

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007206.D
 Acq On : 18 Jan 2022 13:12
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 00:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

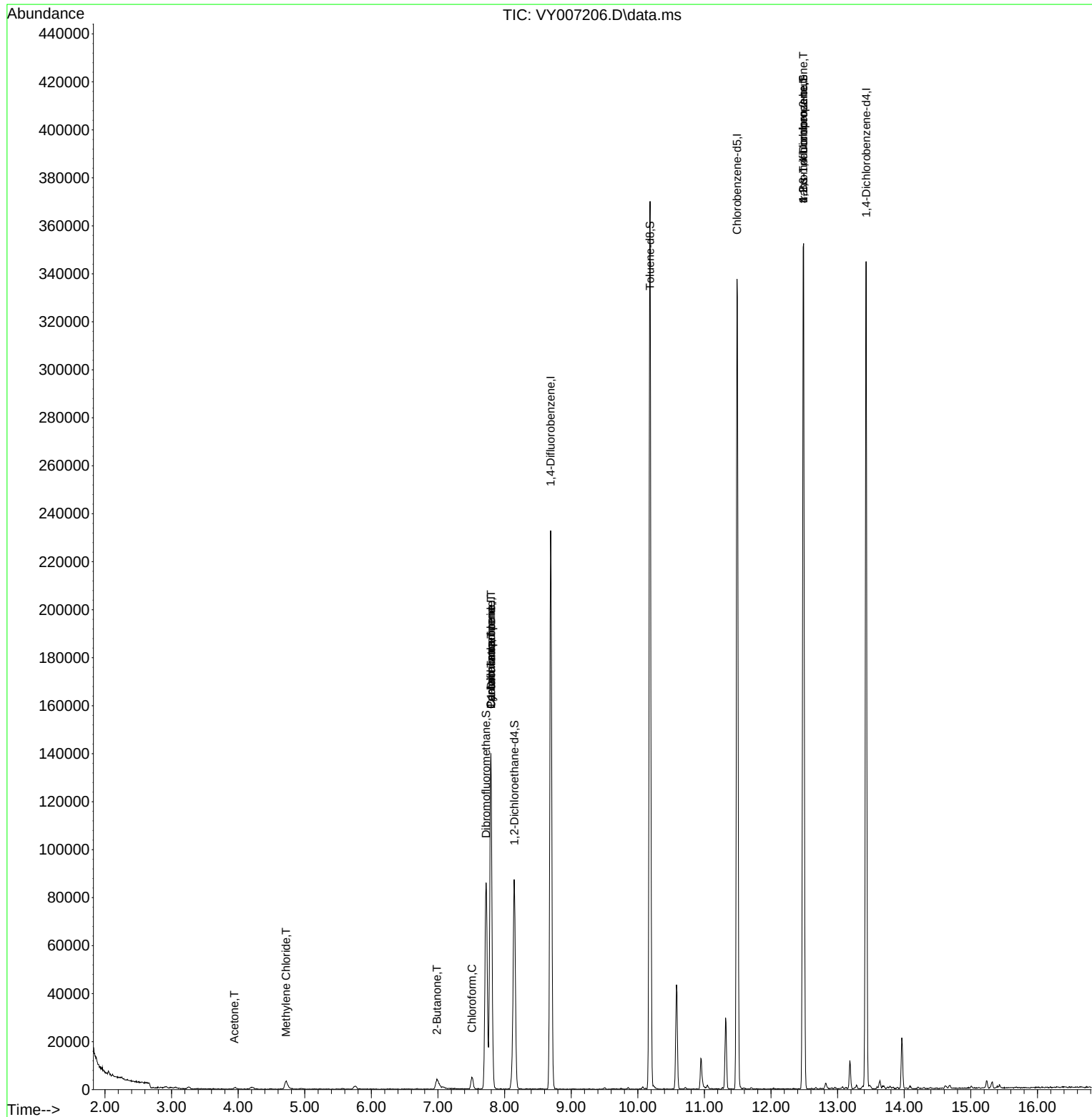
Internal Standards						
1) Pentafluorobenzene	7.795	168	103988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68354	53.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.140%	
35) Dibromofluoromethane	7.722	113	64130	48.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.660%	
50) Toluene-d8	10.185	98	243369	50.195	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.483	95	87416	50.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.380%	
Target Compounds						
11) Tert butyl alcohol	4.948	59	419	Below Cal	#	73
16) Acetone	3.942	43	1429	4.315	ug/l #	45
20) Methylene Chloride	4.716	84	2474	1.807	ug/l #	80
25) 2-Butanone	6.984	43	480	1.121	ug/l #	47
30) Chloroform	7.509	83	5073	2.100	ug/l	95
31) Cyclohexane	7.795	56	2601	1.206	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	9379	4.426	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11785	5.287	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49228	53.993	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49228	98.847	ug/l #	3

