

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010281.D
 Acq On : 02 Sep 2022 16:07
 Operator : KP/MD
 Sample : N4433-03
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-3

Quant Time: Sep 02 16:50:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

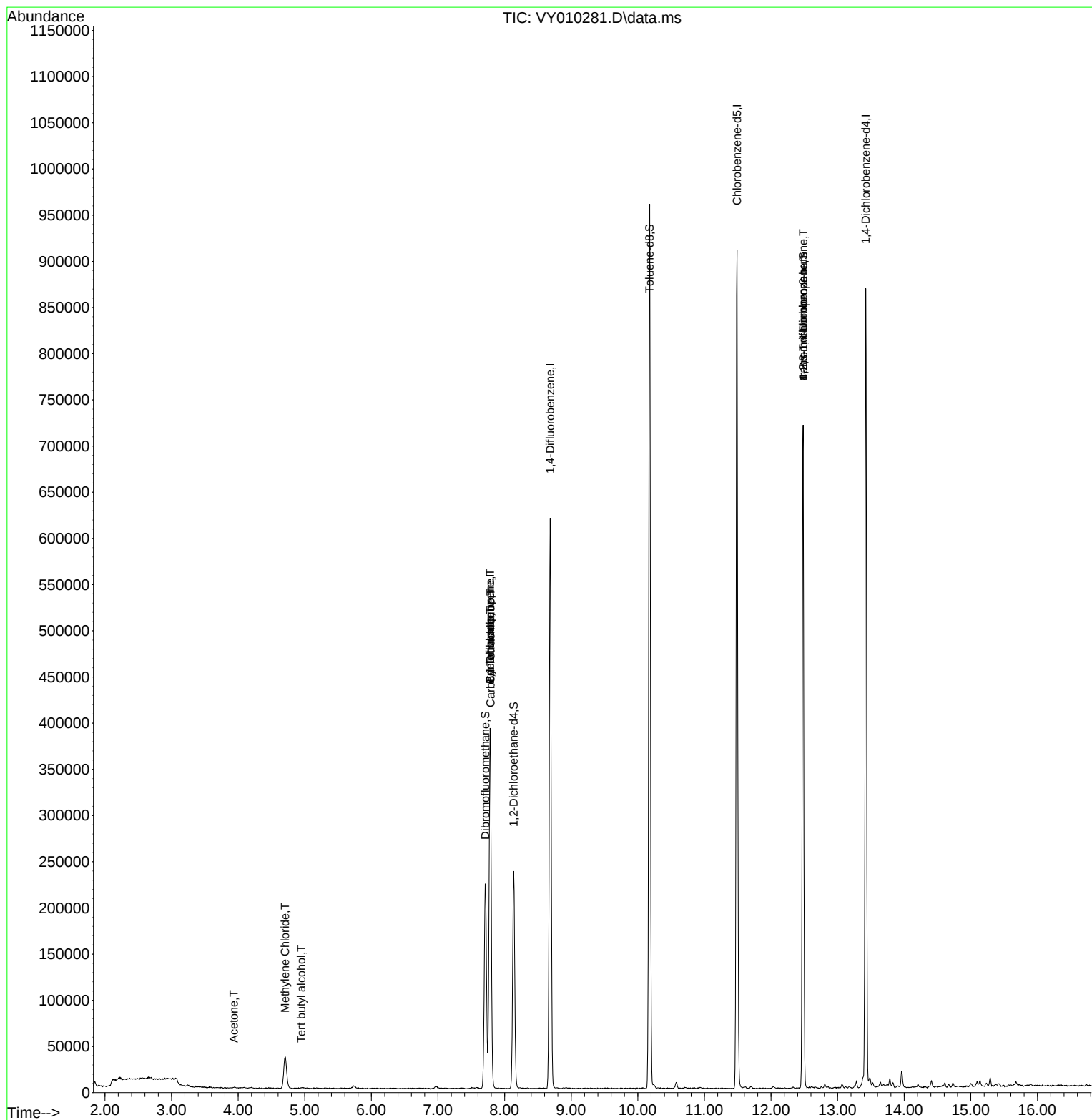
Internal Standards						
1) Pentafluorobenzene	7.783	168	308699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	531526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	493145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	182241	57.574	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 115.140%		
35) Dibromofluoromethane	7.709	113	159169	44.982	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 89.960%		
50) Toluene-d8	10.178	98	637809	53.838	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.680%		
62) 4-Bromofluorobenzene	12.483	95	226498	47.413	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 94.820%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	440	Below Cal	#	4
11) Tert butyl alcohol	4.948	59	1237	3.267	ug/l #	95
16) Acetone	3.936	43	1559	1.970	ug/l	94
20) Methylene Chloride	4.704	84	26100	6.835	ug/l	90
31) Cyclohexane	7.783	56	6487	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22841	4.400	ug/l #	50
38) Carbon Tetrachloride	7.789	117	30349	5.672	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	115995	43.515	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	115995	90.776	ug/l #	7

