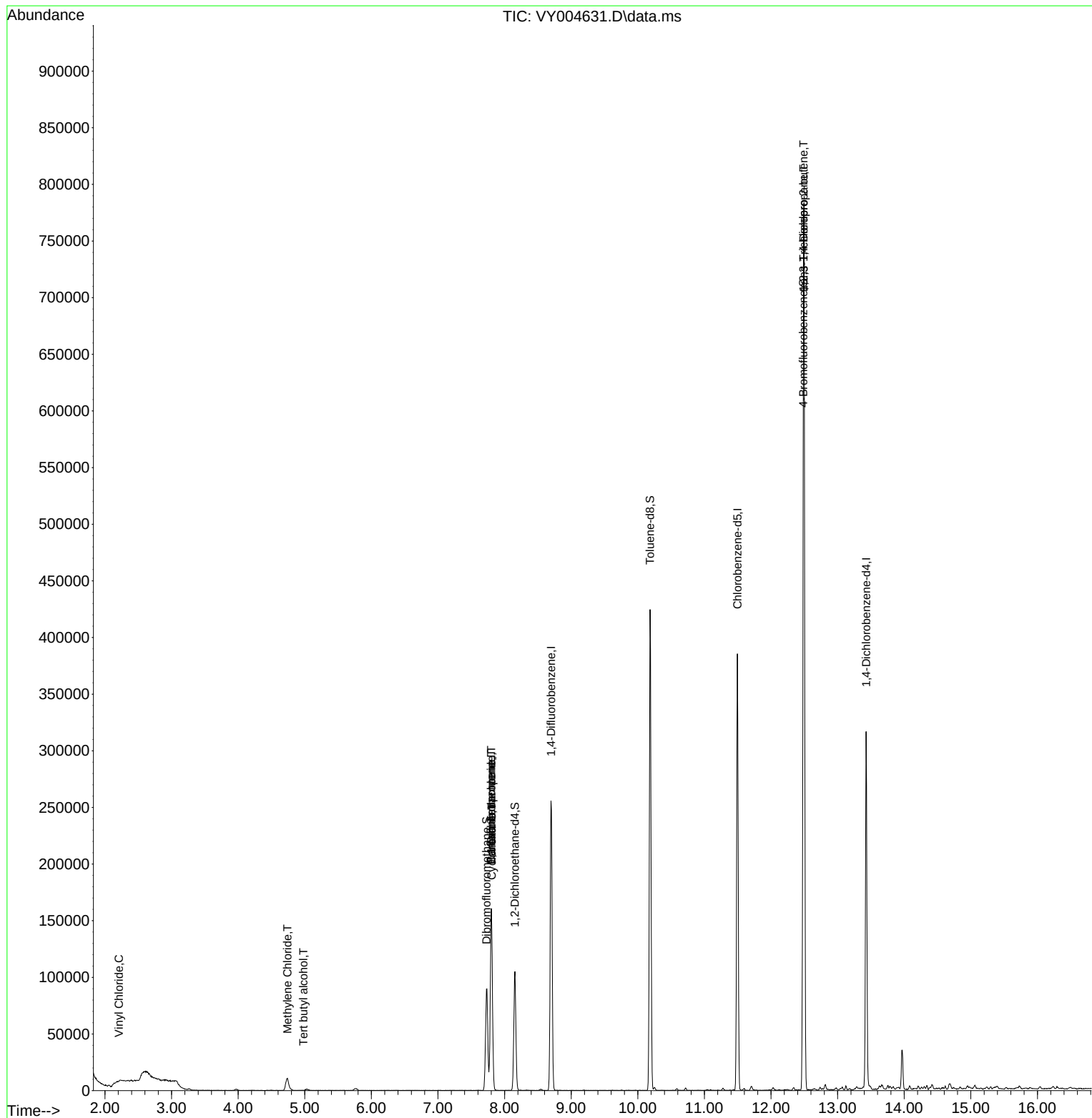
Internal Standards						
1) Pentafluorobenzene	7.801	168	120021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79872	59.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.80%
35) Dibromofluoromethane	7.728	113	62543	53.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.06%
50) Toluene-d8	10.185	98	261209	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.483	95	84077	49.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.76%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.211	62	4084	2.40	ug/l #	43
11) Tert butyl alcohol	4.978	59	240	1.83	ug/l #	73
16) Acetone	3.966	43	2194	Below Cal	#	81
20) Methylene Chloride	4.741	84	7780	6.04	ug/l	94
31) Cyclohexane	7.807	56	3201	1.31	ug/l #	34
36) 1,1-Dichloropropene	7.801	75	10052	4.76	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12487	6.84	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	50779	64.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	50779	116.09	ug/l #	14

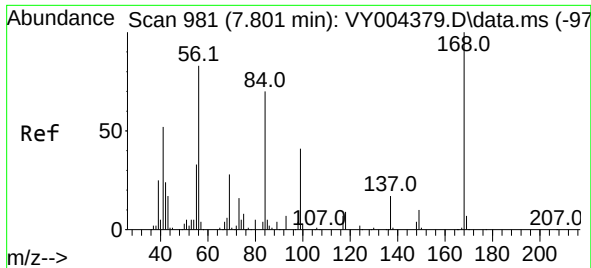
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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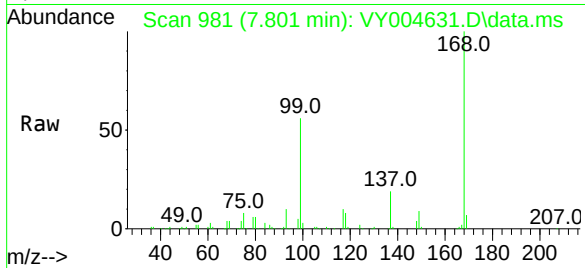
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