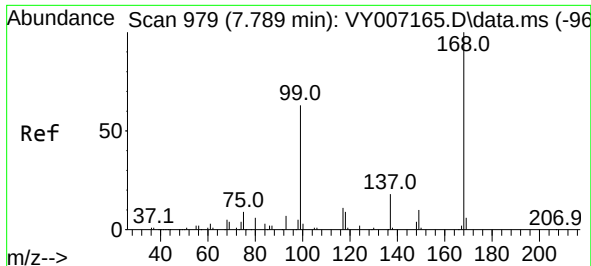
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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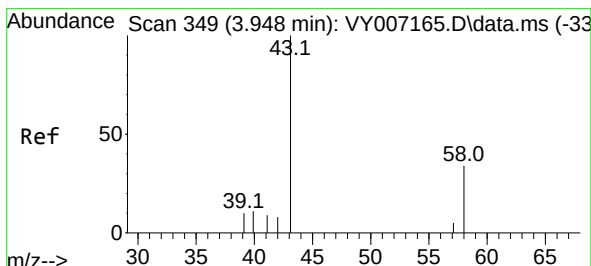
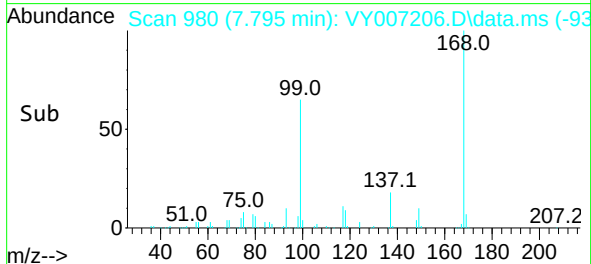
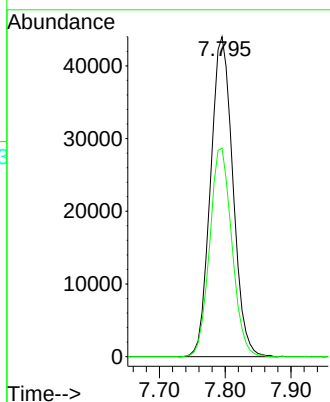
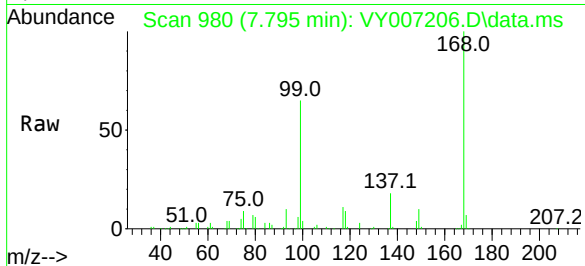




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

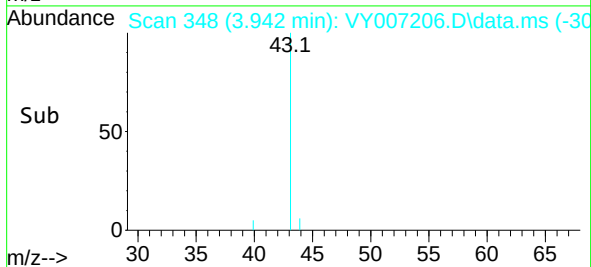
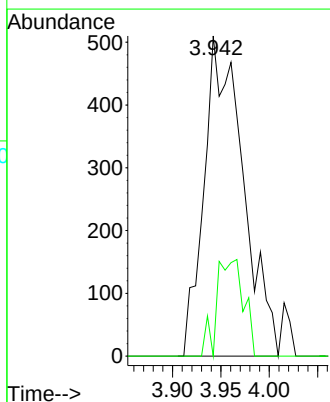
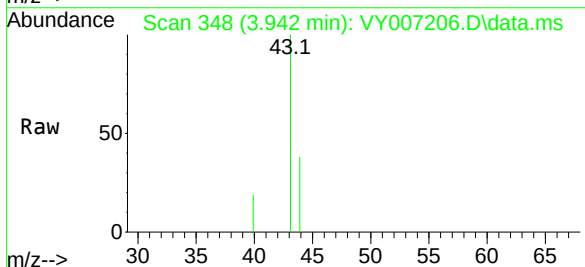
Instrument :
MSVOA_Y
ClientSampleId :

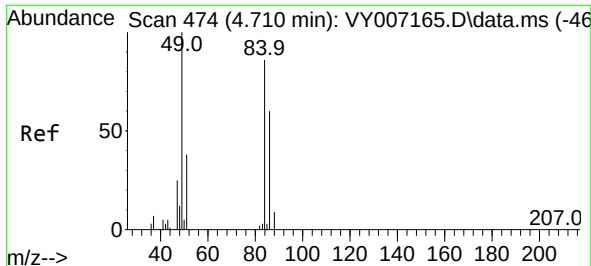
Tgt Ion:168 Resp: 103988
Ion Ratio Lower Upper
168 100
99 65.2 49.1 73.7



#16
Acetone
Concen: 4.315 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

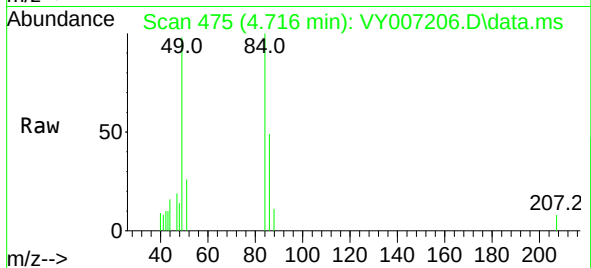
Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#





