

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010284.D
 Acq On : 02 Sep 2022 17:17
 Operator : KP/MD
 Sample : N4433-01
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-1

Quant Time: Sep 02 17:42:44 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)

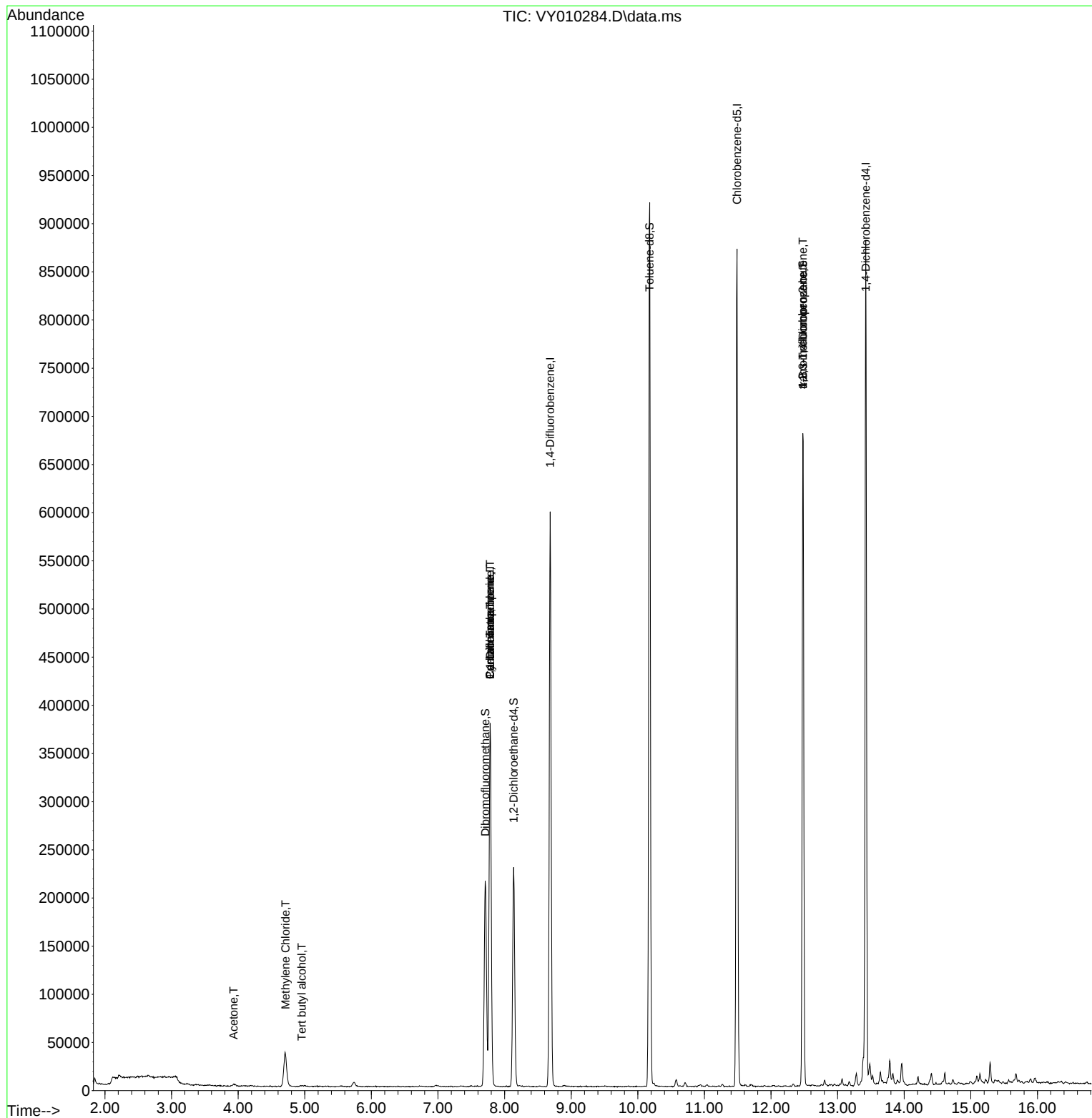
Internal Standards						
1) Pentafluorobenzene	7.783	168	298630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	510536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	475161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175372	57.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.540%
35) Dibromofluoromethane	7.710	113	154955	45.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.179	98	611640	53.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.477	95	216596	47.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.340%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	911	Below Cal	#	57
11) Tert butyl alcohol	4.954	59	1668	4.553	ug/l #	77
16) Acetone	3.930	43	3285	4.291	ug/l	99
20) Methylene Chloride	4.710	84	25957	7.027	ug/l	91
31) Cyclohexane	7.783	56	5976	1.000	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22480	4.508	ug/l #	51
38) Carbon Tetrachloride	7.783	117	29438	5.728	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	111276	41.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111276	87.385	ug/l #	7