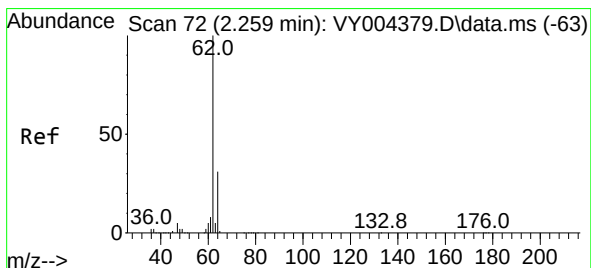
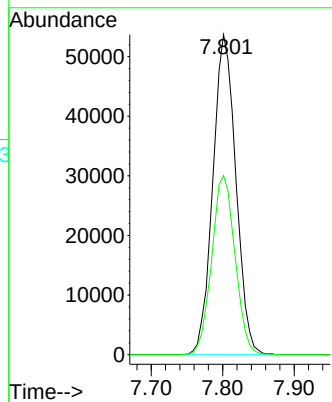
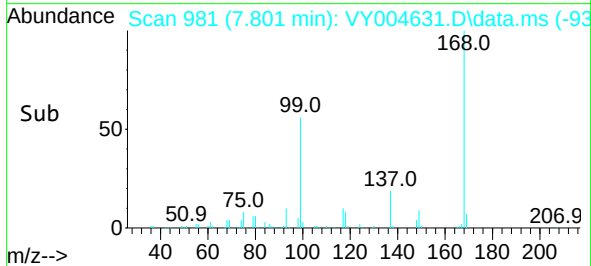


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

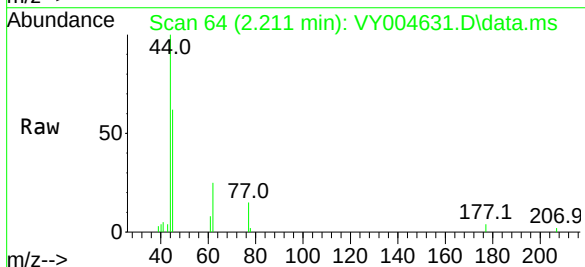
Instrument :
MSVOA_Y
ClientSampleId :



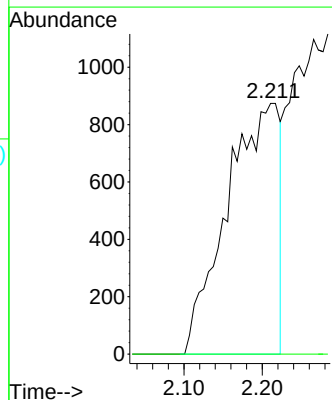
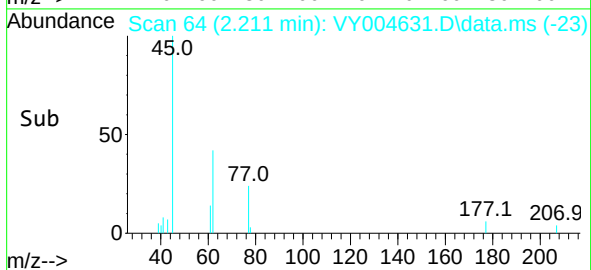
Tgt Ion:168 Resp: 120021
Ion Ratio Lower Upper
168 100
99 56.0 45.5 68.3

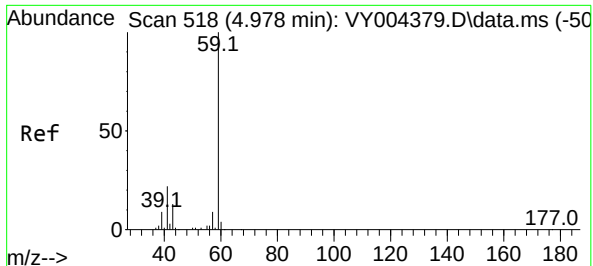


#4
Vinyl Chloride
Concen: 2.40 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.049 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49