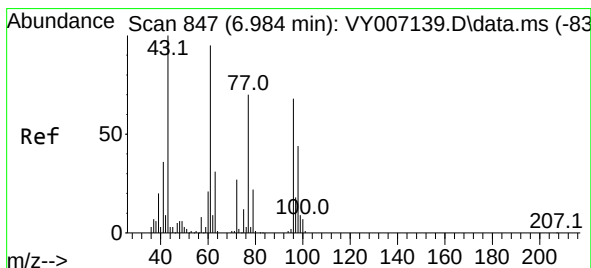
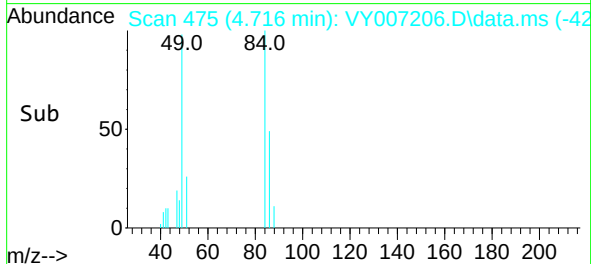
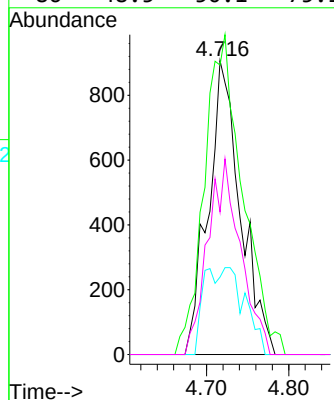
#20
Methylene Chloride
Concen: 1.807 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2474

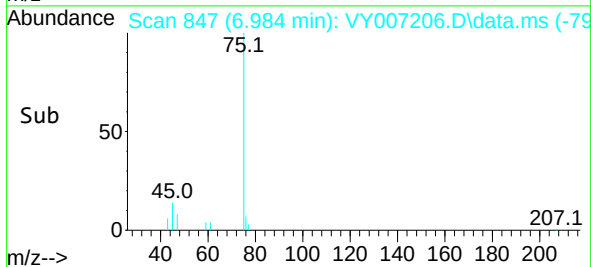
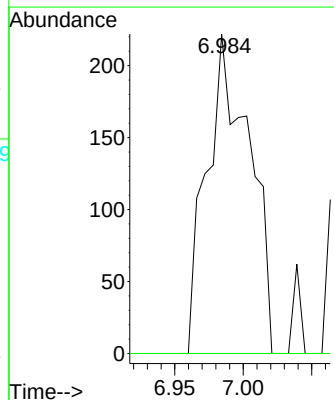
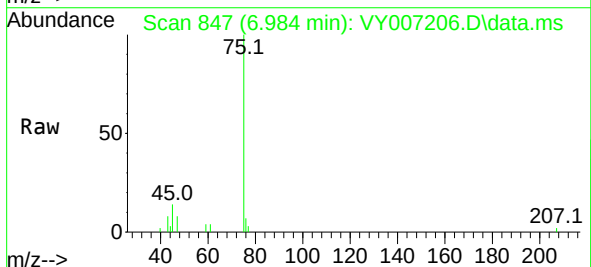
Ion	Ratio	Lower	Upper
84	100		
49	92.3	92.6	139.0#
51	26.4	28.6	42.8#
86	48.5	50.1	75.1#

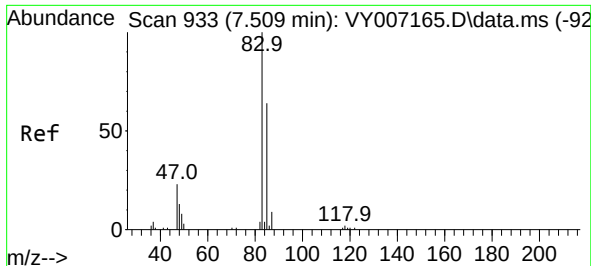


#25
2-Butanone
Concen: 1.121 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

Tgt Ion: 43 Resp: 480

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9#

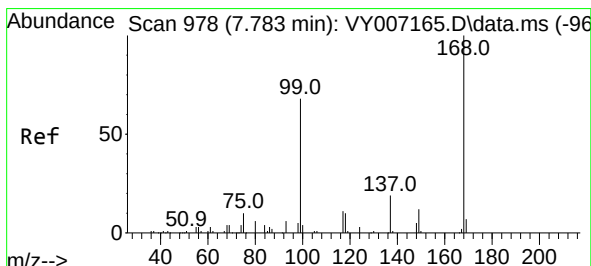
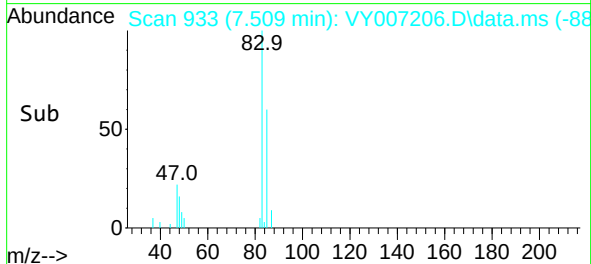
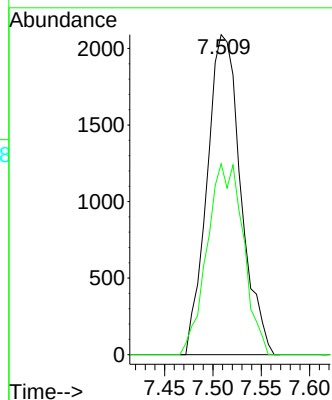
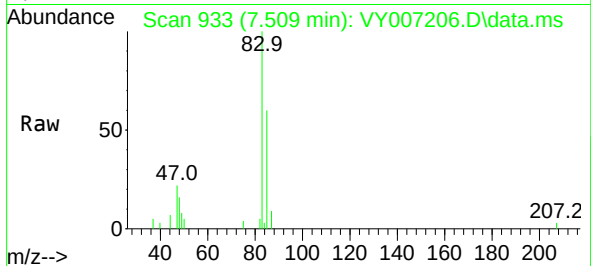