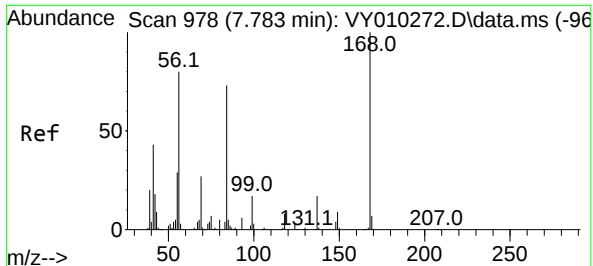
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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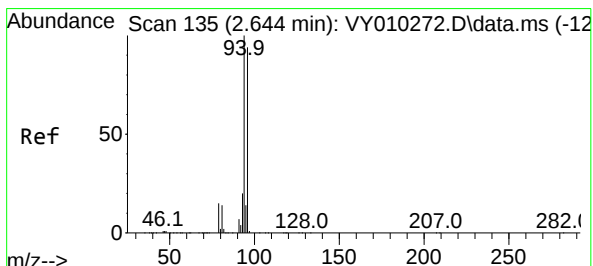
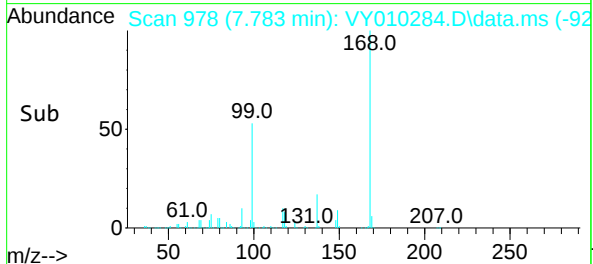
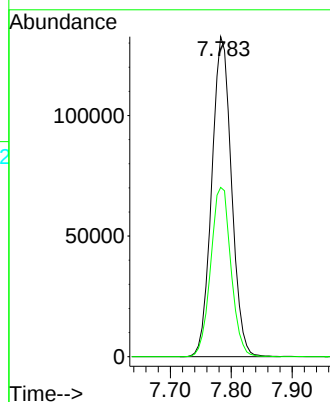
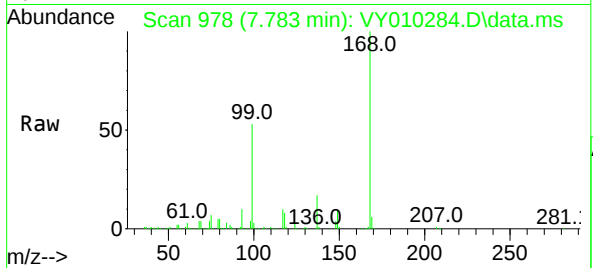




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

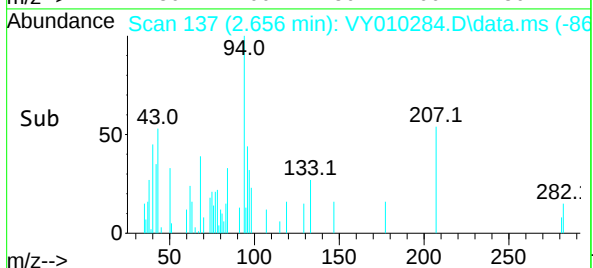
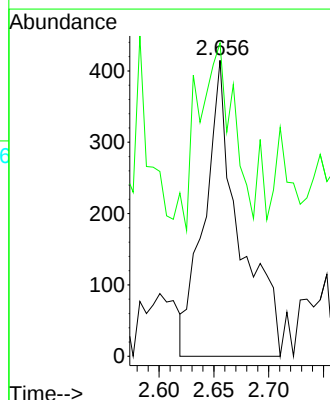
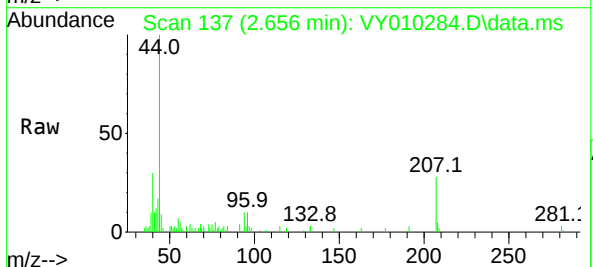
Instrument :
MSVOA_Y
ClientSampleId :
EP-1

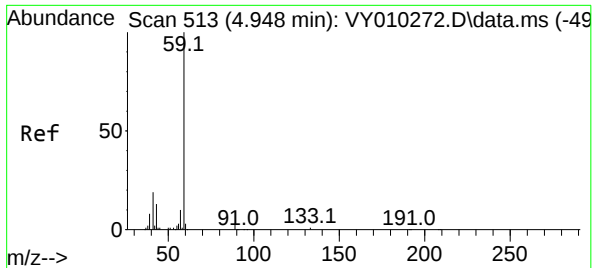
Tgt Ion:168 Resp: 298630
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