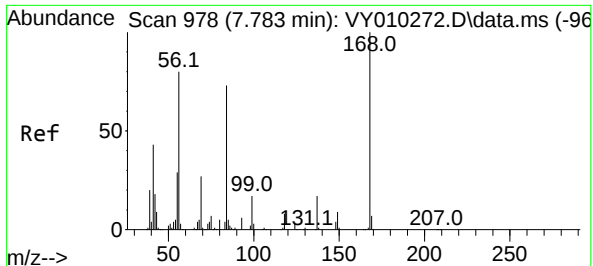
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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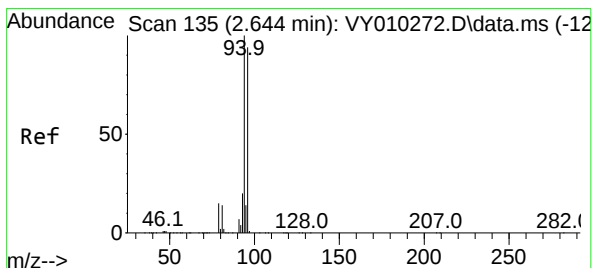
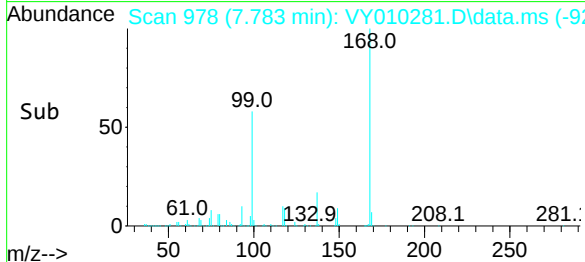
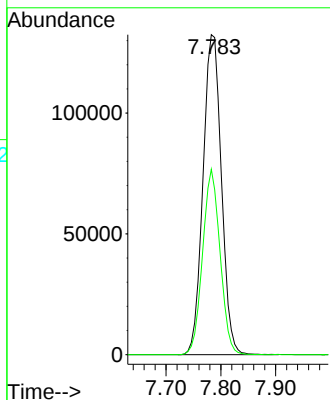
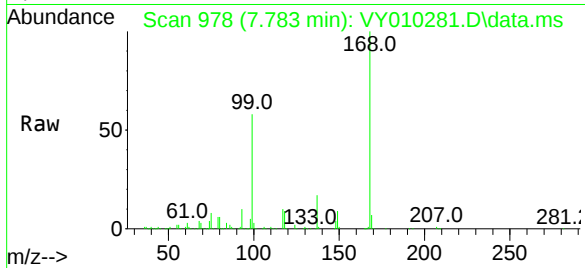




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

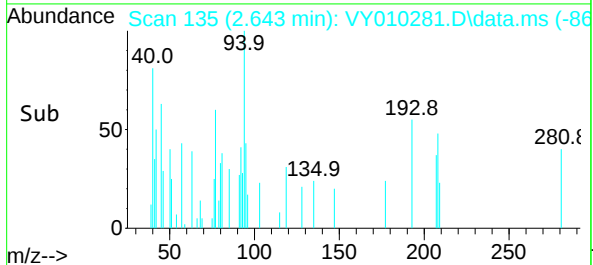
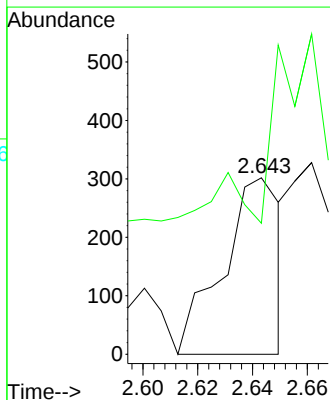
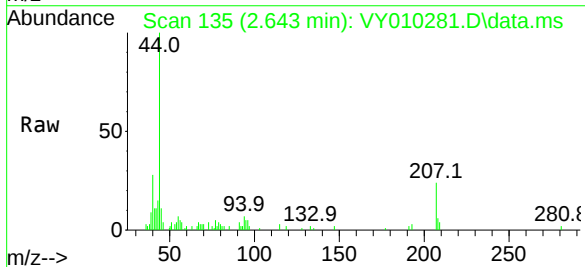
Instrument :
MSVOA_Y
ClientSampleId :
EP-3

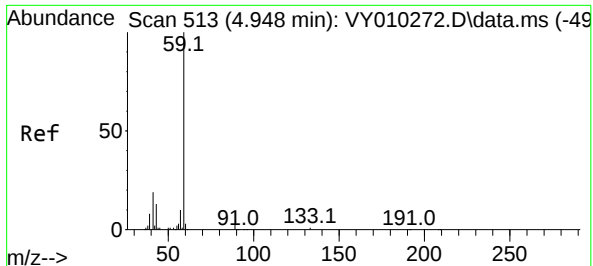
Tgt Ion:168 Resp: 308699
Ion Ratio Lower Upper
168 100
99 58.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. -0.001 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#