#30
Chloroform
Concen: 2.100 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

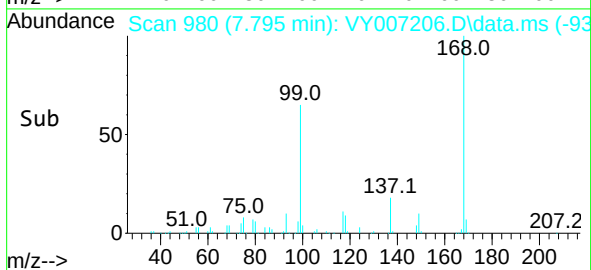
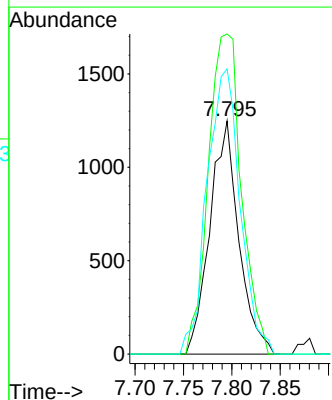
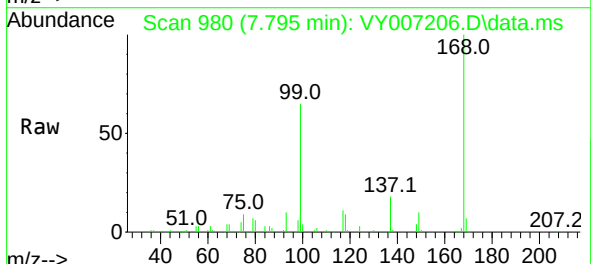
Instrument :
MSVOA_Y
ClientSampleId :

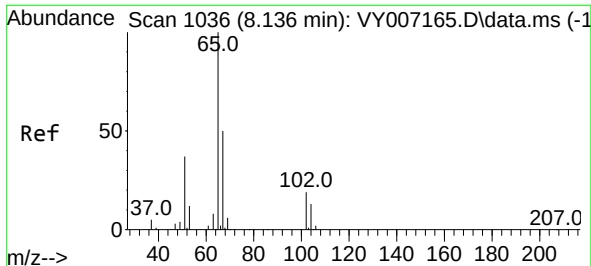
Tgt Ion: 83 Resp: 5073
Ion Ratio Lower Upper
83 100
85 59.7 50.9 76.3



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.007 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

Tgt Ion: 56 Resp: 2601
Ion Ratio Lower Upper
56 100
69 137.3 27.2 40.8#
84 122.4 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 53.571 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY007206.D

Acq: 18 Jan 2022 13:12

Instrument :

MSVOA_Y

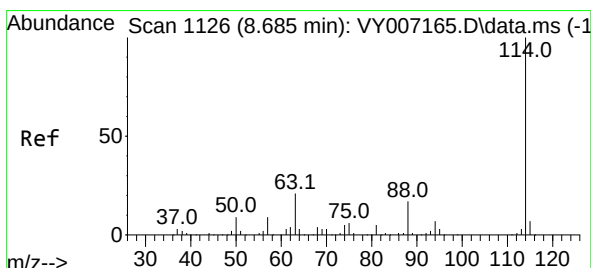
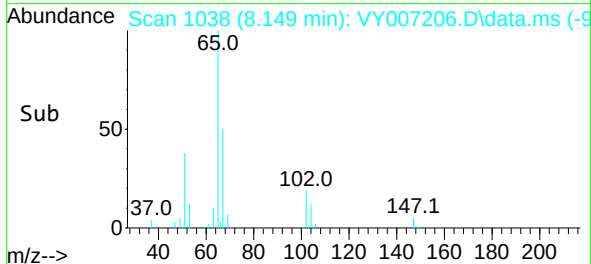
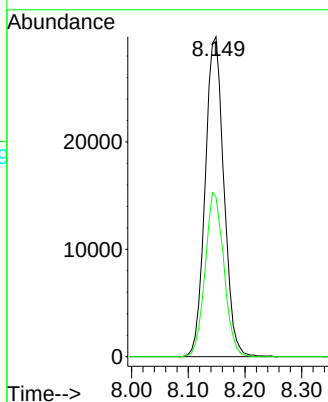
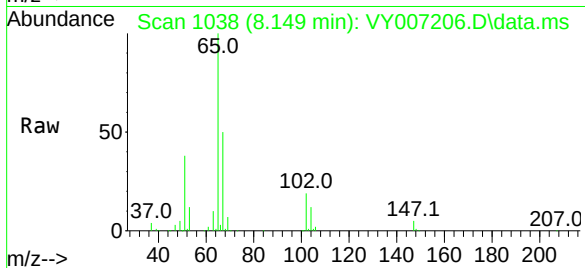
ClientSampleId :