Tgt Ion: 62 Resp: 4084
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



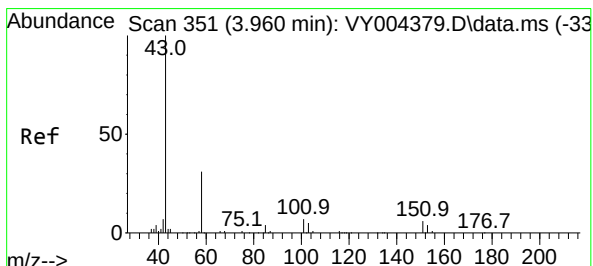
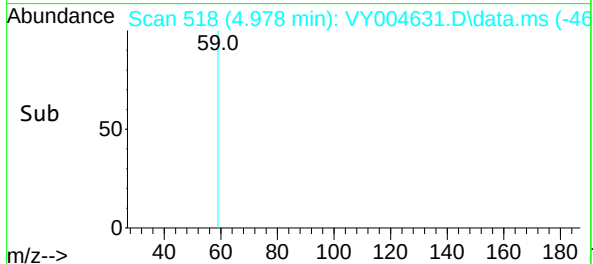
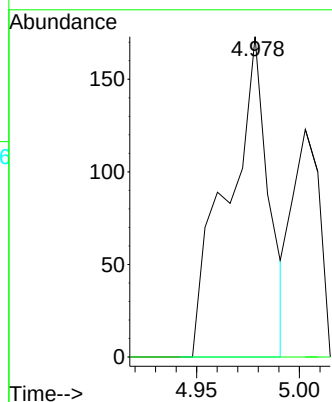
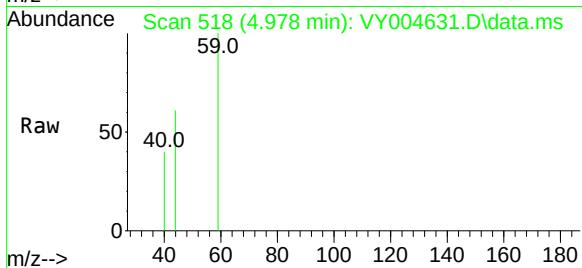


#11

Tert butyl alcohol
Concen: 1.83 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

Instrument :
MSVOA_Y
ClientSampled :

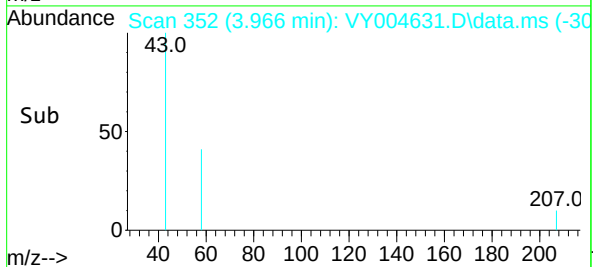
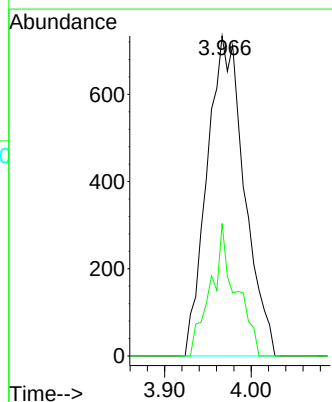
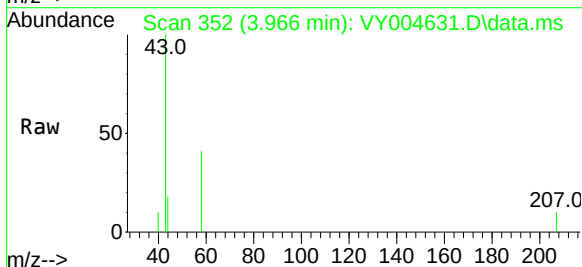
Tgt Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

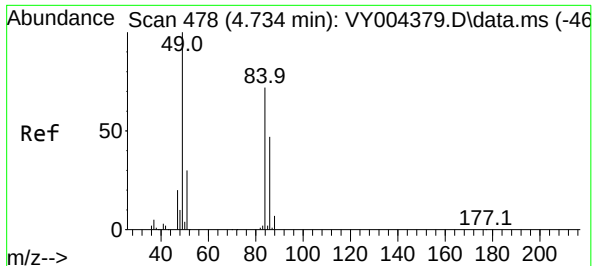


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

Tgt Ion: 43 Resp: 2194
Ion Ratio Lower Upper
43 100
58 41.4 24.6 37.0#





#20

Methylene Chloride

Concen: 6.04 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004631.D

Acq: 26 Apr 2021 15:49

Tgt Ion: 84 Resp: 7780

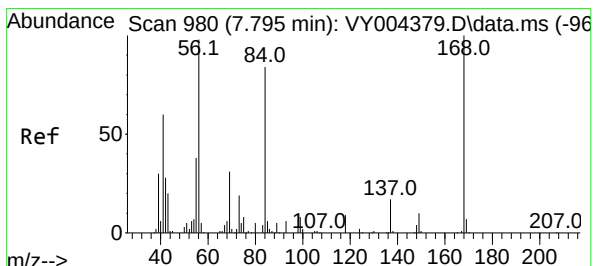
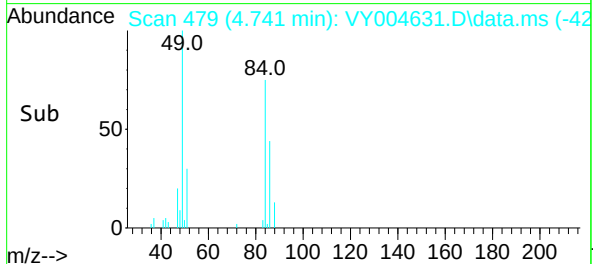
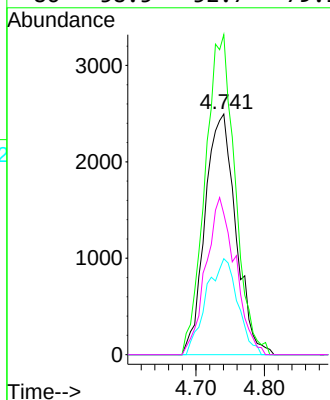
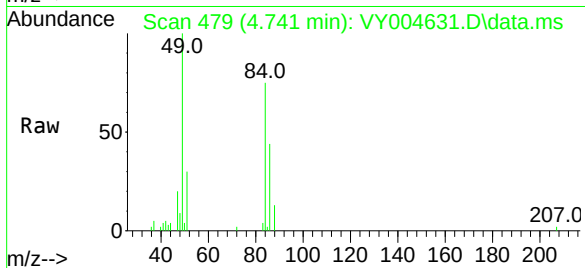
Ion Ratio Lower Upper