#11

Tert butyl alcohol

Concen: 3.267 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010281.D

Acq: 02 Sep 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

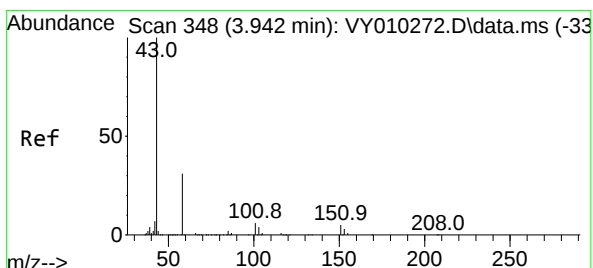
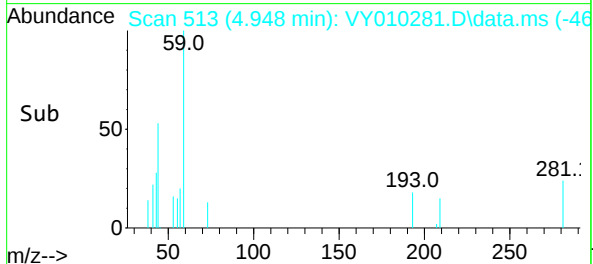
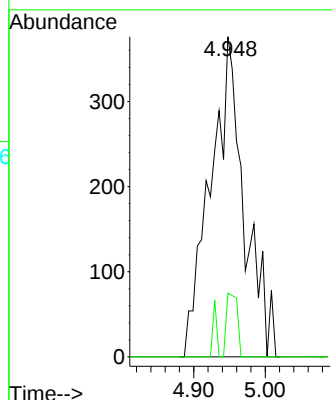
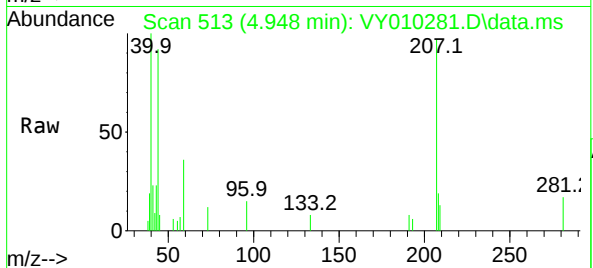
EP-3

Tgt Ion: 59 Resp: 1237

Ion Ratio Lower Upper

59 100

57 6.4 6.4 9.6#



#16

Acetone

Concen: 1.970 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010281.D

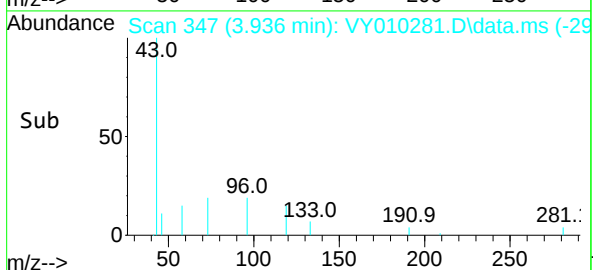
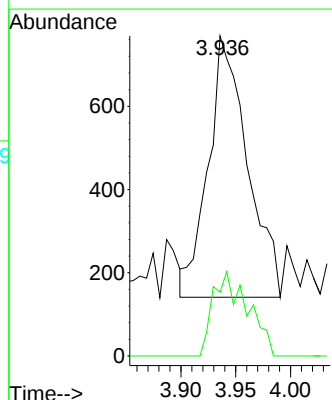
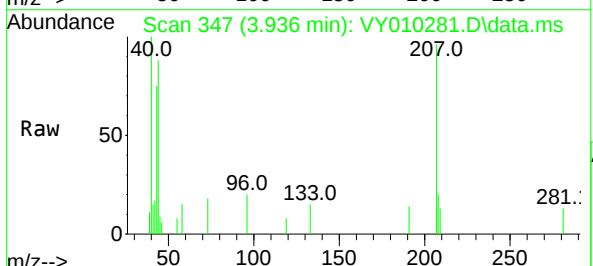
Acq: 02 Sep 2022 16:07

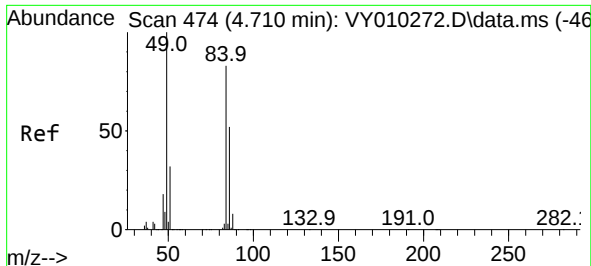
Tgt Ion: 43 Resp: 1559

Ion Ratio Lower Upper

43 100

58 24.4 22.0 33.0

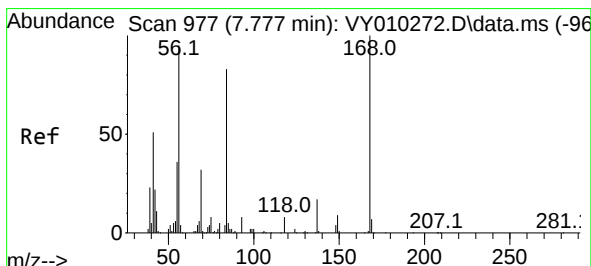
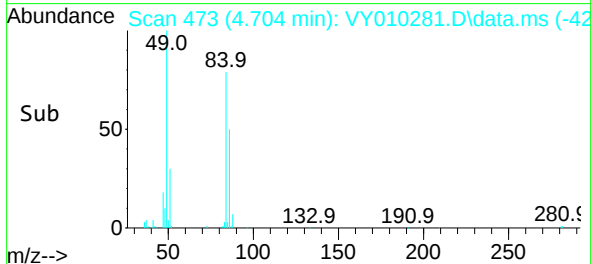
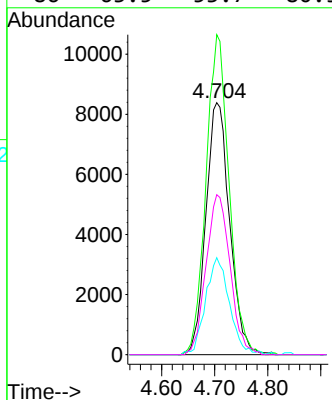
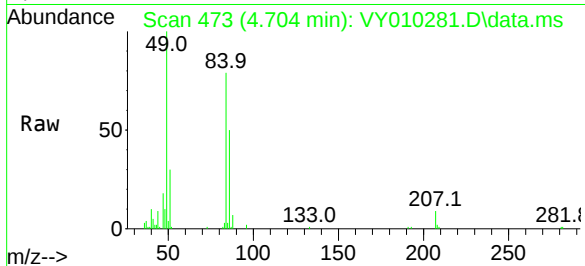