Tgt Ion: 65 Resp: 68354

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007206.D

Acq: 18 Jan 2022 13:12

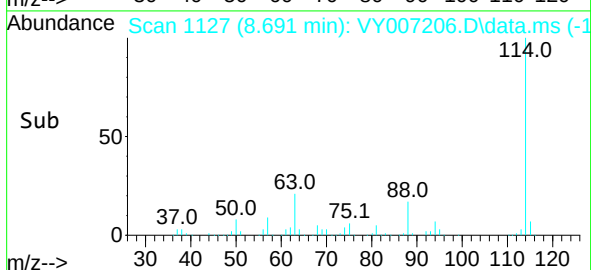
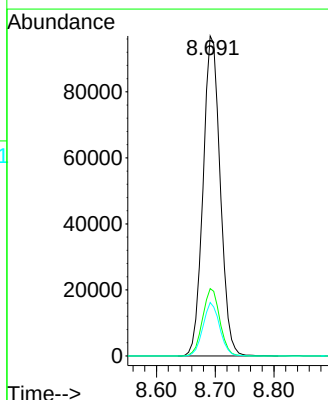
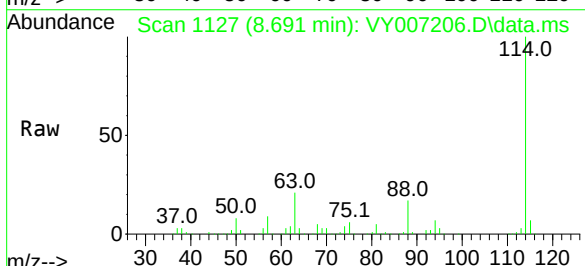
Tgt Ion: 114 Resp: 196236

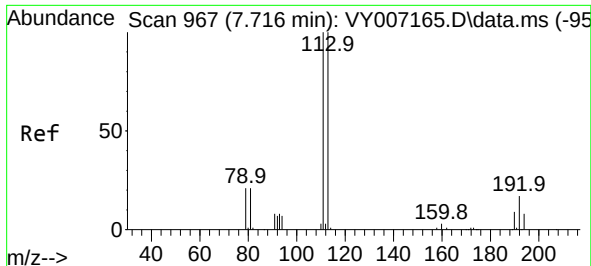
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.2

88 16.7 0.0 31.0

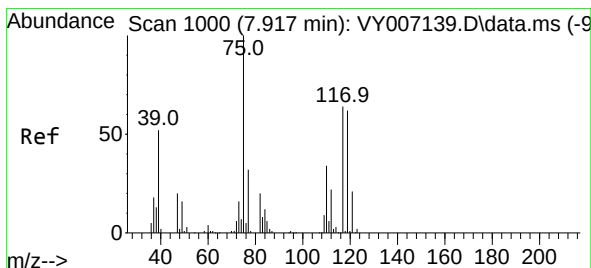
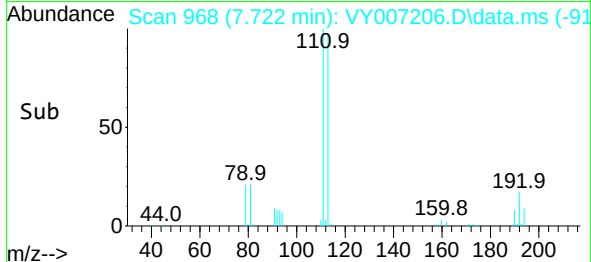
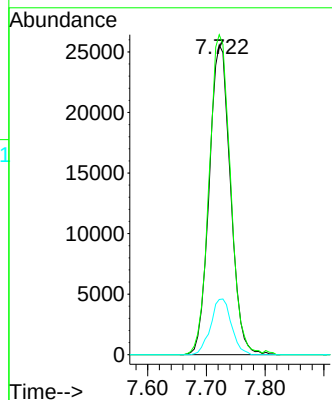
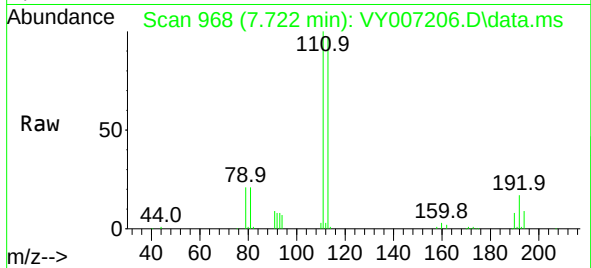




#35
Dibromofluoromethane
Concen: 48.330 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.007 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