84 100

49 133.0 111.2 166.8

51 39.9 33.4 50.2

86 58.5 52.7 79.1



#31

Cyclohexane

Concen: 1.31 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.012 min

Lab File: VY004631.D

Acq: 26 Apr 2021 15:49

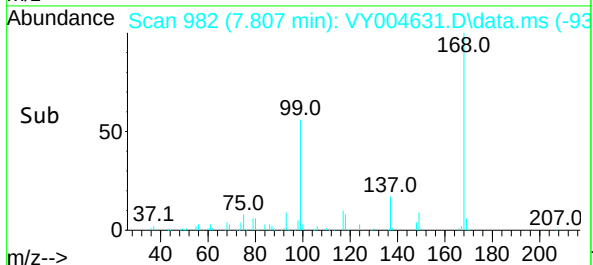
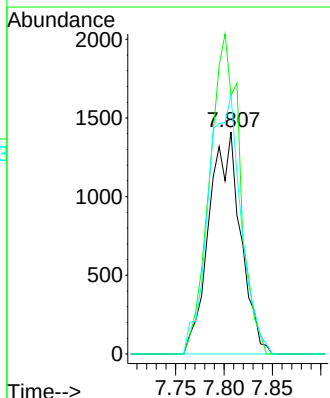
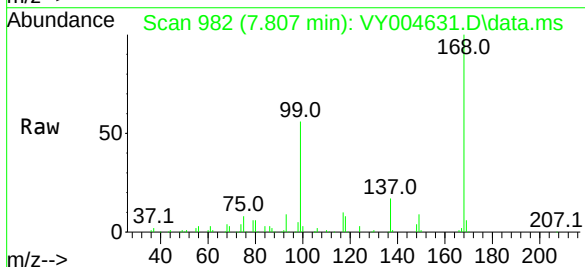
Tgt Ion: 56 Resp: 3201

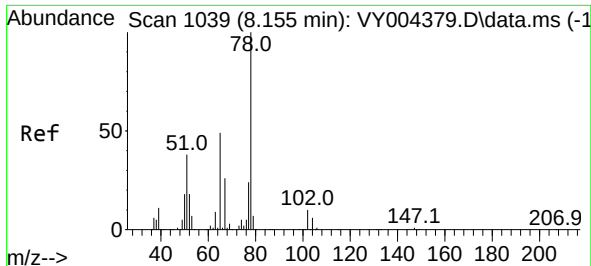
Ion Ratio Lower Upper

56 100

69 116.5 25.8 38.6#

84 116.7 68.2 102.4#

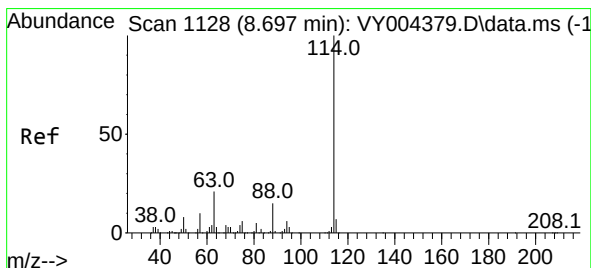
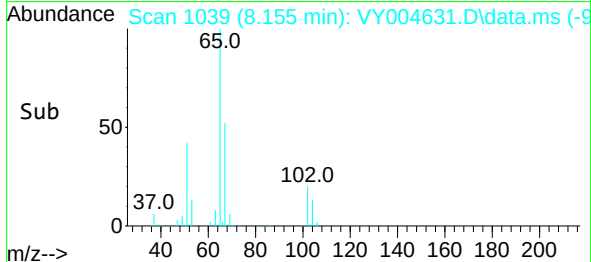
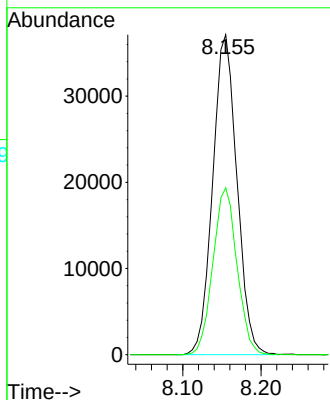
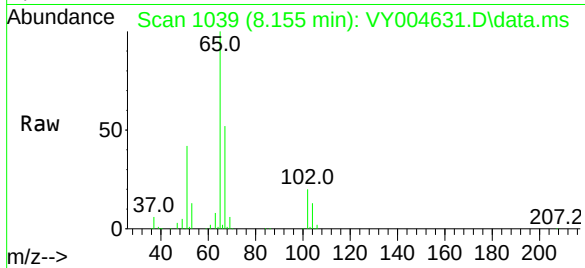