Tgt Ion: 94 Resp: 911
Ion Ratio Lower Upper
94 100
96 50.6 73.5 110.3#





#11

Tert butyl alcohol

Concen: 4.553 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY010284.D

Acq: 02 Sep 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

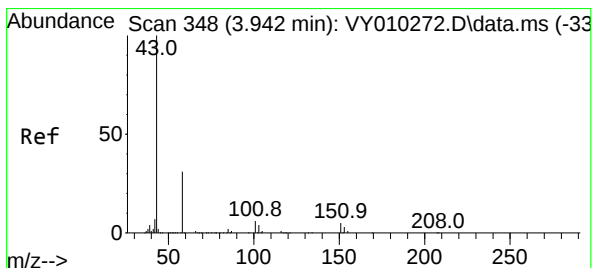
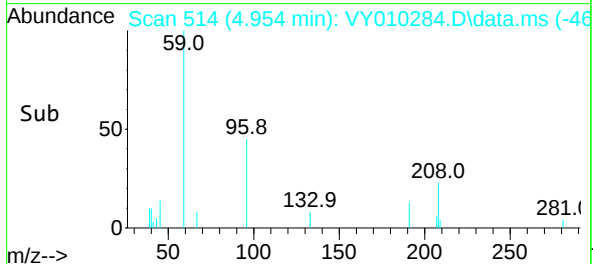
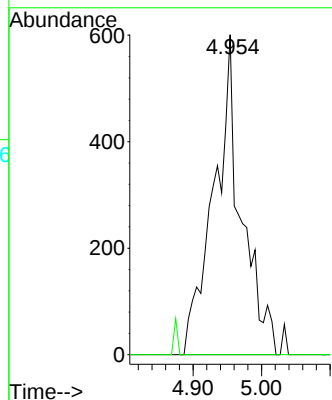
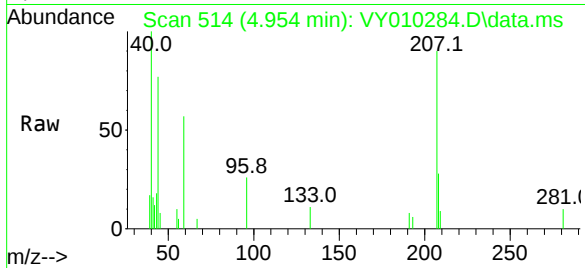
EP-1

Tgt Ion: 59 Resp: 1668

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.291 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.012 min

Lab File: VY010284.D

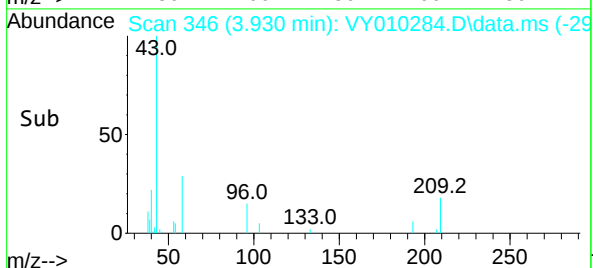
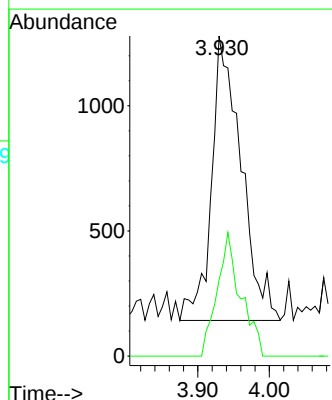
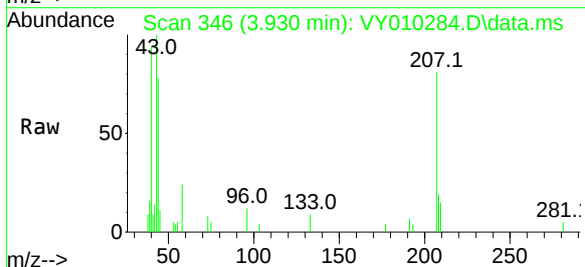
Acq: 02 Sep 2022 17:17

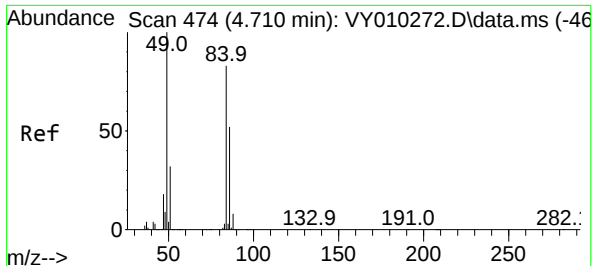
Tgt Ion: 43 Resp: 3285

Ion Ratio Lower Upper

43 100

58 26.7 22.0 33.0





#20

Methylene Chloride

Concen: 7.027 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY010284.D

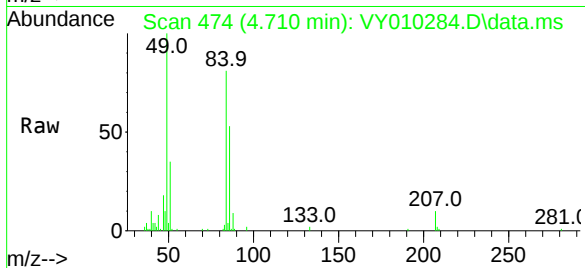
Acq: 02 Sep 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

