

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
 Data File : VY005477.D
 Acq On : 27 Jul 2021 20:06
 Operator : SY/MD
 Sample : M3200-06
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:37:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	79533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	107531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37458	44.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.160%
35) Dibromofluoromethane	7.728	113	34306	48.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.185	98	152095	50.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.483	95	44127	44.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.400%

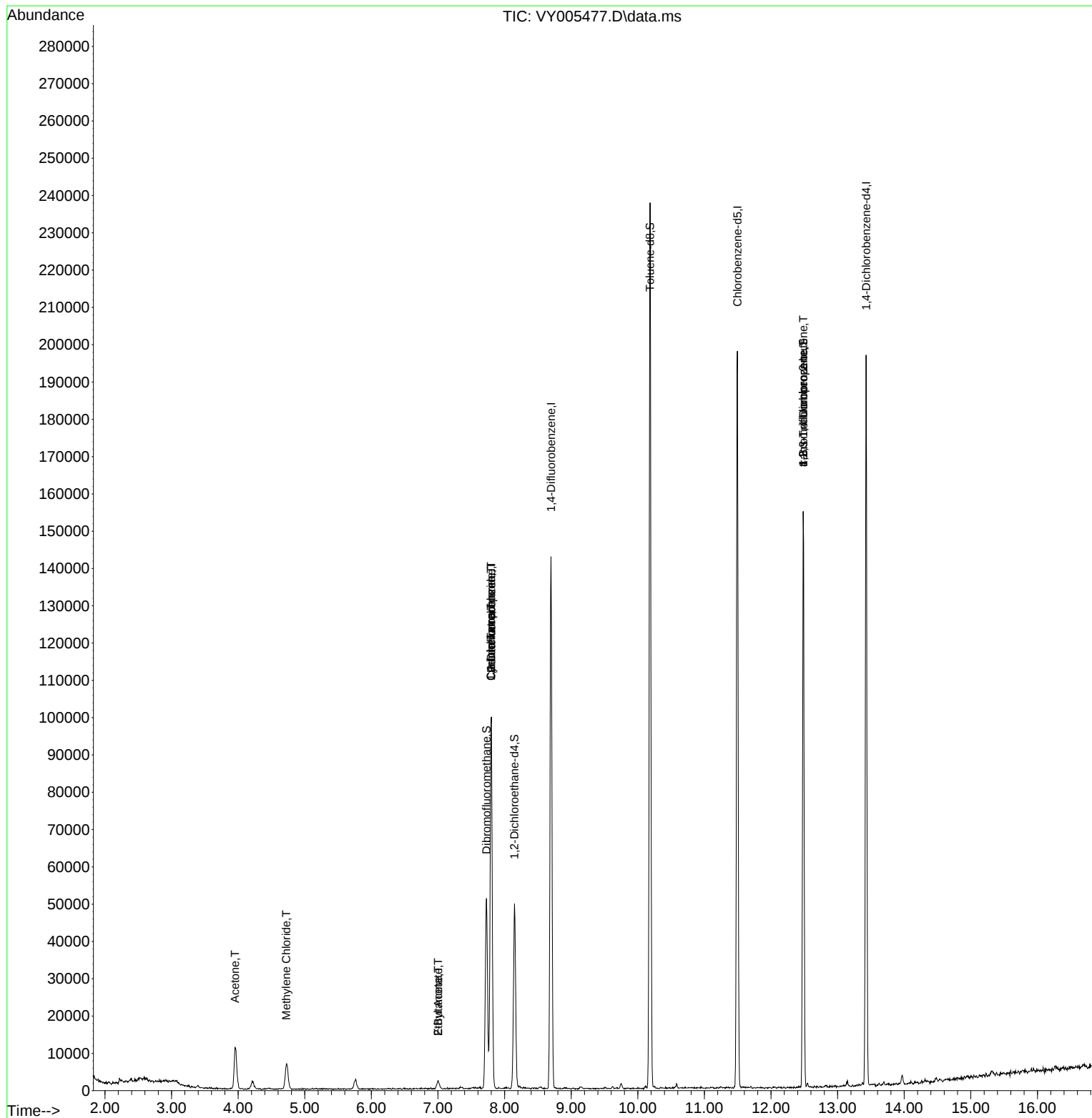
Target Compounds					Qvalue	
16) Acetone	3.954	43	19622	101.122	ug/l	96
20) Methylene Chloride	4.722	84	5115	3.501	ug/l #	90
25) 2-Butanone	7.003	43	3722	12.809	ug/l	92
31) Cyclohexane	7.795	56	1547	1.066	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	5642	4.774	ug/l #	46
37) Ethyl Acetate	7.003	43	3722	5.174	ug/l #	70
38) Carbon Tetrachloride	7.795	117	7444	5.764	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	23907	47.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23907	92.918	ug/l #	11

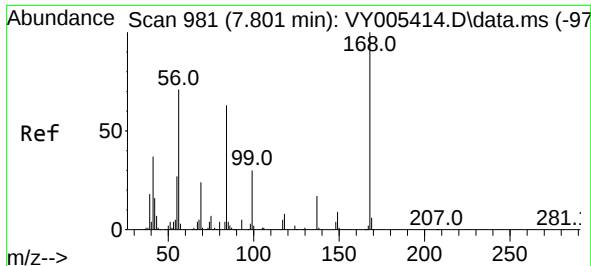
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072721\
Data File : VY005477.D
Acq On : 27 Jul 2021 20:06
Operator : SY/MD
Sample : M3200-06
Misc : 5.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 28 02:37:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration

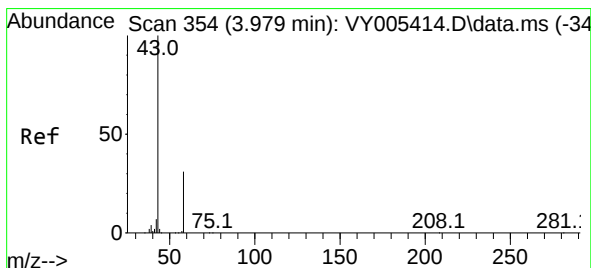
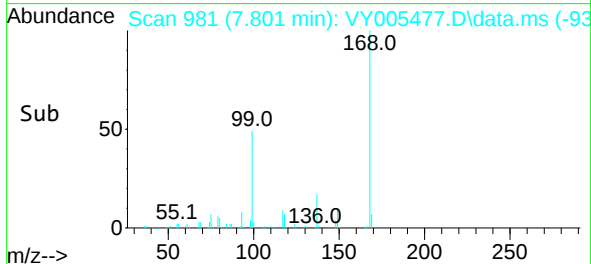
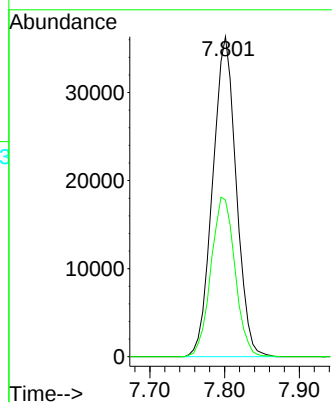
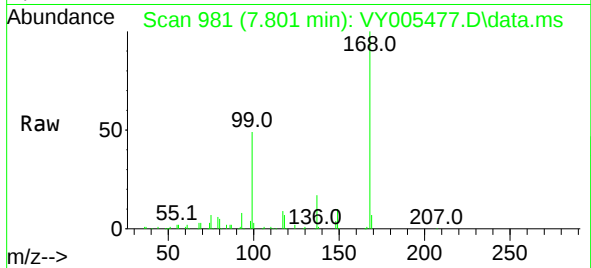




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

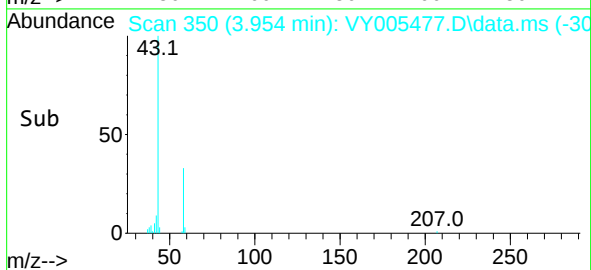
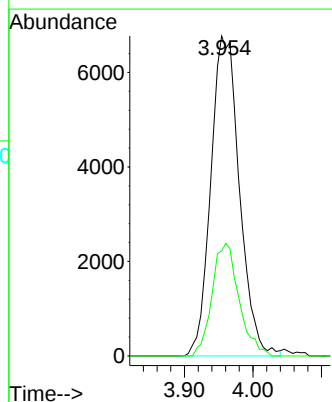
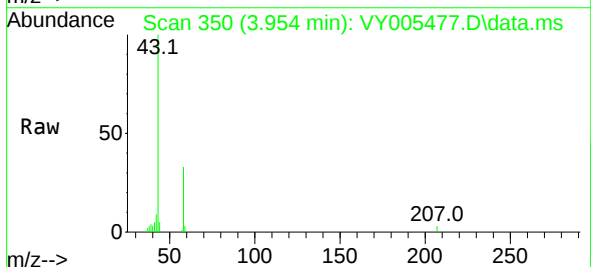
Instrument :
MSVOA_Y
ClientSampled :

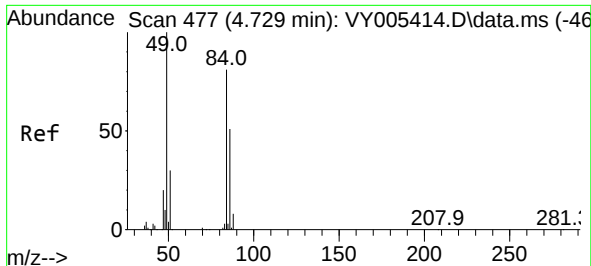
Tgt Ion:168 Resp: 79533
Ion Ratio Lower Upper
168 100
99 48.9 39.8 59.6



#16
Acetone
Concen: 101.122 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

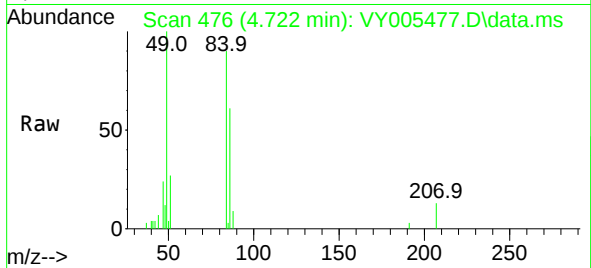
Tgt Ion: 43 Resp: 19622
Ion Ratio Lower Upper
43 100
58 32.8 24.5 36.7