#33
 1,2-Dichloroethane-d4
 Concen: 59.90 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004631.D
 Acq: 26 Apr 2021 15:49

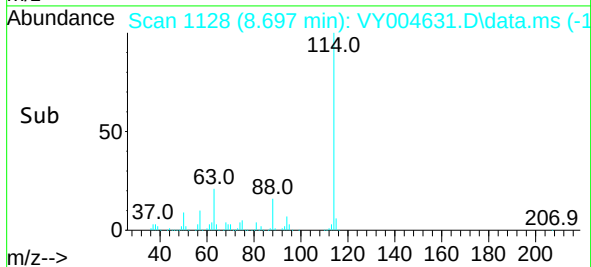
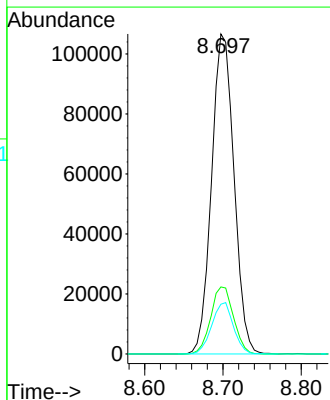
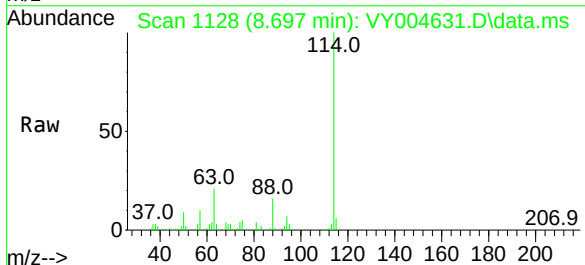
Instrument :
 MSVOA_Y
 ClientSampled :

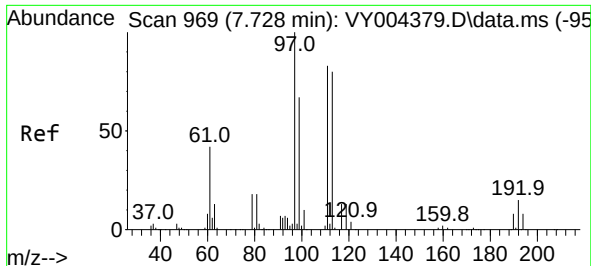
Tgt Ion: 65 Resp: 79872
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004631.D
 Acq: 26 Apr 2021 15:49

Tgt Ion: 114 Resp: 212536
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.6 0.0 30.8

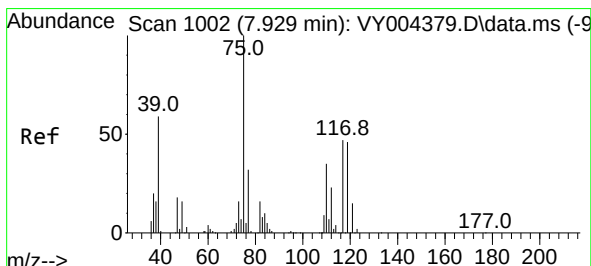
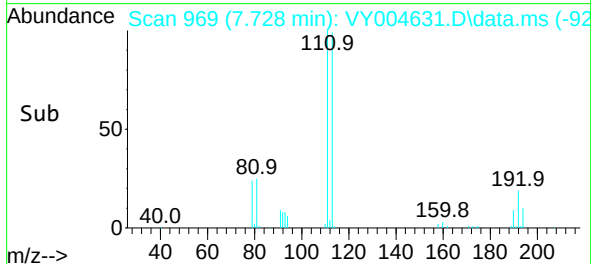
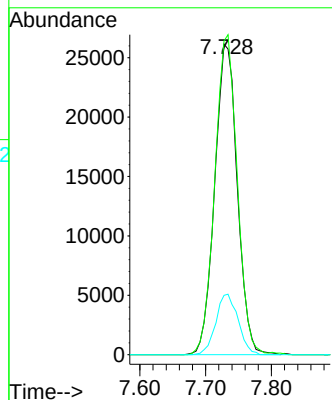
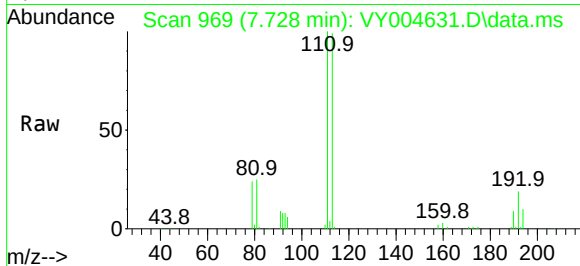




#35
Dibromofluoromethane
Concen: 53.03 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