EP-1



Tgt Ion: 84 Resp: 25957

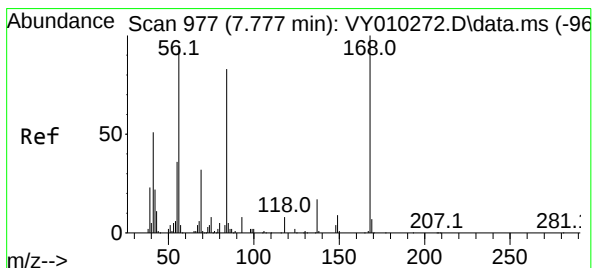
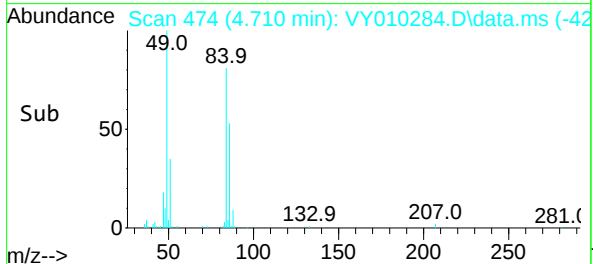
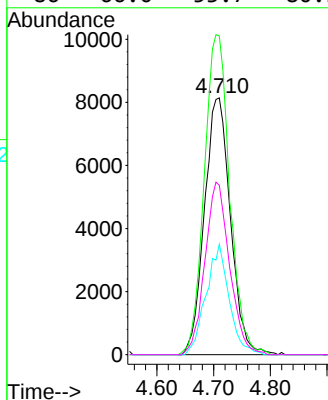
Ion Ratio Lower Upper

84 100

49 124.2 114.4 171.6

51 43.0 35.3 52.9

86 66.0 53.7 80.5



#31

Cyclohexane

Concen: 1.000 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010284.D

Acq: 02 Sep 2022 17:17

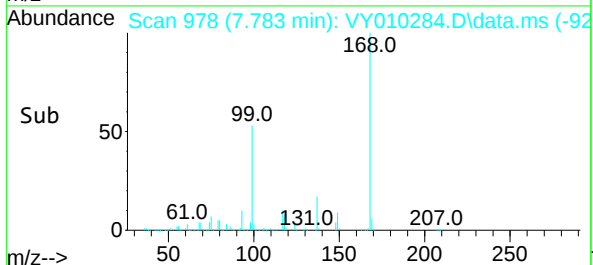
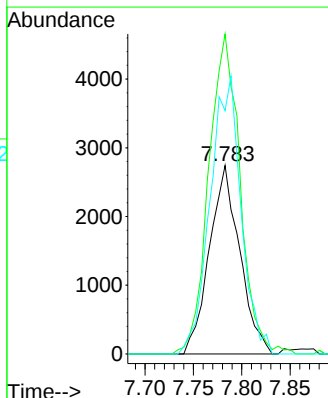
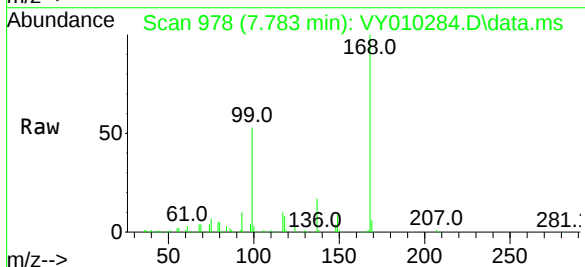
Tgt Ion: 56 Resp: 5976

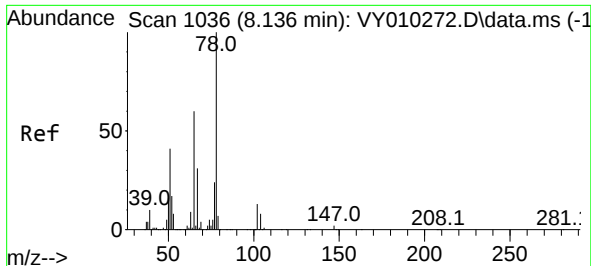
Ion Ratio Lower Upper

56 100

69 167.6 26.7 40.1#

84 129.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.272 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010284.D

Acq: 02 Sep 2022 17:17

Instrument :

MSVOA_Y

ClientSampleId :

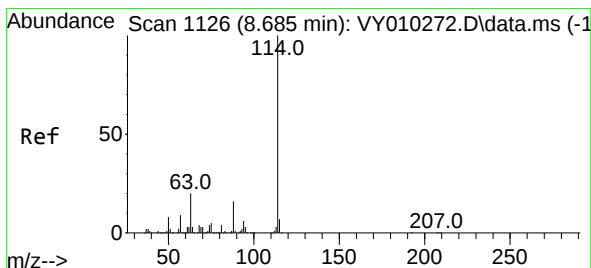
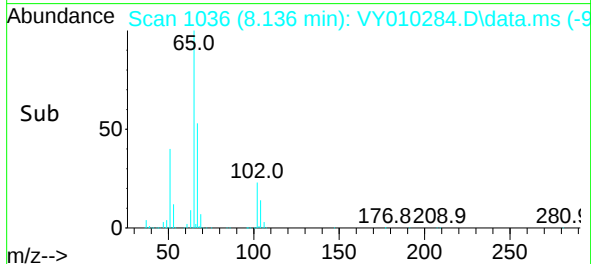
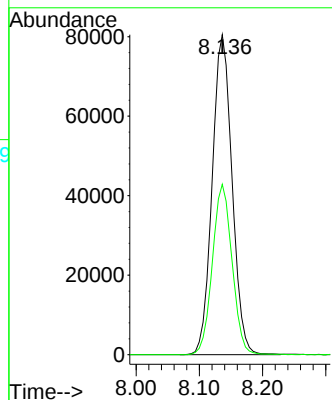
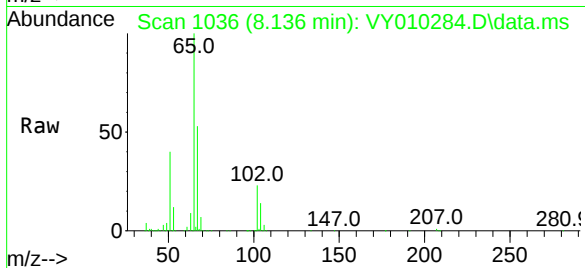
EP-1