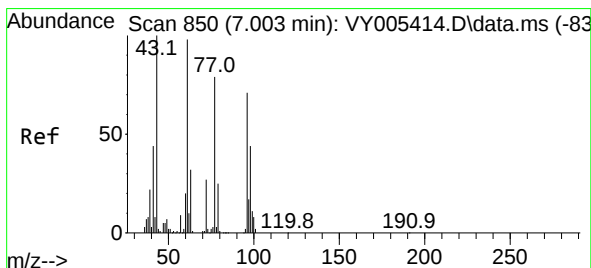
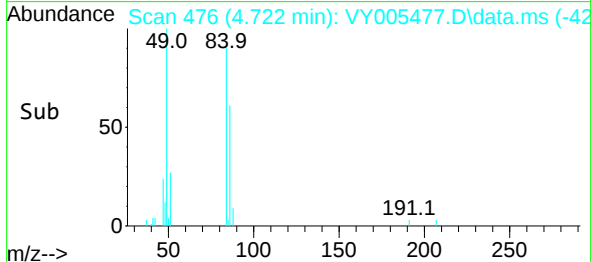
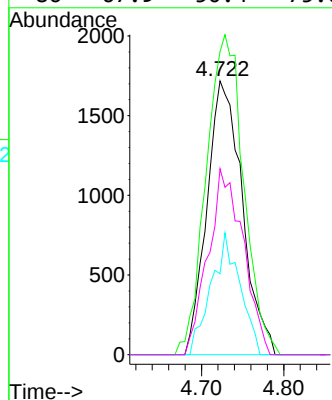
#20
Methylene Chloride
Concen: 3.501 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5115

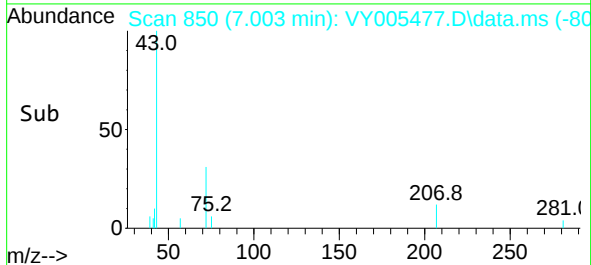
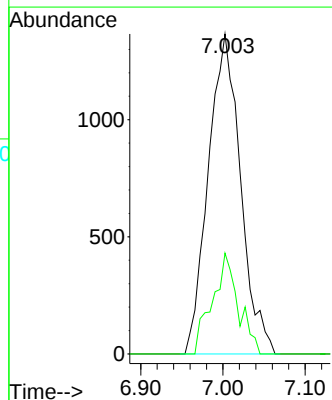
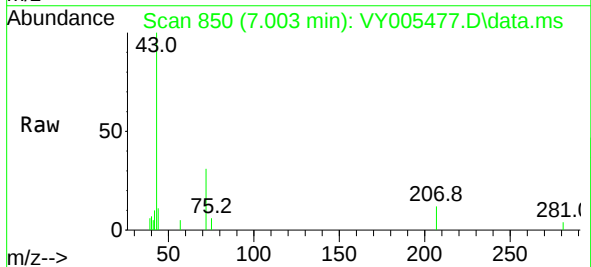
Ion	Ratio	Lower	Upper
84	100		
49	110.7	98.9	148.3
51	29.6	30.0	45.0#
86	67.9	50.4	75.6

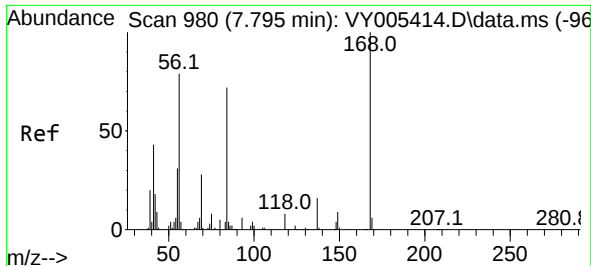


#25
2-Butanone
Concen: 12.809 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion: 43 Resp: 3722

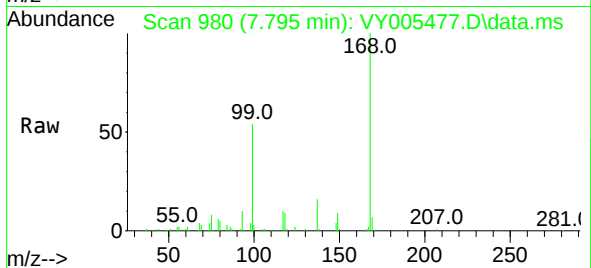
Ion	Ratio	Lower	Upper
43	100		
72	31.5	21.9	32.9



