

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008927.D
 Acq On : 21 May 2022 01:15
 Operator : KP/MD
 Sample : N2916-01
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-1

Quant Time: May 21 02:48:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

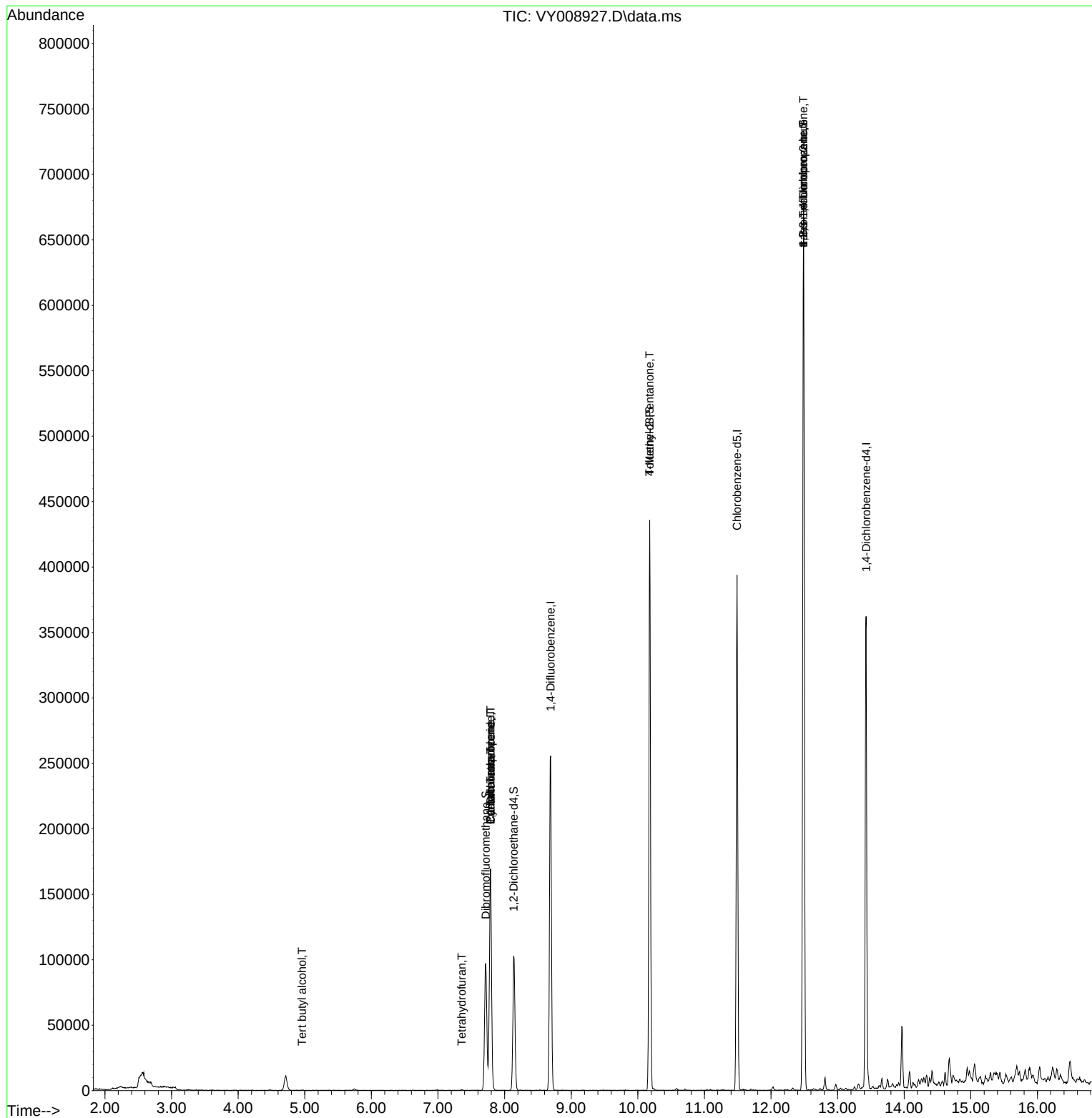
Internal Standards						
1) Pentafluorobenzene	7.789	168	128920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77472	58.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.780%			
35) Dibromofluoromethane	7.716	113	67543	49.364	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.720%			
50) Toluene-d8	10.179	98	271843	53.855	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.483	95	84616	41.556	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.120%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	377	2.801	ug/l #	77
20) Methylene Chloride	4.716	84	7895	Below Cal	#	81
29) Tetrahydrofuran	7.356	42	346	1.033	ug/l #	38
31) Cyclohexane	7.789	56	3402	1.311	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	10258	4.405	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13077	5.369	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1314	1.057	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	51436	54.395	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51436	111.645	ug/l #	8