Tgt Ion: 65 Resp: 175372

Ion Ratio Lower Upper

65 100

67 52.7 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: VY010284.D

Acq: 02 Sep 2022 17:17

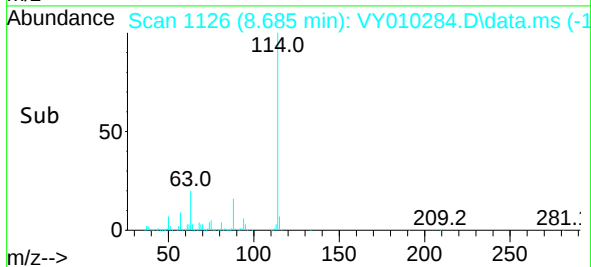
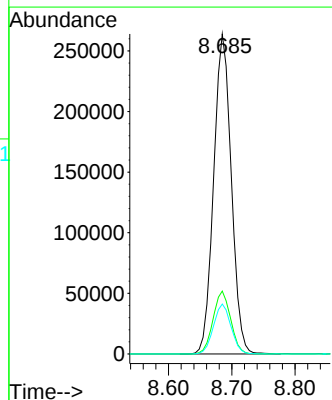
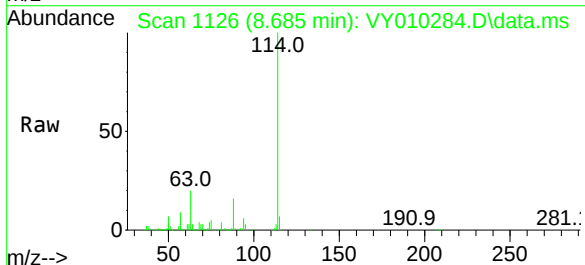
Tgt Ion: 114 Resp: 510536

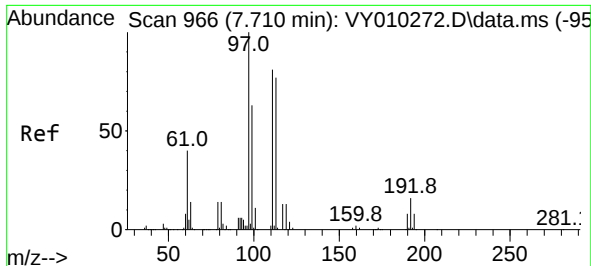
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.6 0.0 31.8

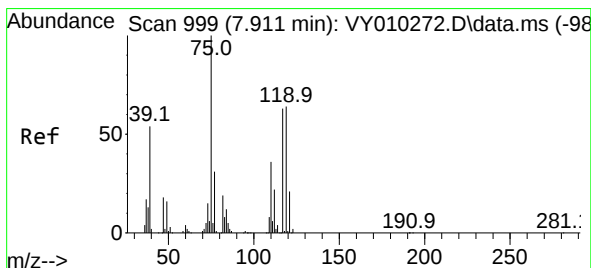
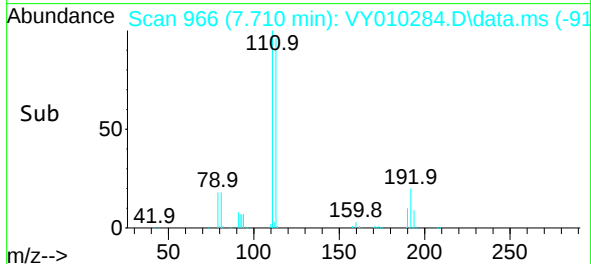
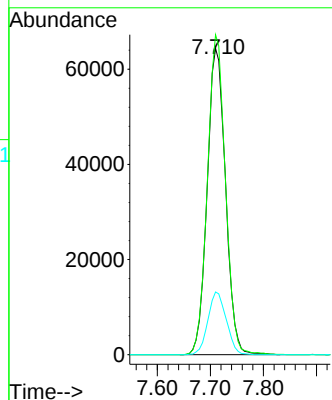
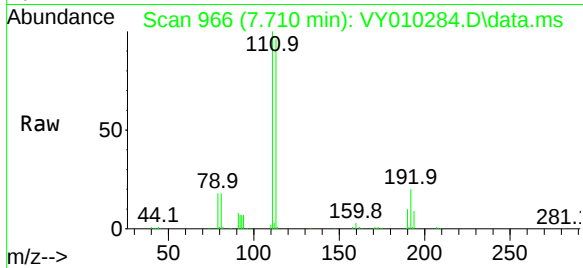




#35
Dibromofluoromethane
Concen: 45.592 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