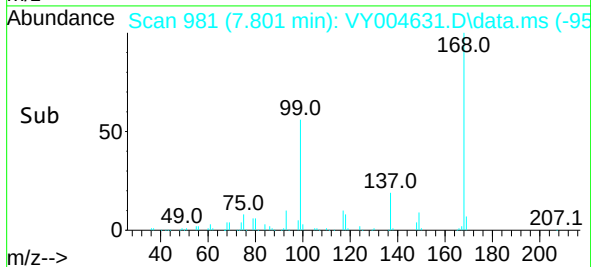
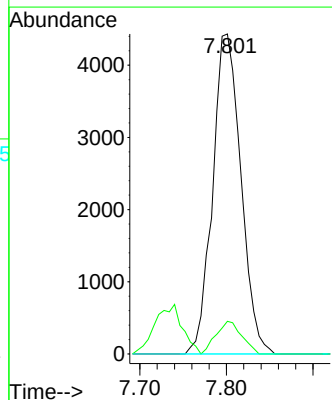
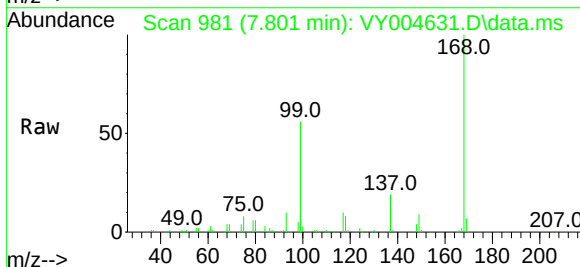
Instrument :
MSVOA_Y
ClientSampleId :

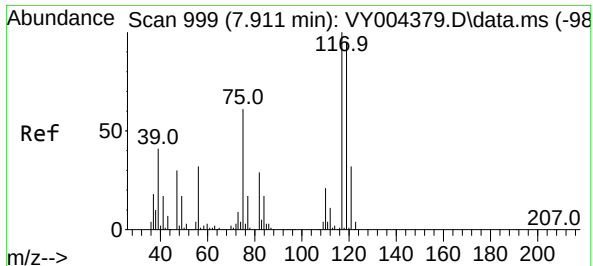
Tgt Ion:	113	Resp:	62543
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	19.2	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

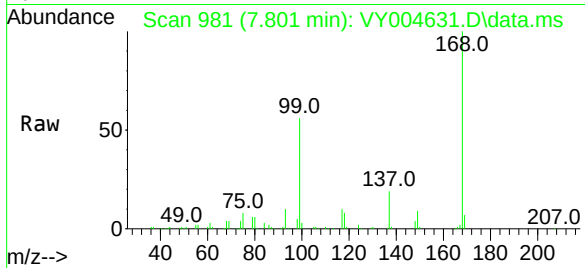
Tgt Ion:	75	Resp:	10052
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	51.7#
77	0.0	24.3	36.5#



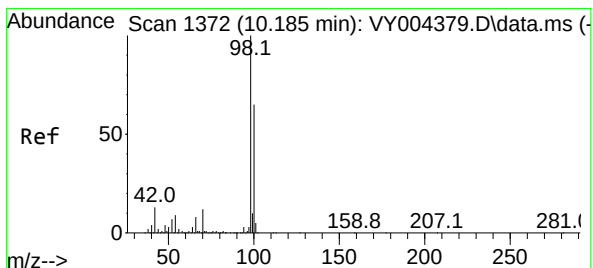
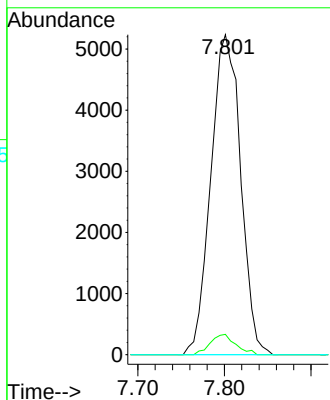
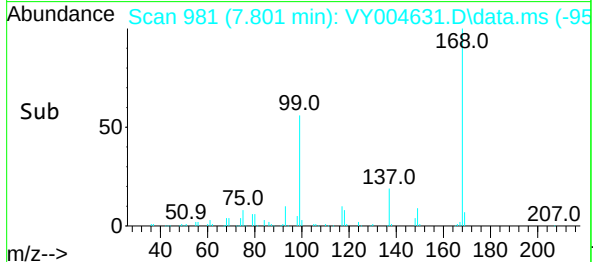


#38
Carbon Tetrachloride
Concen: 6.84 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

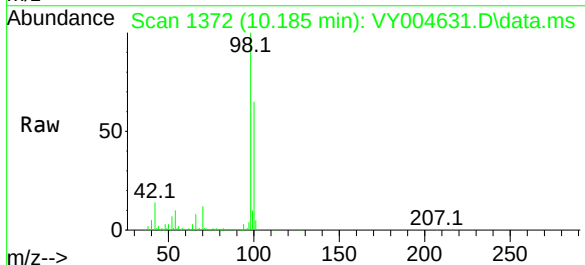
Instrument :
MSVOA_Y
ClientSampled :



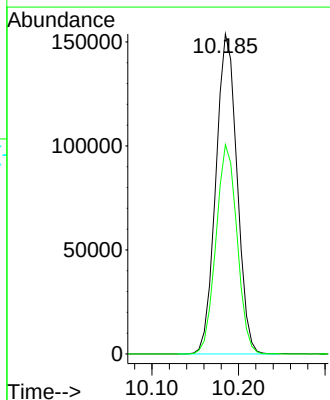
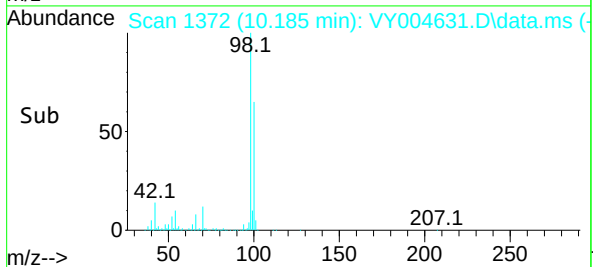
Tgt Ion: 117 Resp: 12487
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 25.3 37.9#