#20
Methylene Chloride
Concen: 6.835 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

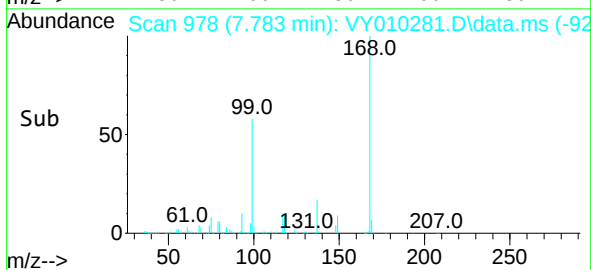
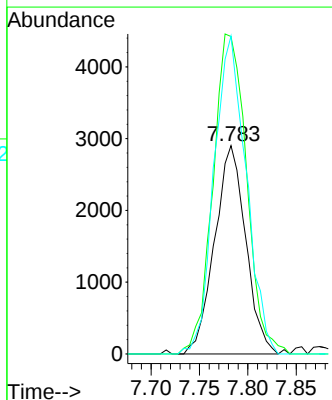
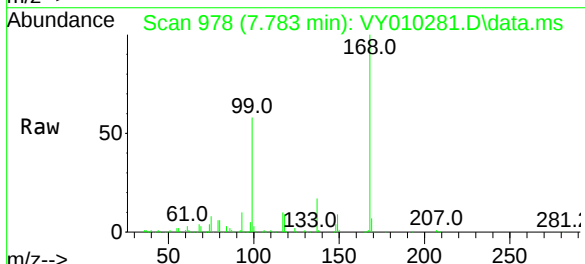
Instrument :
MSVOA_Y
ClientSampleId :
EP-3

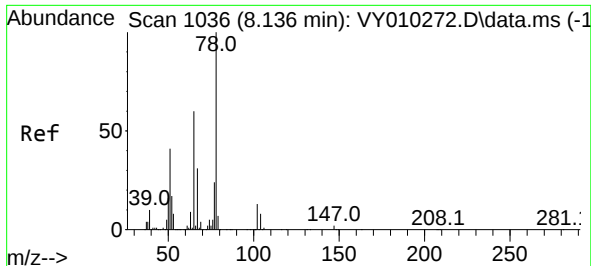
Tgt Ion:	84	Resp:	26100
Ion	Ratio	Lower	Upper
84	100		
49	127.0	114.4	171.6
51	38.4	35.3	52.9
86	63.5	53.7	80.5



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

Tgt Ion:	56	Resp:	6487
Ion	Ratio	Lower	Upper
56	100		
69	152.4	26.7	40.1#
84	152.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.574 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010281.D

Acq: 02 Sep 2022 16:07

Instrument :

MSVOA_Y

ClientSampleId :

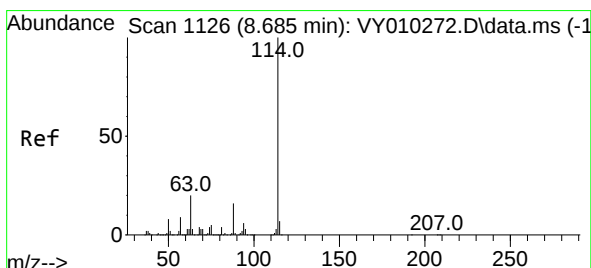
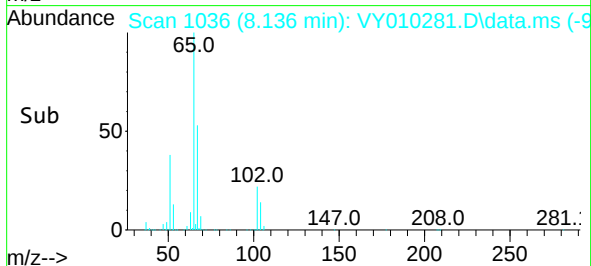
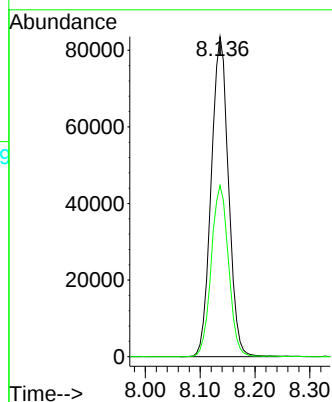
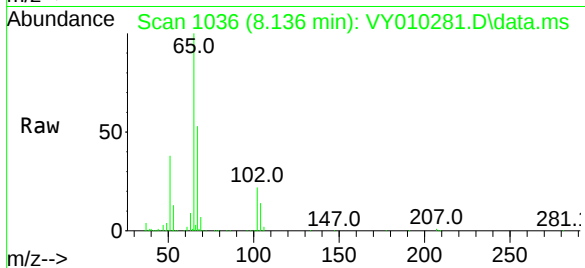
EP-3