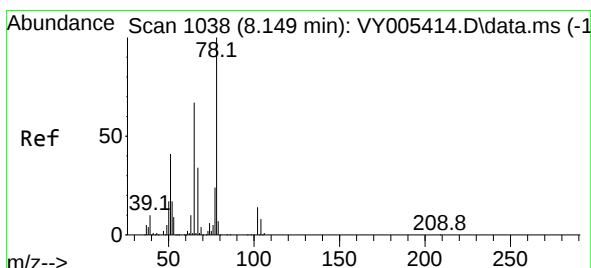
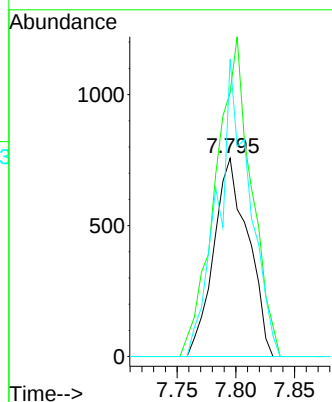
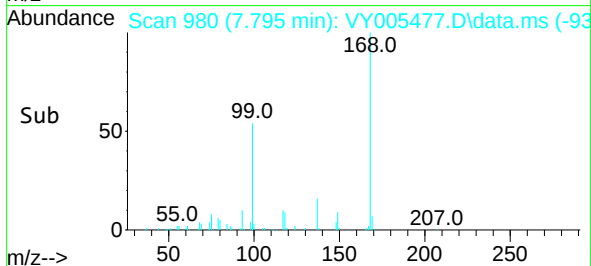


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

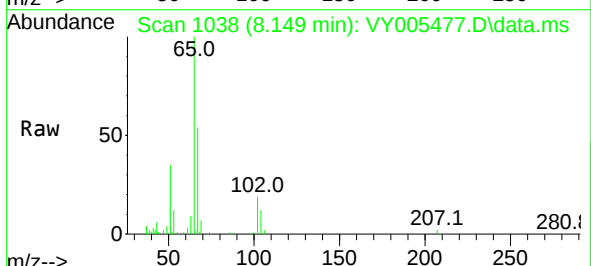
Instrument :
MSVOA_Y
ClientSampleId :



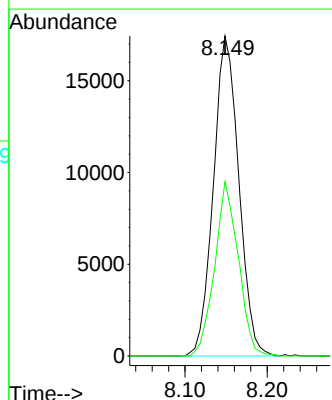
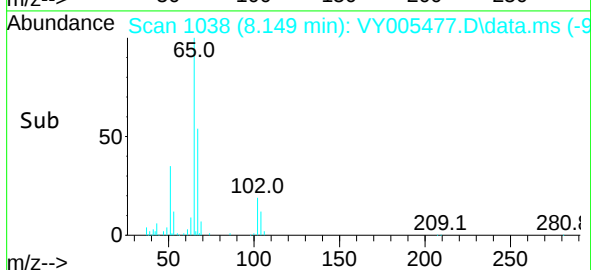
Tgt Ion: 56 Resp: 1547
Ion Ratio Lower Upper
56 100
69 133.2 28.7 43.1#
84 149.9 73.0 109.6#

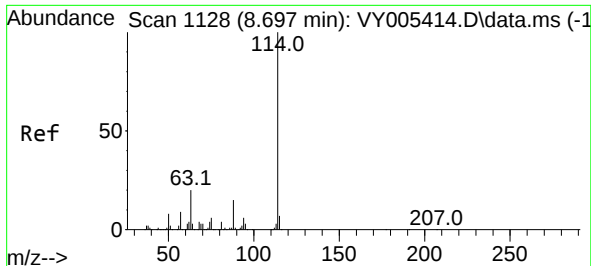


#33
1,2-Dichloroethane-d4
Concen: 44.085 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06



Tgt Ion: 65 Resp: 37458
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2

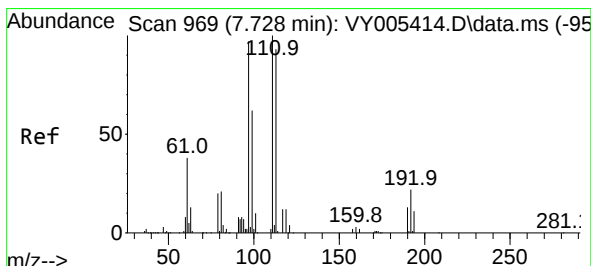
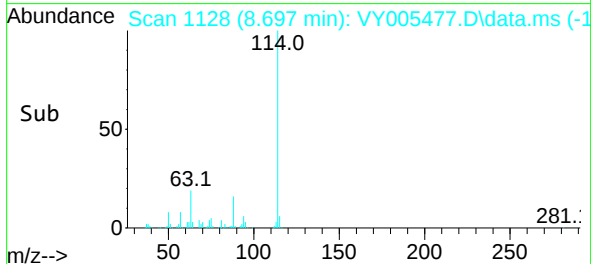
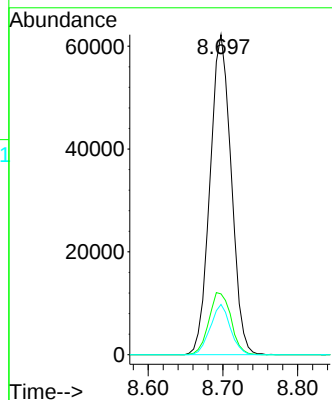
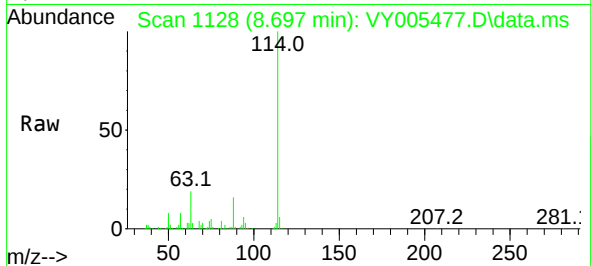