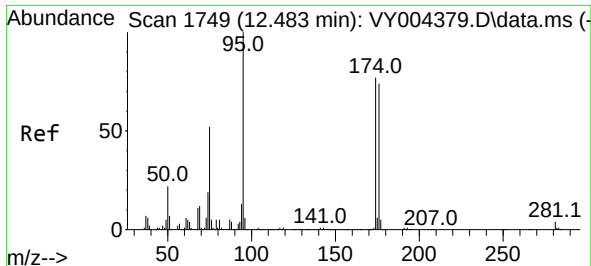


#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49



Tgt Ion: 98 Resp: 261209
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

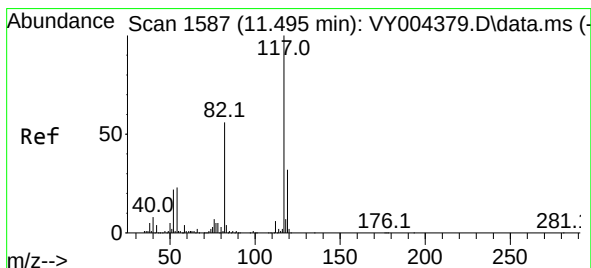
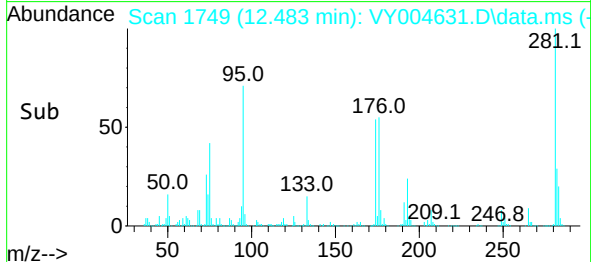
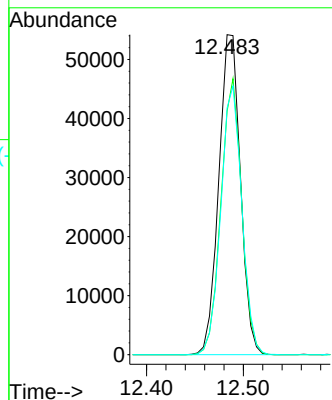
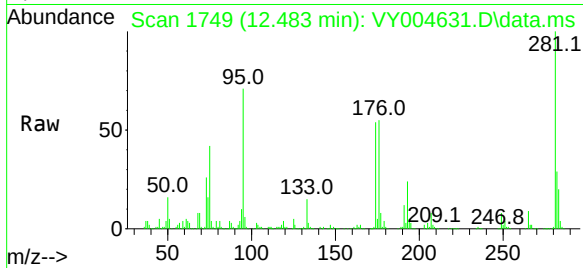




#62
4-Bromofluorobenzene
Concen: 49.38 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

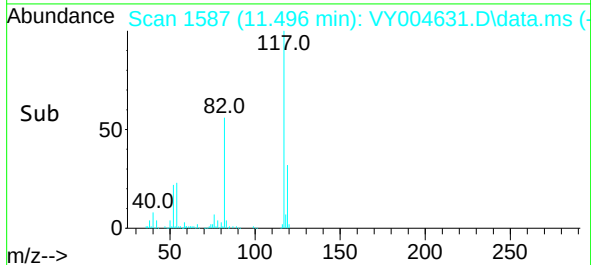
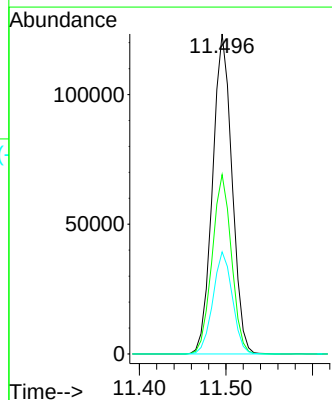
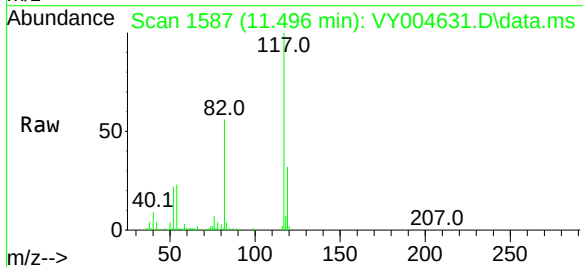
Instrument :
MSVOA_Y
ClientSampleId :

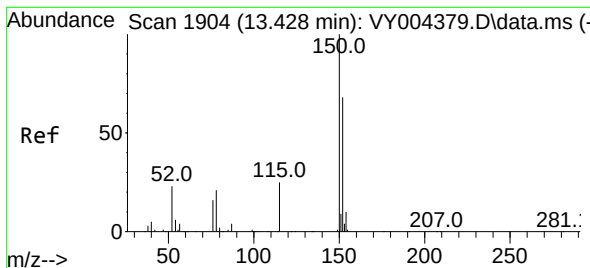
Tgt Ion: 95 Resp: 84077
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 81.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004631.D
Acq: 26 Apr 2021 15:49