Tgt Ion: 65 Resp: 182241

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010281.D

Acq: 02 Sep 2022 16:07

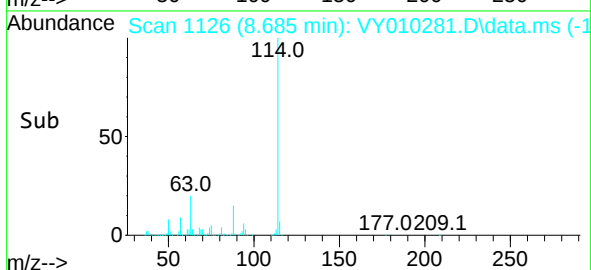
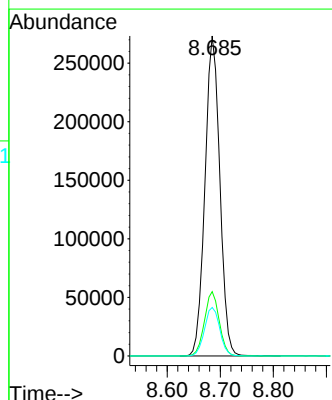
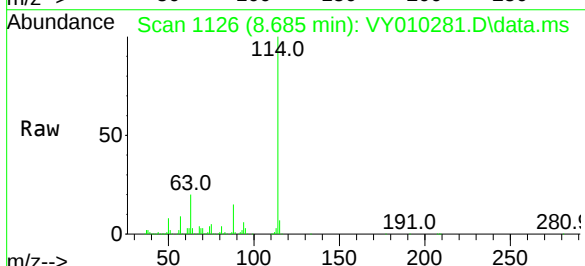
Tgt Ion: 114 Resp: 531526

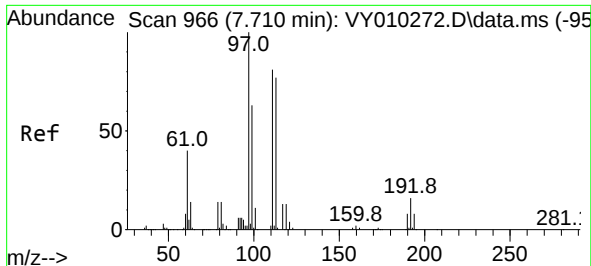
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.2 0.0 31.8

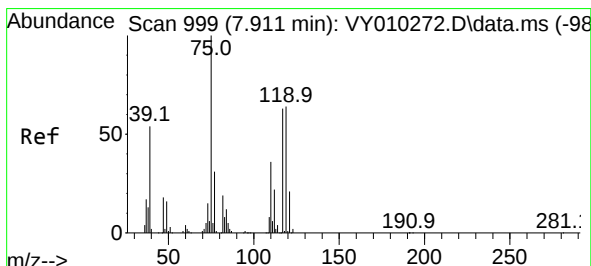
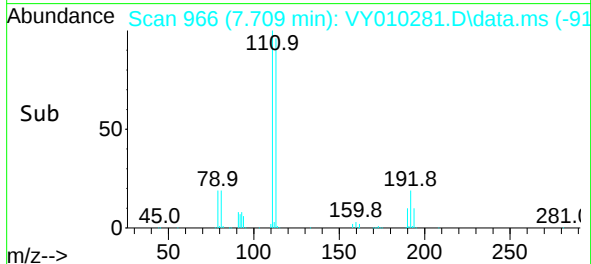
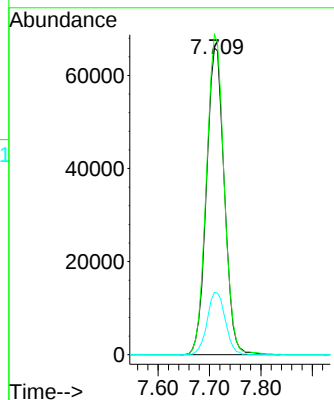
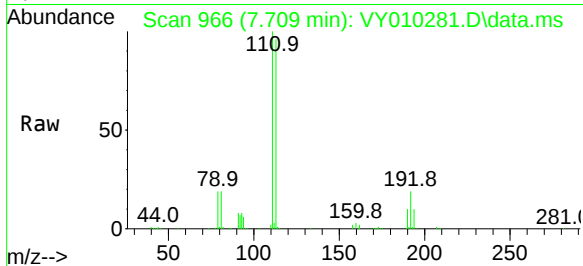




#35
Dibromofluoromethane
Concen: 44.982 ug/l
RT: 7.709 min Scan# 910
Delta R.T. -0.001 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