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

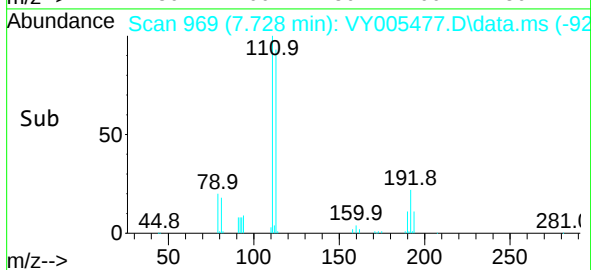
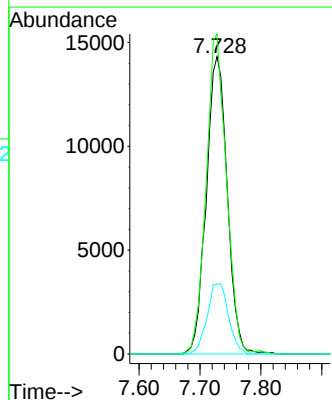
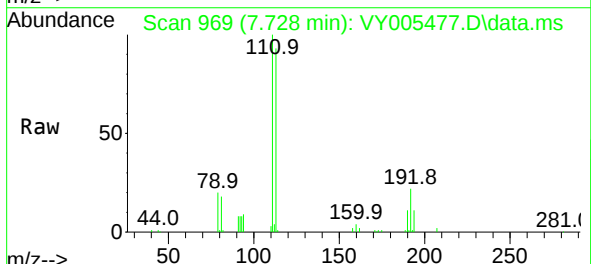
Instrument :
MSVOA_Y
ClientSampleId :

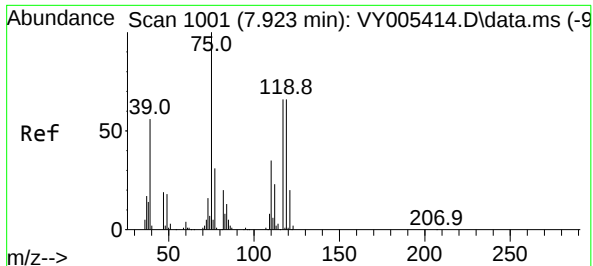
Tgt Ion:114 Resp: 122226
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.0
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 48.610 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion:113 Resp: 34306
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 24.1 18.9 28.3

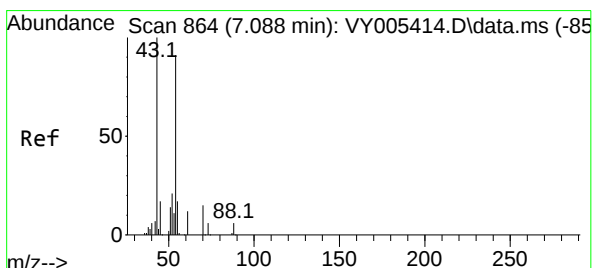
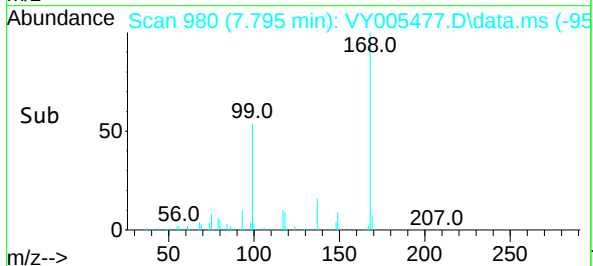
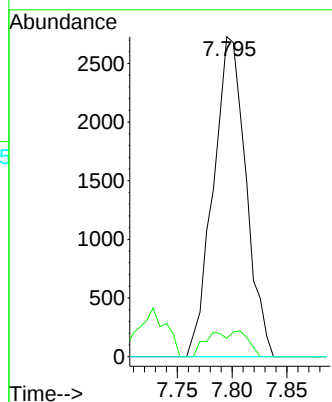
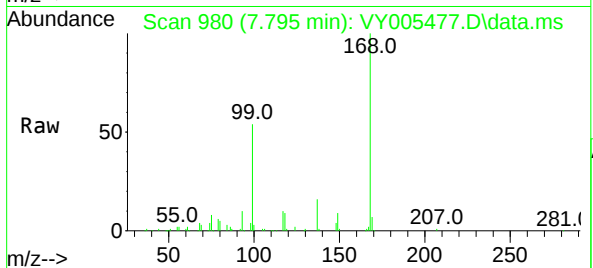