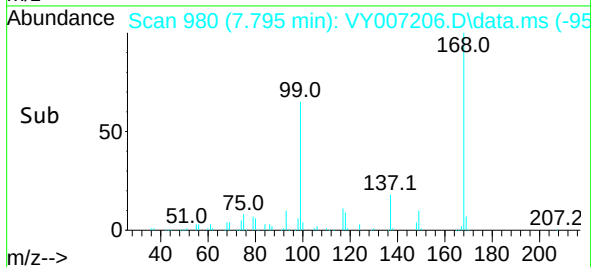
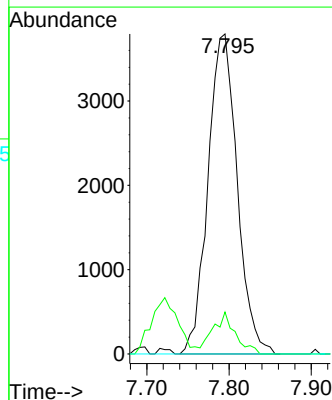
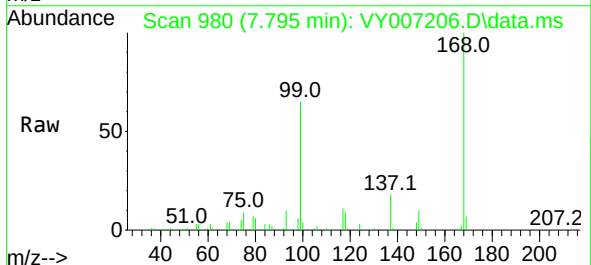
Instrument :
MSVOA_Y
ClientSampleId :

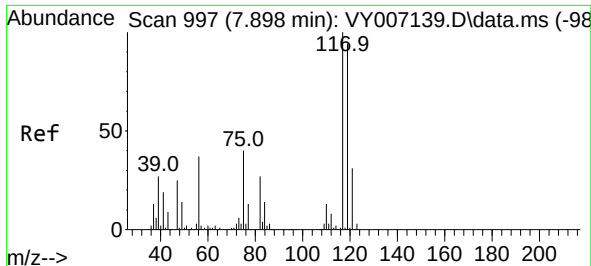
Tgt Ion:113 Resp: 64130
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.121 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

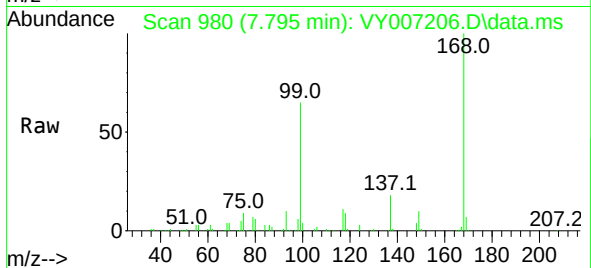
Tgt Ion: 75 Resp: 9379
Ion Ratio Lower Upper
75 100
110 10.0 17.3 51.9#
77 0.0 24.7 37.1#



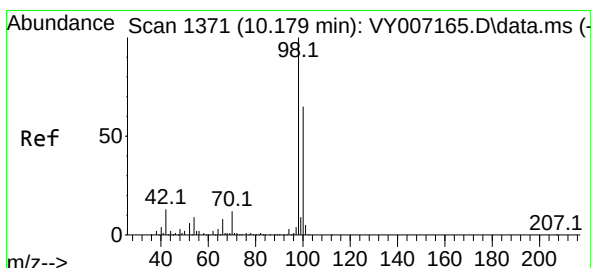
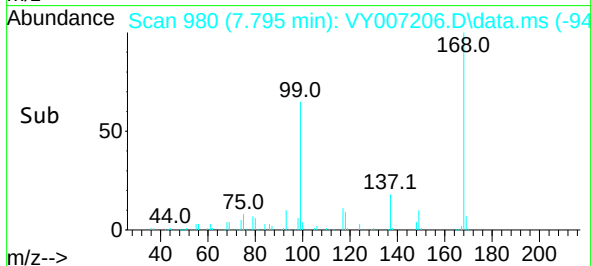
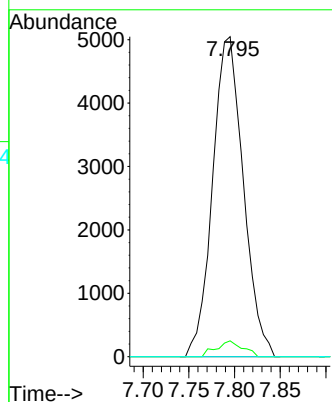


#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

Instrument :
MSVOA_Y
ClientSampleId :

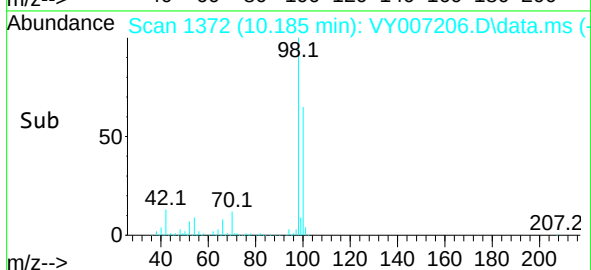
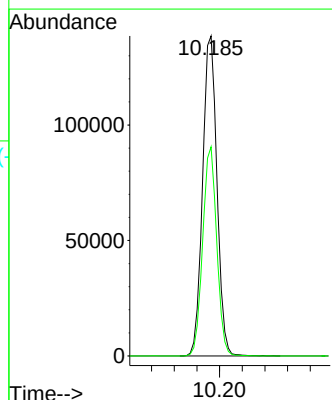
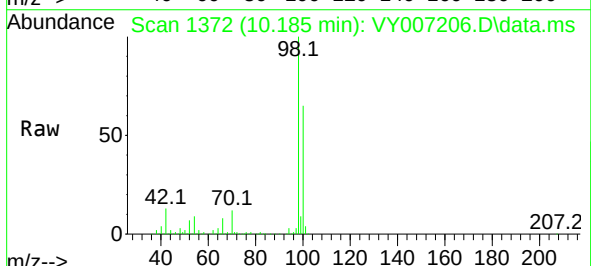