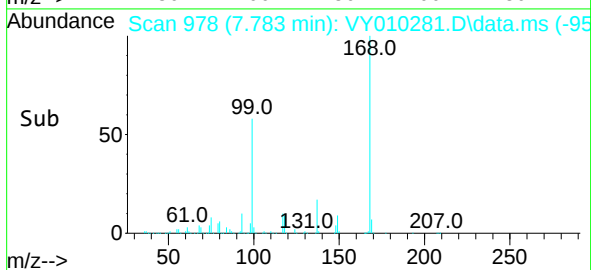
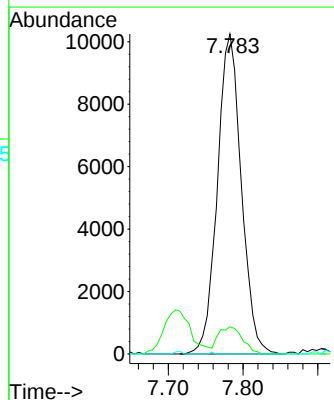
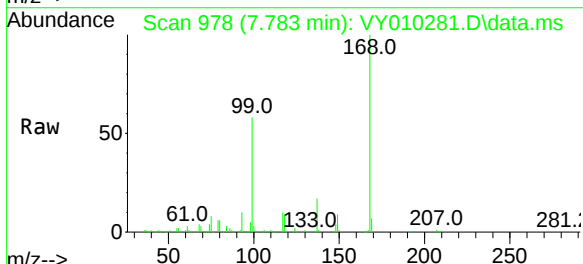
Instrument :
MSVOA_Y
ClientSampleId :
EP-3

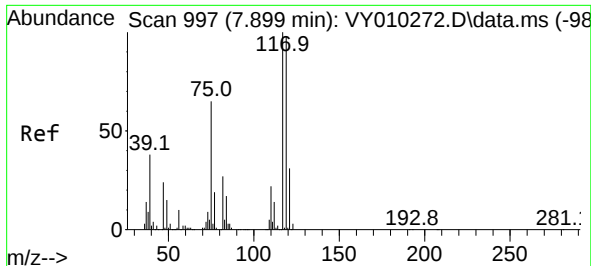
Tgt Ion:113 Resp: 159169
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

Tgt Ion: 75 Resp: 22841
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

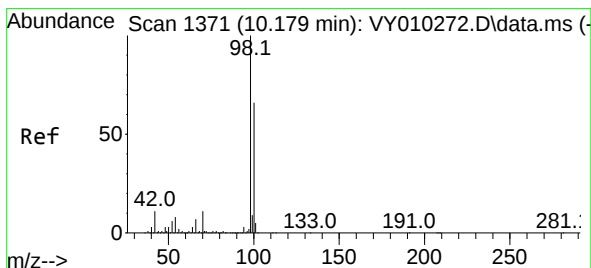
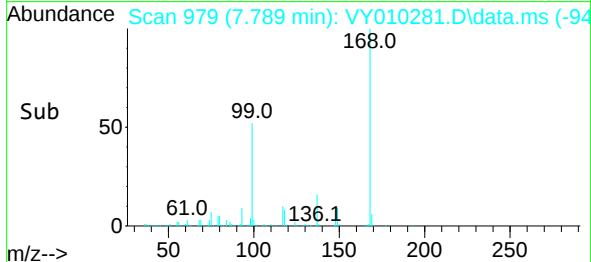
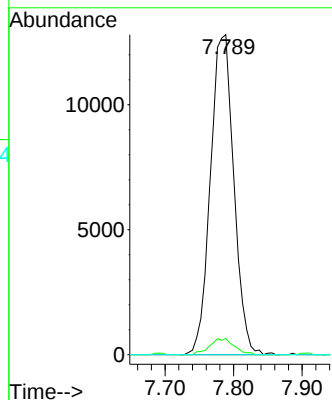
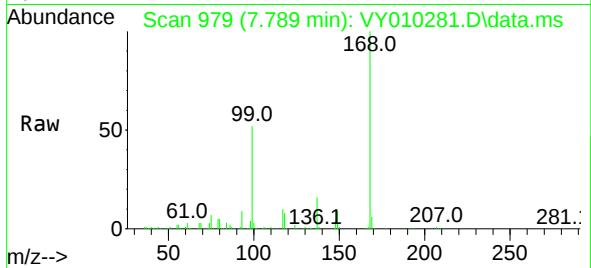




#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

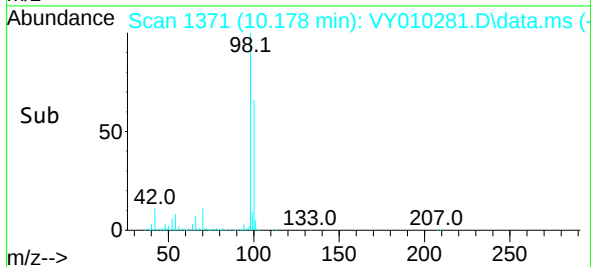
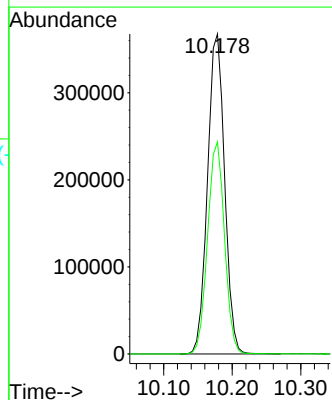
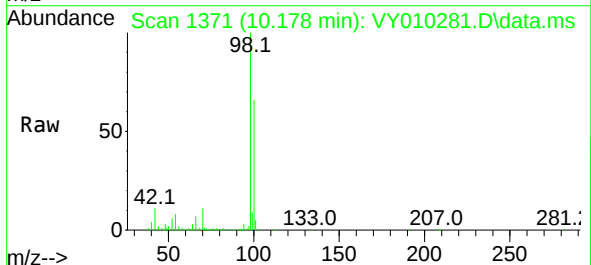
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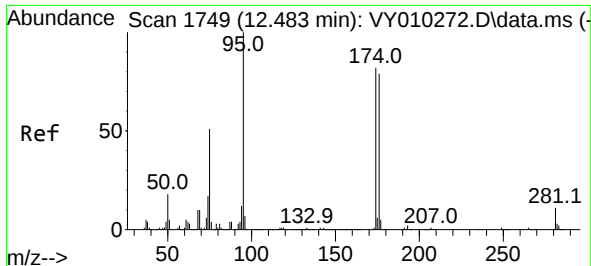
Tgt Ion:117 Resp: 30349
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.838 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