#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

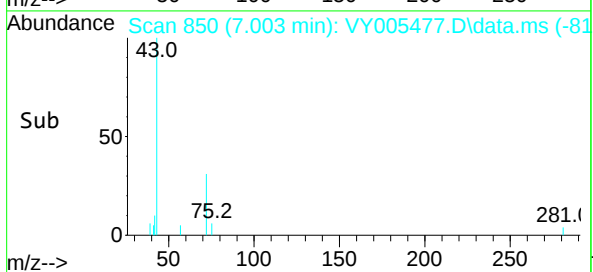
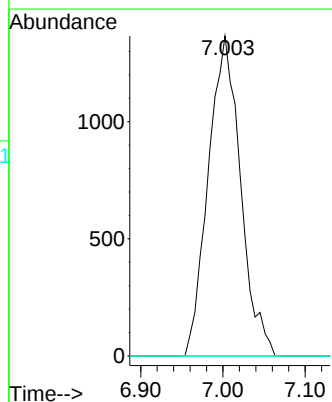
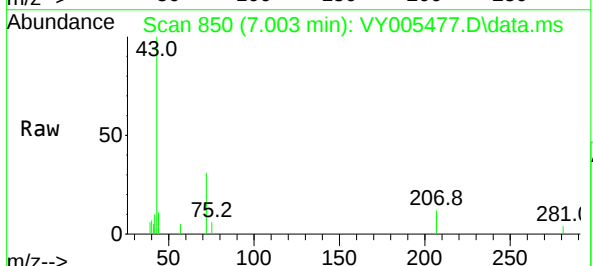
Instrument :
MSVOA_Y
ClientSampleId :

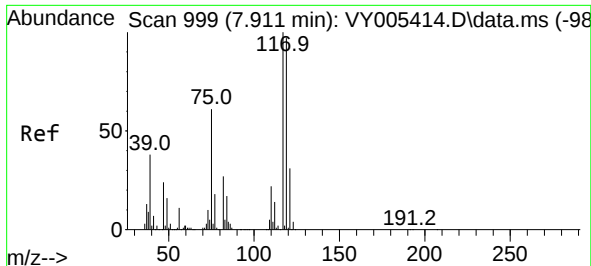
Tgt Ion: 75 Resp: 5642
Ion Ratio Lower Upper
75 100
110 5.3 17.6 52.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 5.174 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion: 43 Resp: 3722
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 7.9 11.9#

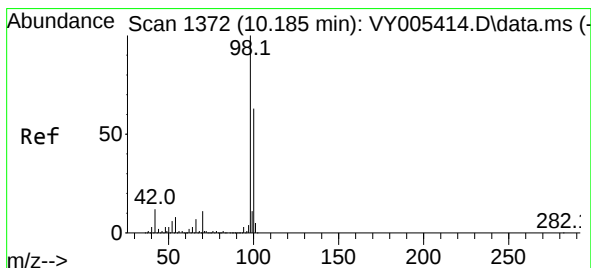
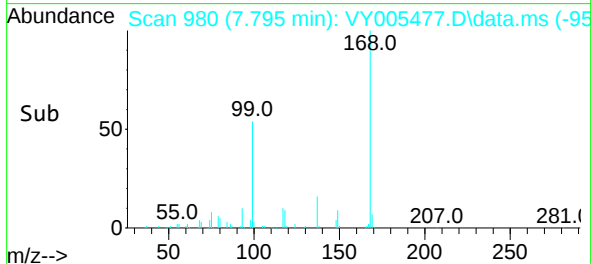
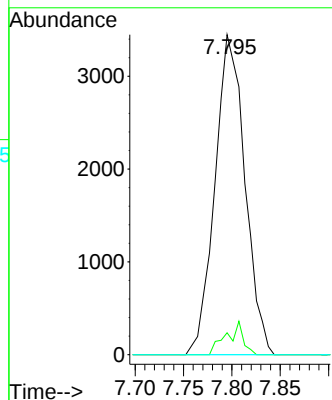
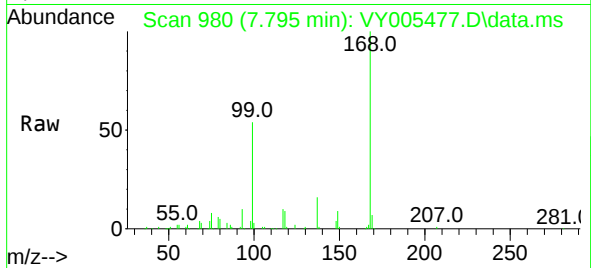




#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

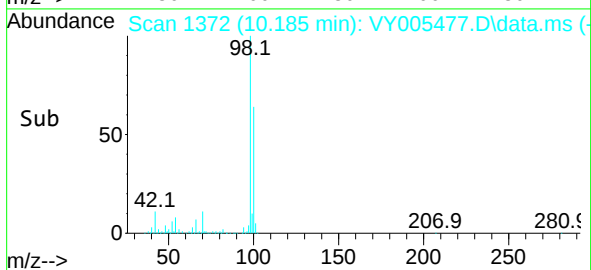
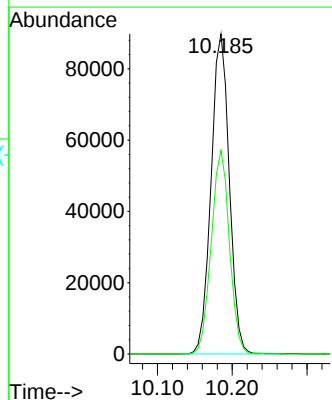
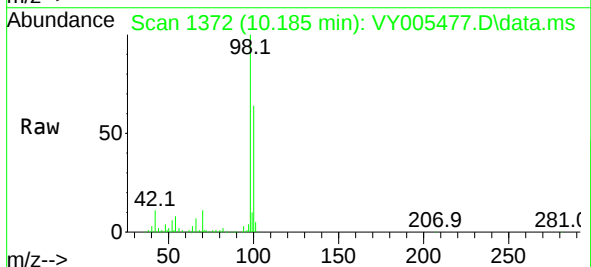
Instrument :
MSVOA_Y
ClientSampleId :