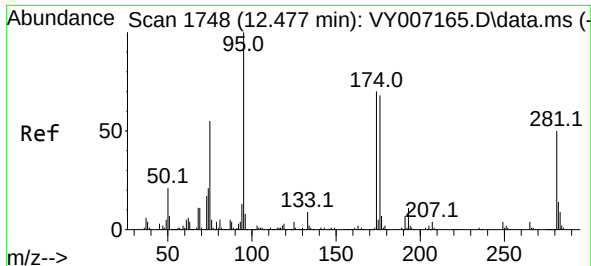
Tgt Ion: 117 Resp: 11785
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.195 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

Tgt Ion: 98 Resp: 243369
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

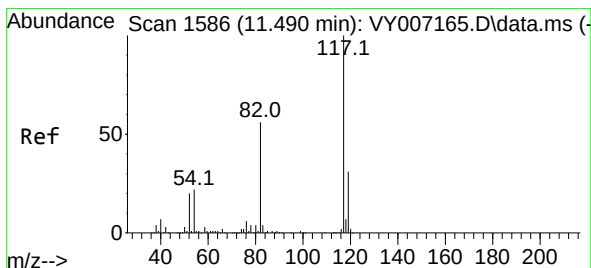
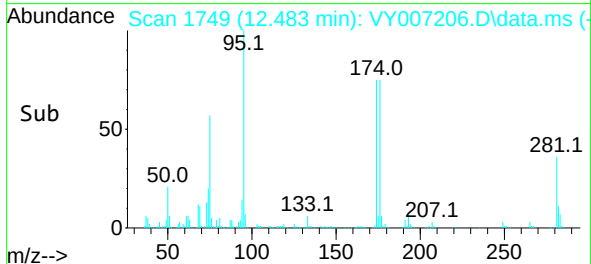
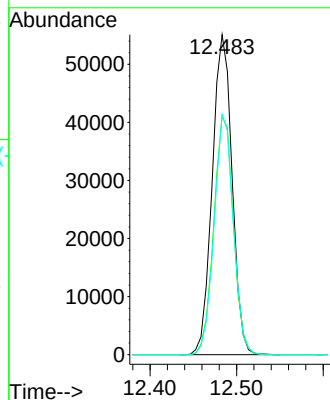
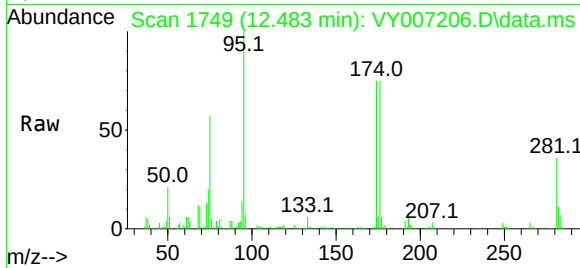




#62
4-Bromofluorobenzene
Concen: 50.685 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

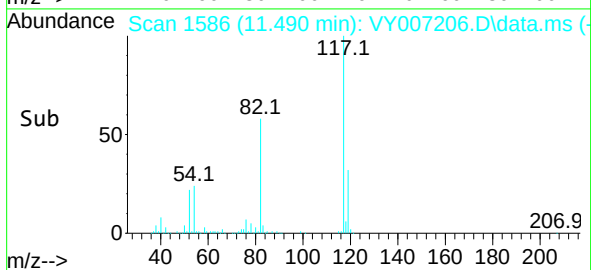
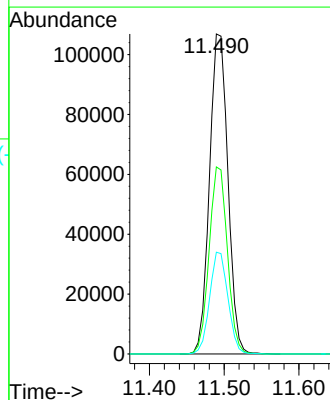
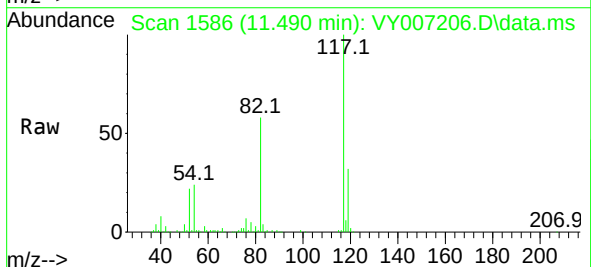
Instrument :
MSVOA_Y
ClientSampleId :

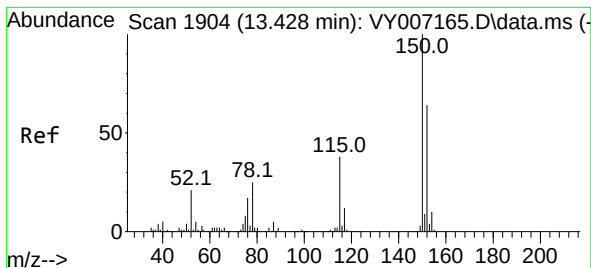
Tgt Ion: 95 Resp: 87416
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.4
176 72.4 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007206.D
Acq: 18 Jan 2022 13:12