Tgt Ion: 98 Resp: 637809
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

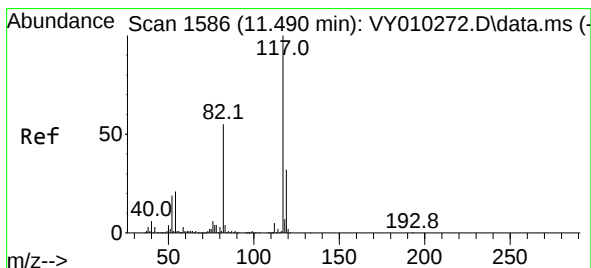
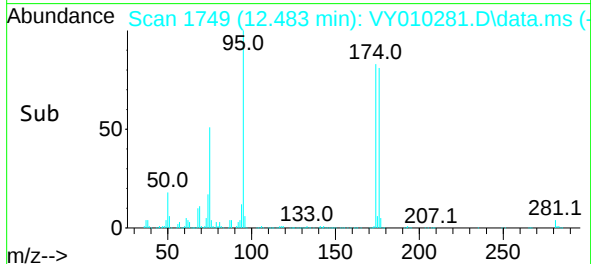
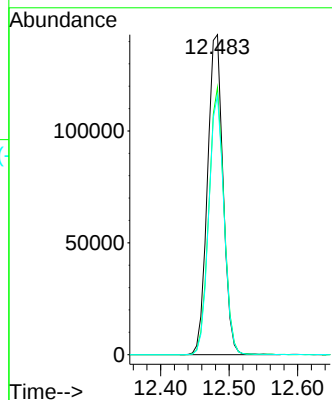
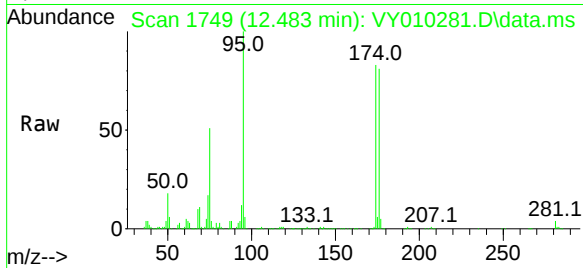




#62
4-Bromofluorobenzene
Concen: 47.413 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

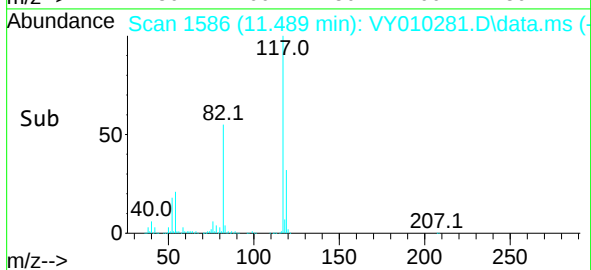
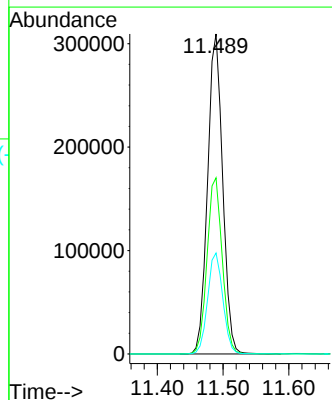
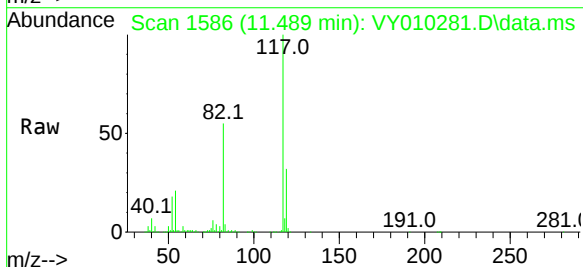
Instrument :
MSVOA_Y
ClientSampleId :
EP-3

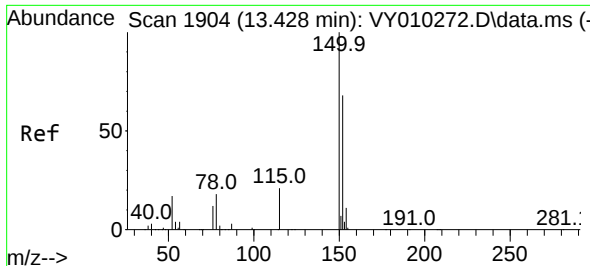
Tgt Ion: 95 Resp: 226498
Ion Ratio Lower Upper
95 100
174 81.2 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010281.D
Acq: 02 Sep 2022 16:07