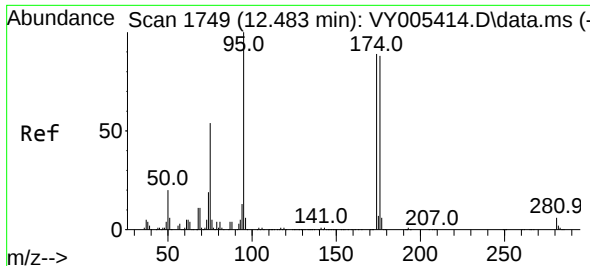
Tgt Ion:117 Resp: 7444
Ion Ratio Lower Upper
117 100
119 6.8 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.847 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion: 98 Resp: 152095
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

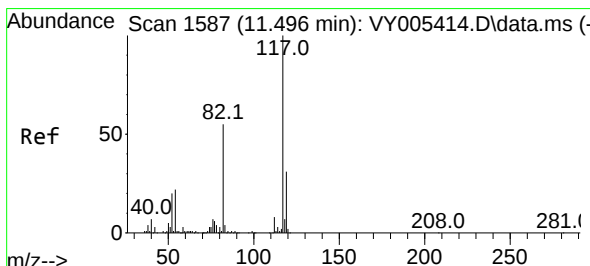
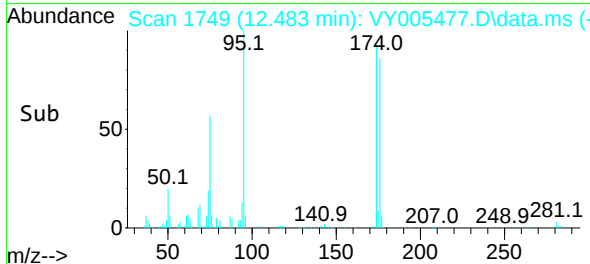
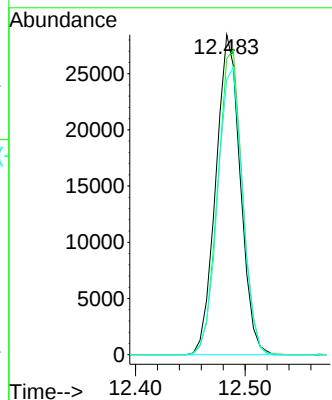
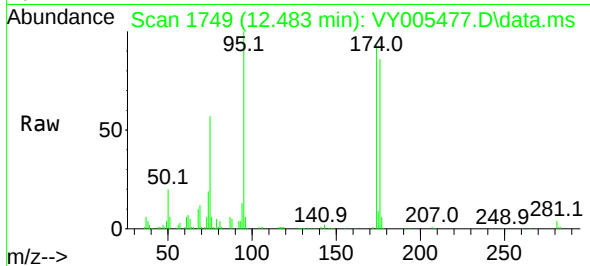




#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

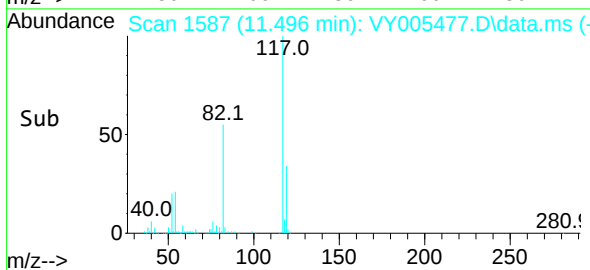
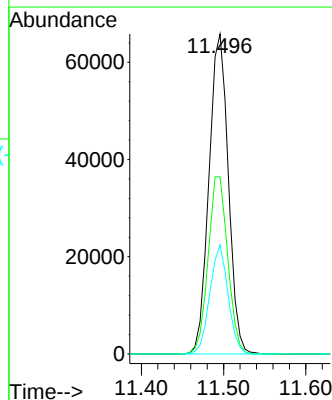
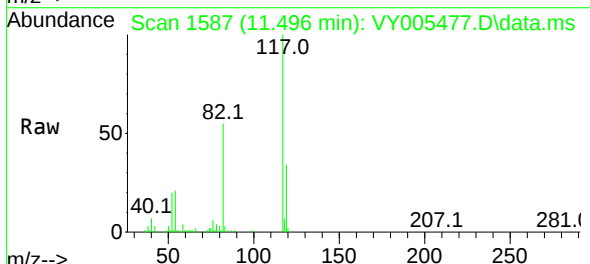
Instrument :
MSVOA_Y
ClientSampleId :

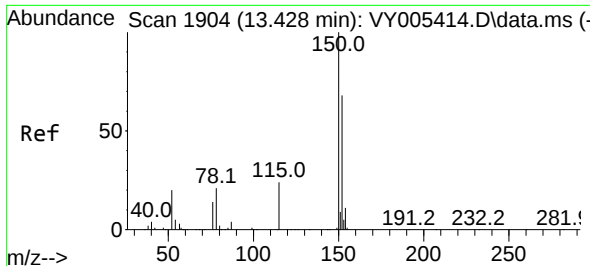
Tgt Ion:	95	Resp:	44127
Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	186.6
176	91.9	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005477.D
Acq: 27 Jul 2021 20:06