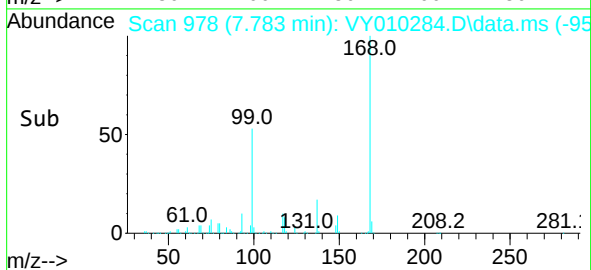
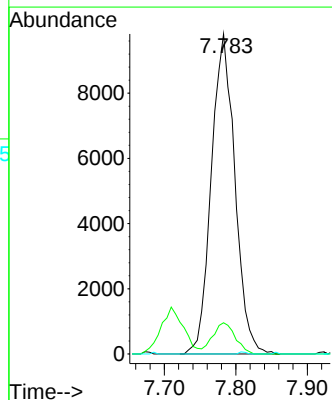
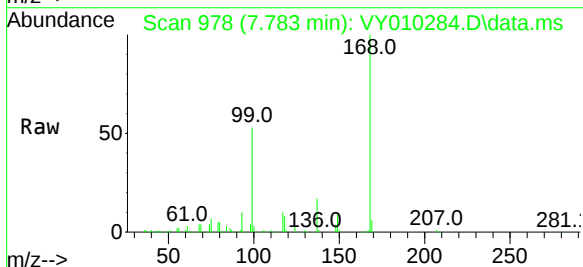
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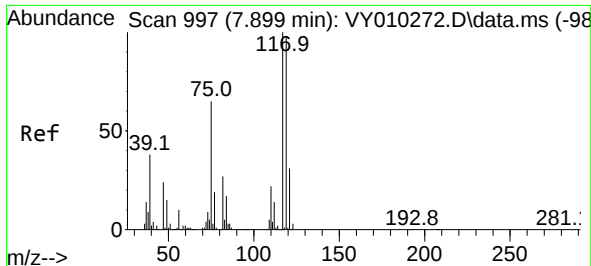
Tgt Ion:113 Resp: 154955
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

Tgt Ion: 75 Resp: 22480
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

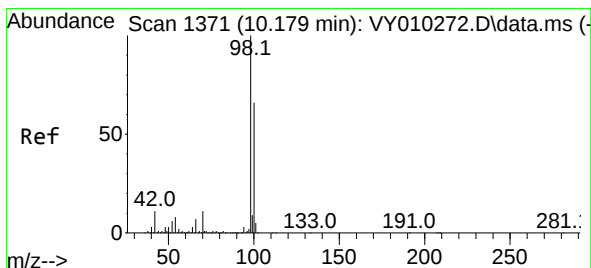
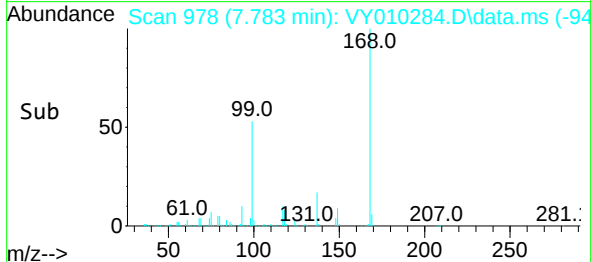
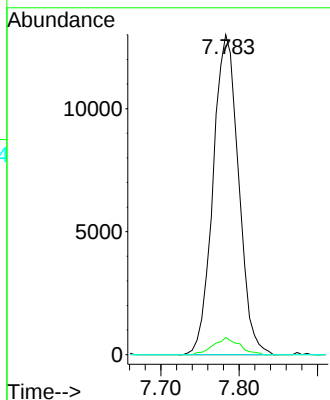
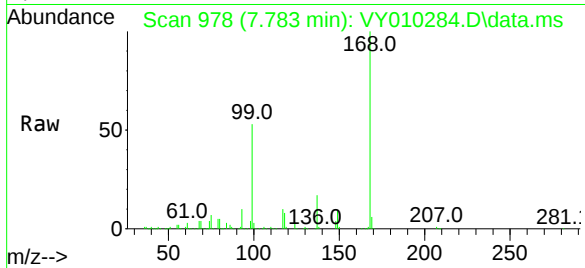




#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

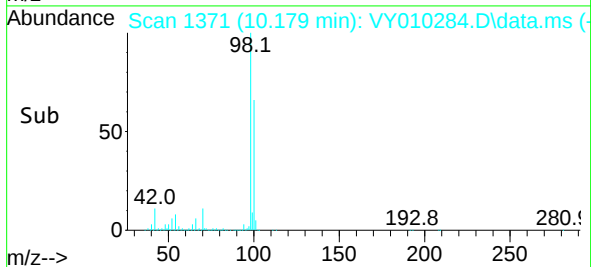
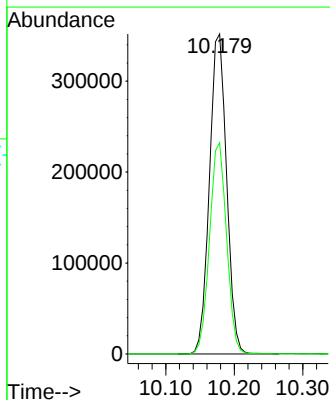
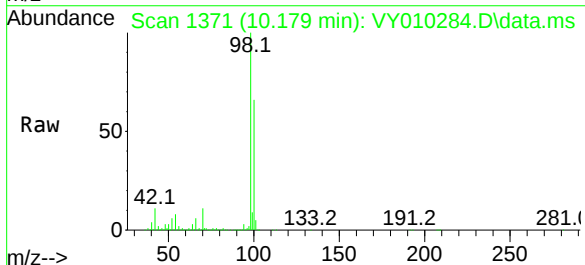
Instrument :
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ClientSampleId :
EP-1