Tgt Ion: 117 Resp: 183047
Ion Ratio Lower Upper
117 100
82 58.5 45.4 68.0
119 31.8 26.4 39.6

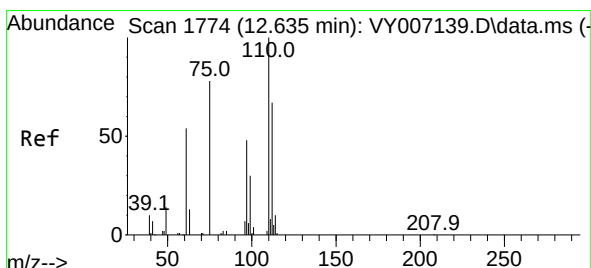
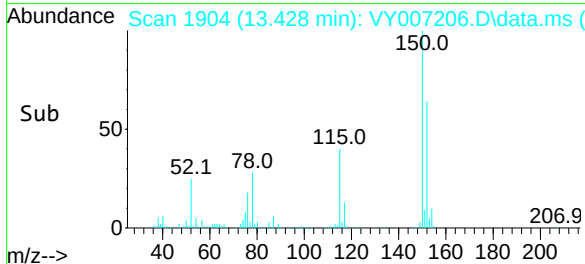
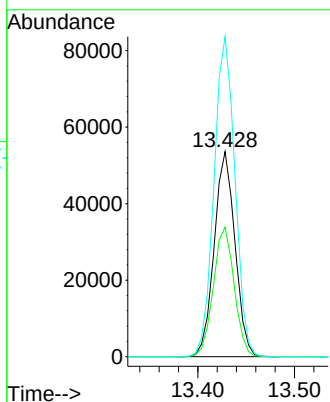
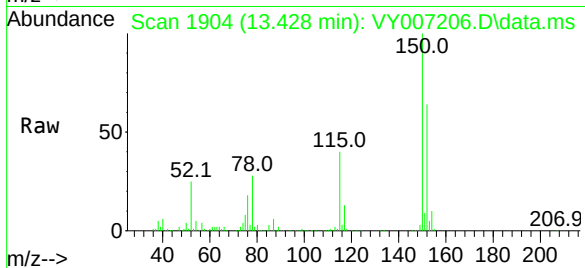




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007206.D
 Acq: 18 Jan 2022 13:12

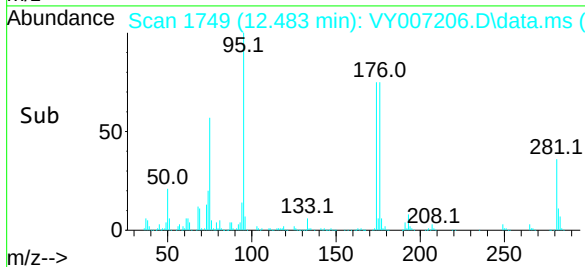
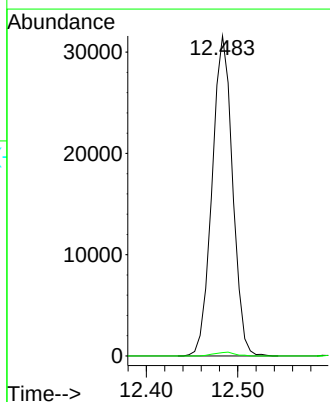
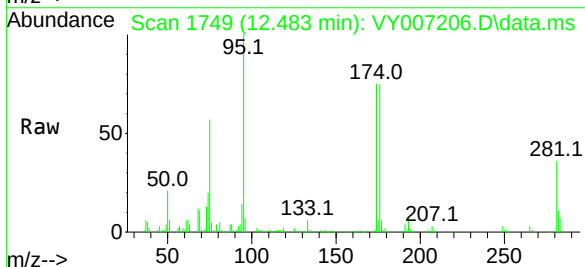
Instrument :
 MSVOA_Y
 ClientSampleId :

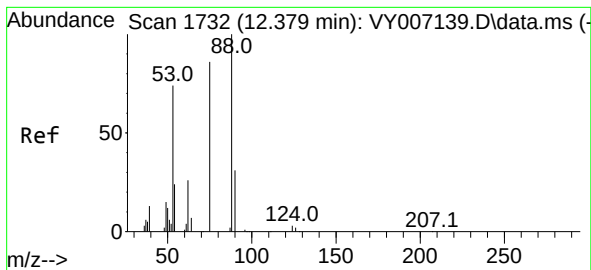
Tgt Ion:152 Resp: 79959
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.4 94.0
 150 157.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.993 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007206.D
 Acq: 18 Jan 2022 13:12

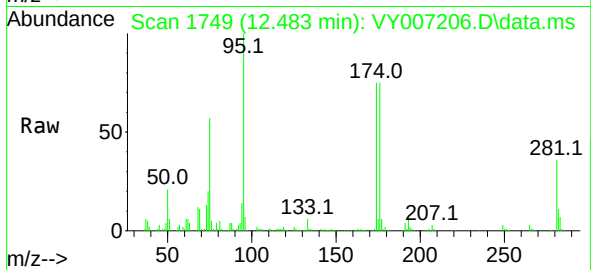
Tgt Ion: 75 Resp: 49228
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.847 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007206.D
 Acq: 18 Jan 2022 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49228
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 1.0 0.0 0.0#