Tgt Ion:	117	Resp:	107531
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.8	65.6
119	34.1	24.8	37.2

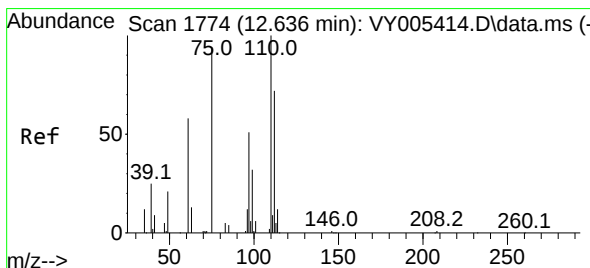
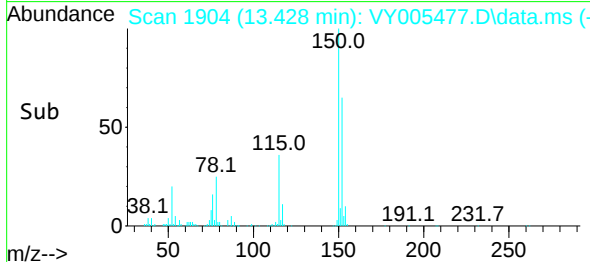
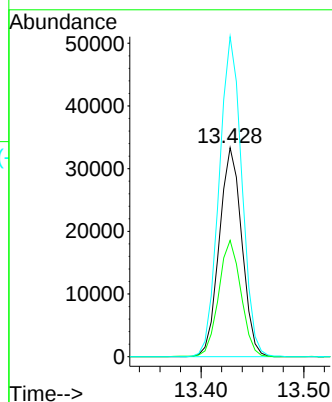
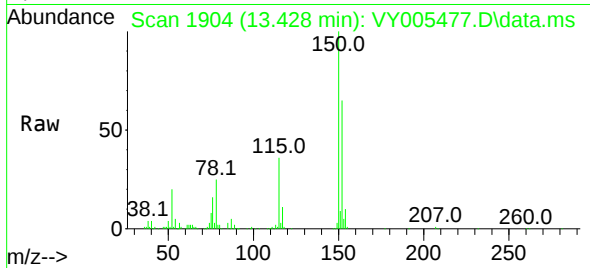




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005477.D
 Acq: 27 Jul 2021 20:06

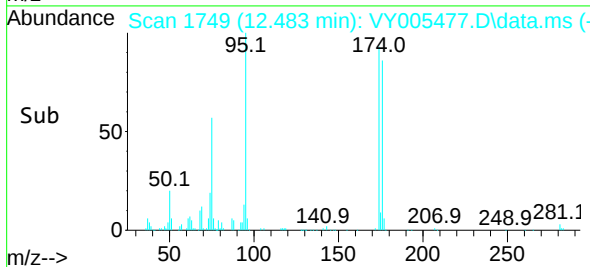
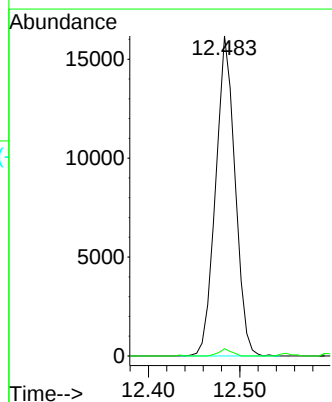
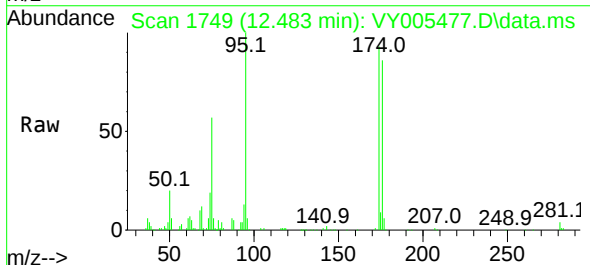
Instrument :
 MSVOA_Y
 ClientSampleId :

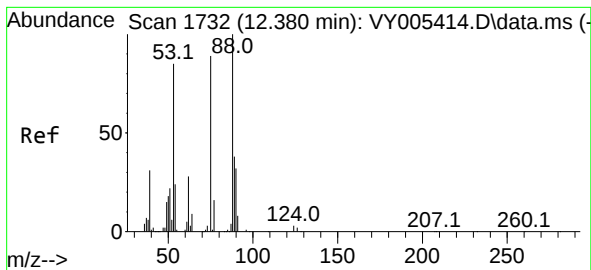
Tgt Ion:152 Resp: 50772
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.7 83.1
 150 154.5 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 47.854 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005477.D
 Acq: 27 Jul 2021 20:06

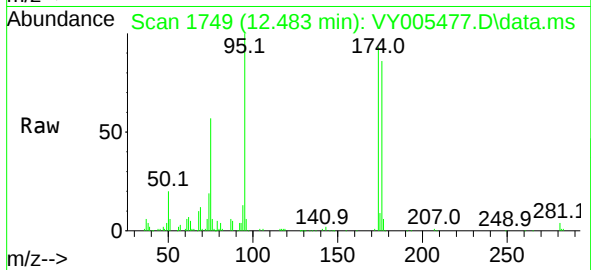
Tgt Ion: 75 Resp: 23907
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.918 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005477.D
 Acq: 27 Jul 2021 20:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.9	55.3#