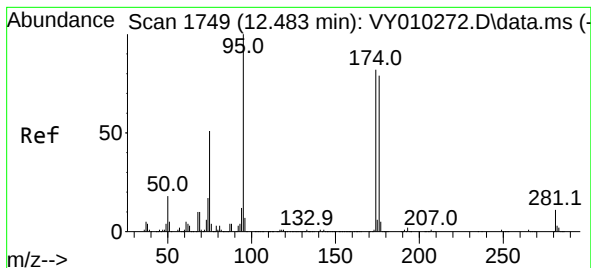
Tgt Ion:117 Resp: 29438
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.752 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

Tgt Ion: 98 Resp: 611640
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

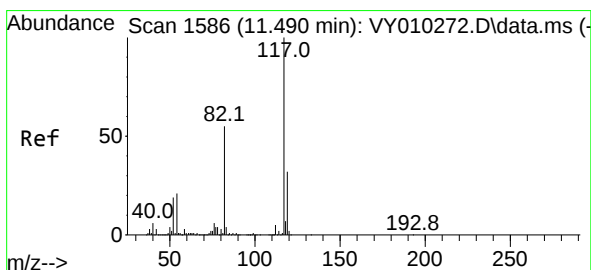
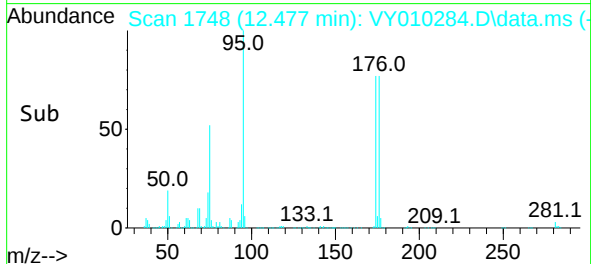
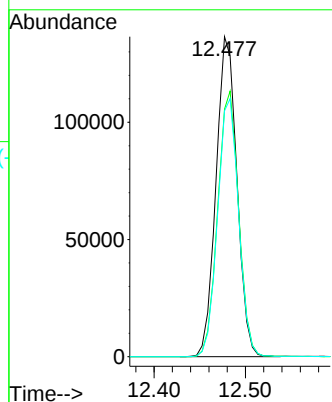
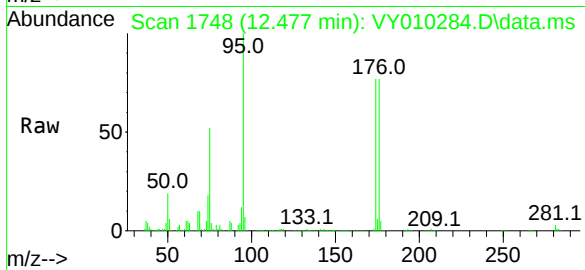




#62
4-Bromofluorobenzene
Concen: 47.172 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

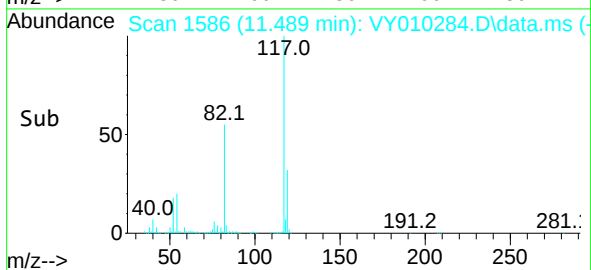
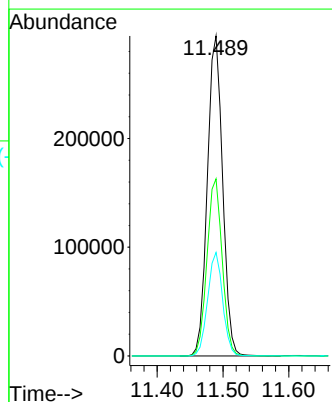
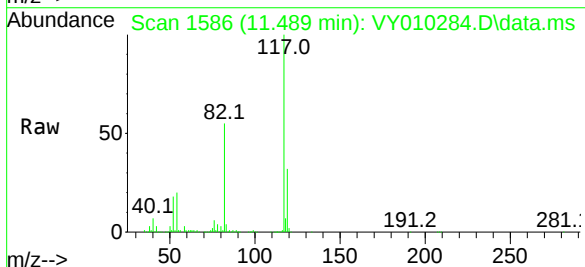
Instrument :
MSVOA_Y
ClientSampleId :
EP-1