Tgt Ion: 117 Resp: 493145
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.5 25.4 38.0

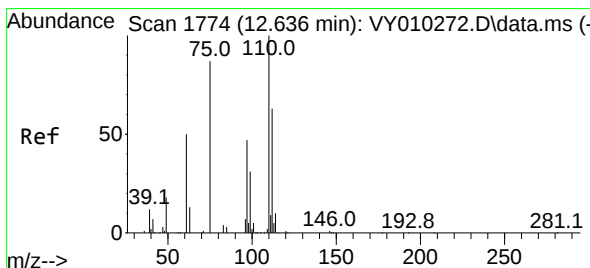
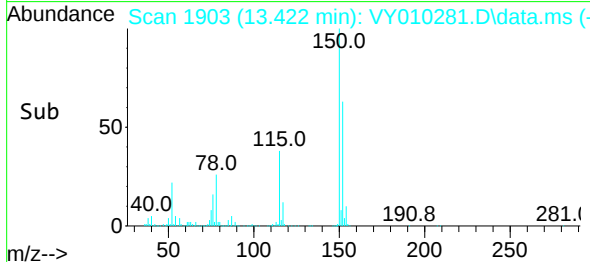
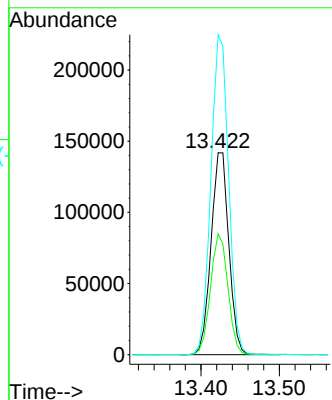
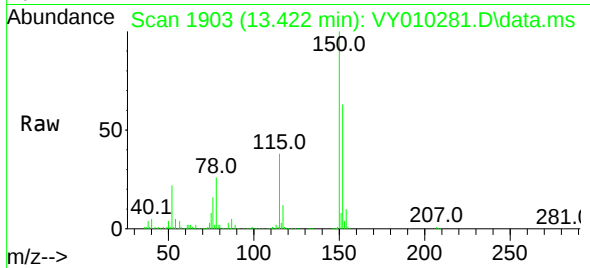




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010281.D
 Acq: 02 Sep 2022 16:07

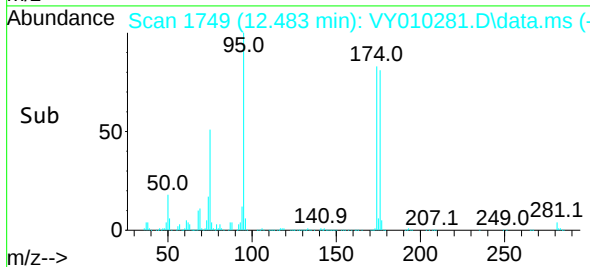
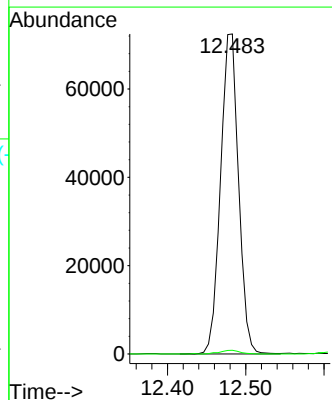
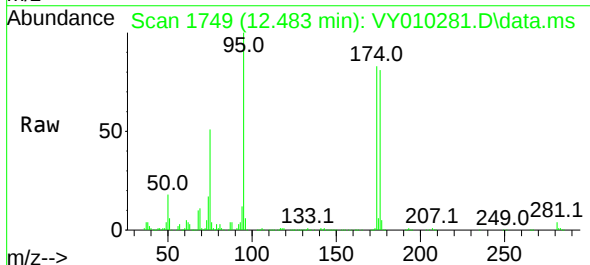
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-3

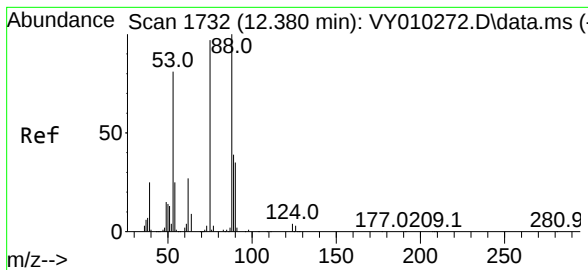
Tgt Ion:152 Resp: 223997
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.515 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010281.D
 Acq: 02 Sep 2022 16:07

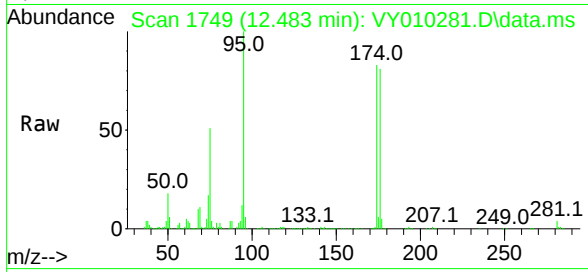
Tgt Ion: 75 Resp: 115995
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.776 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010281.D
 Acq: 02 Sep 2022 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-3



Tgt Ion: 75 Resp: 115995
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