Tgt Ion: 117 Resp: 192725
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 31.9 25.4 38.0

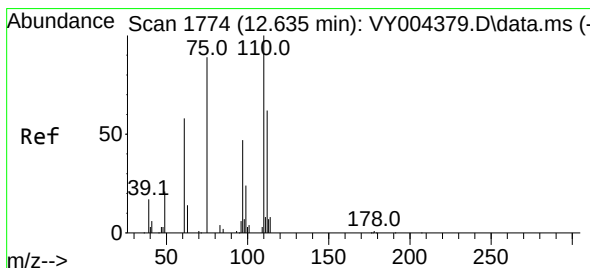
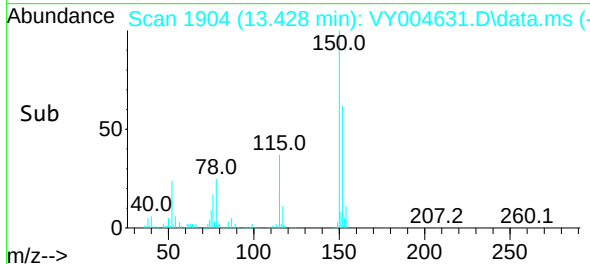
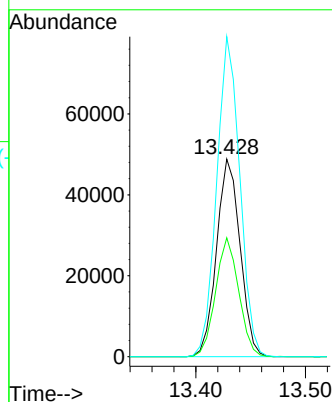
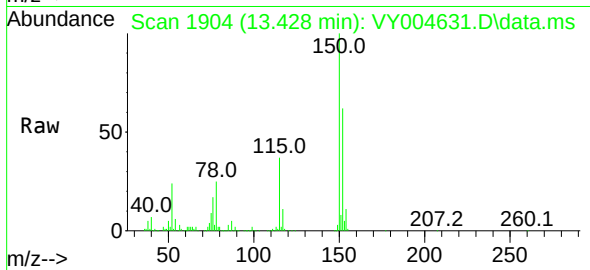




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004631.D
 Acq: 26 Apr 2021 15:49

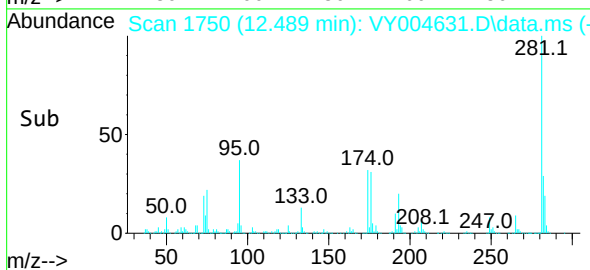
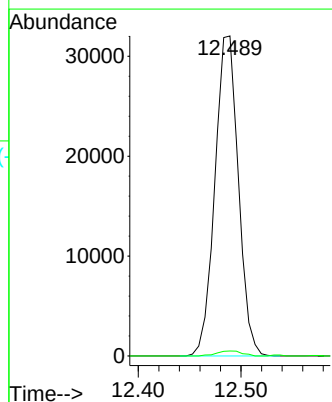
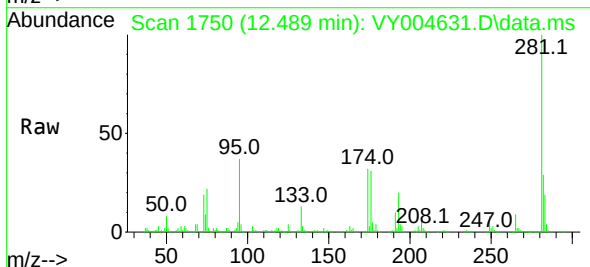
Instrument :
 MSVOA_Y
 ClientSampleId :

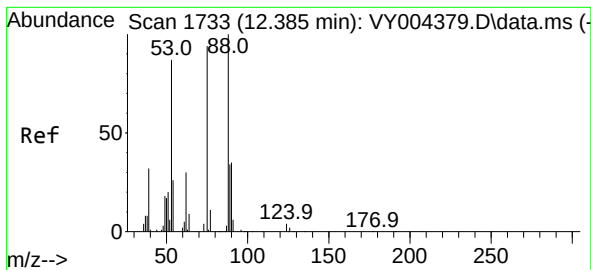
Tgt Ion:152 Resp: 72905
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.6 88.8
 150 159.2 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 64.89 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004631.D
 Acq: 26 Apr 2021 15:49

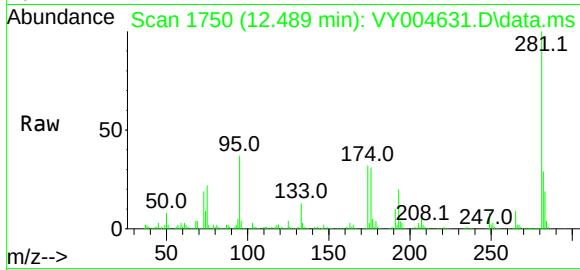
Tgt Ion: 75 Resp: 50779
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.09 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY004631.D
 Acq: 26 Apr 2021 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50779
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 3.5 36.1 54.1#