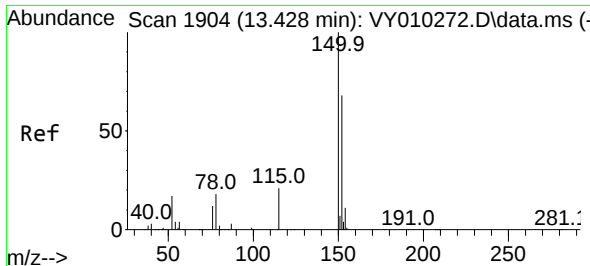
Tgt Ion: 95 Resp: 216596
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

Tgt Ion: 117 Resp: 475161
Ion Ratio Lower Upper
117 100
82 55.4 43.0 64.4
119 32.4 25.4 38.0

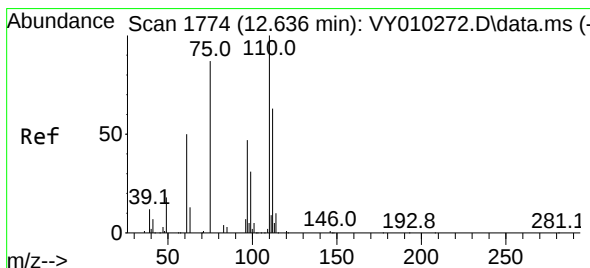
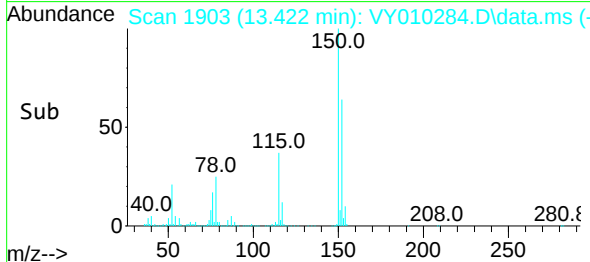
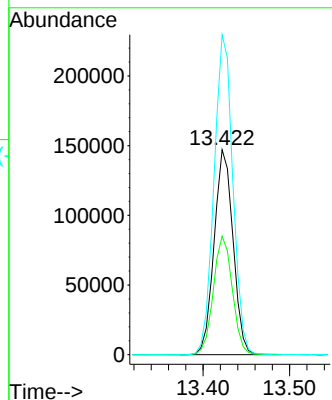
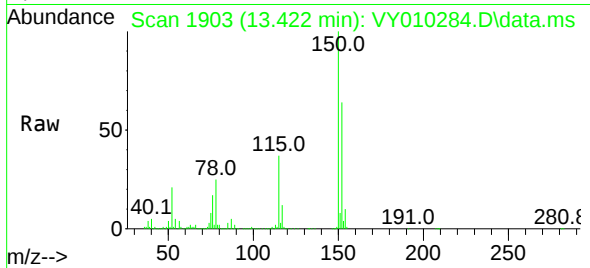




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

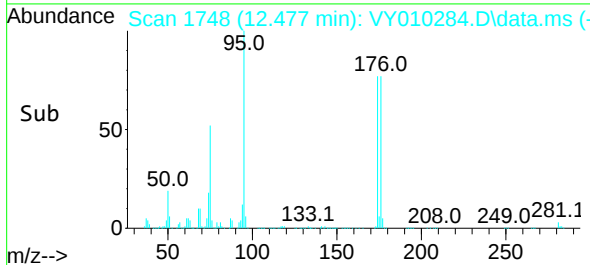
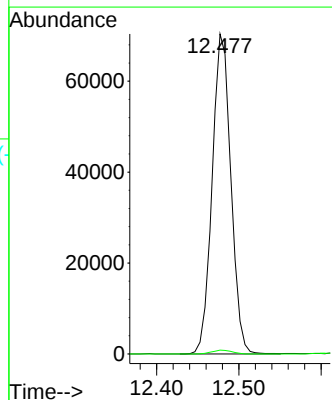
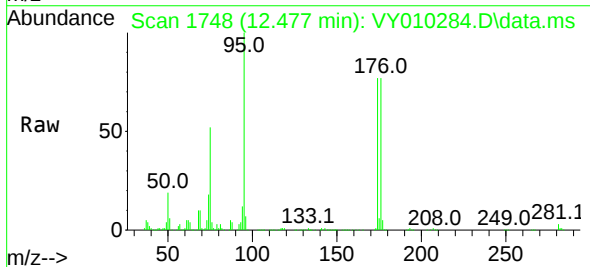
Instrument :
MSVOA_Y
ClientSampleId :
EP-1

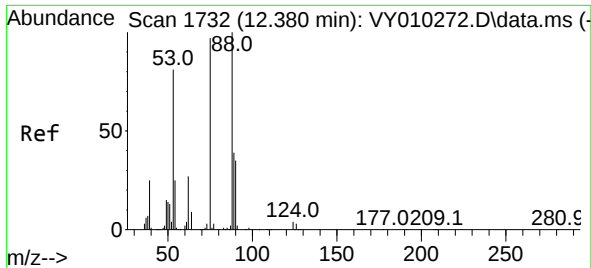
Tgt Ion:152 Resp: 223225
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 155.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 41.889 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010284.D
Acq: 02 Sep 2022 17:17

Tgt Ion: 75 Resp: 111276
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.385 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010284.D
 Acq: 02 Sep 2022 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-1

Tgt Ion: 75 Resp: 111276
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