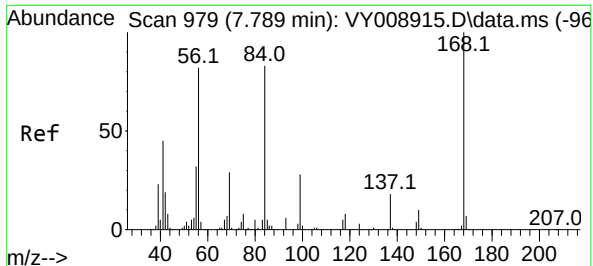
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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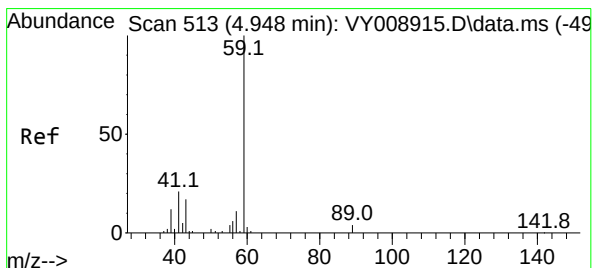
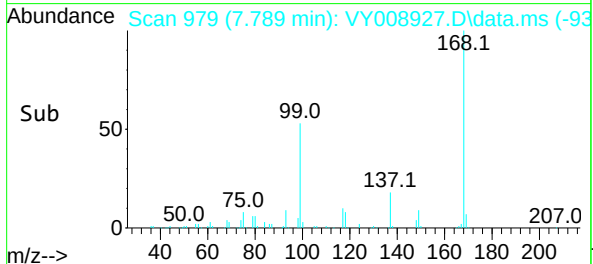
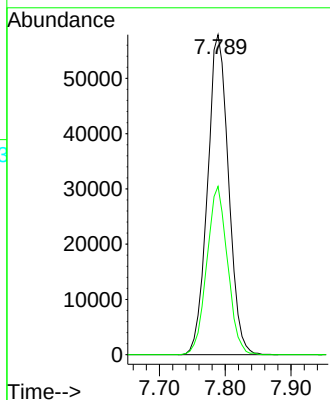
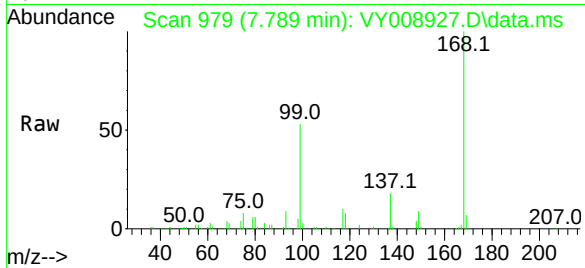




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

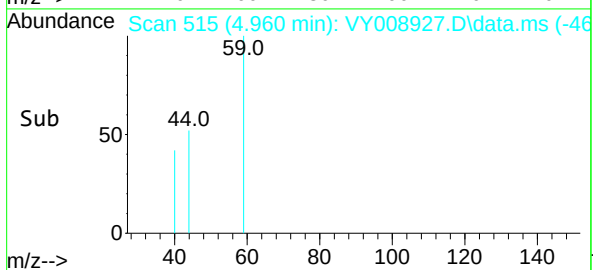
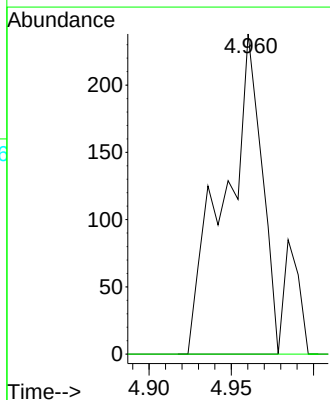
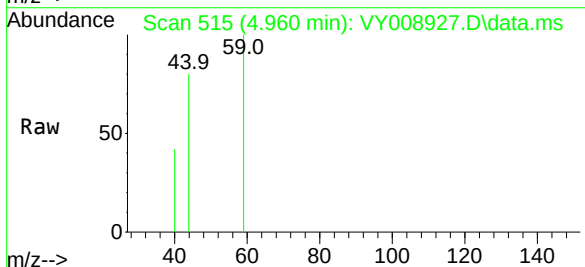
Instrument :
MSVOA_Y
ClientSampleId :
UST-1

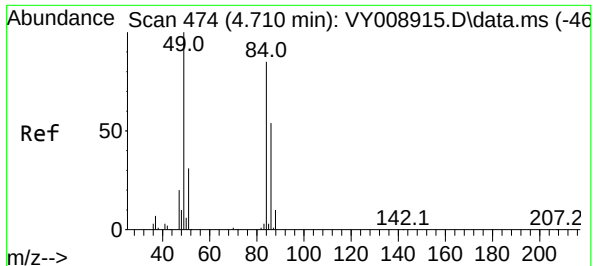
Tgt Ion:168 Resp: 128920
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.801 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

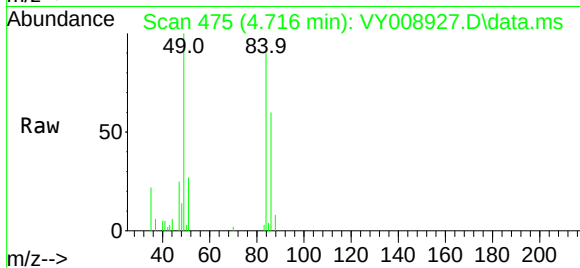
Tgt Ion: 59 Resp: 377
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



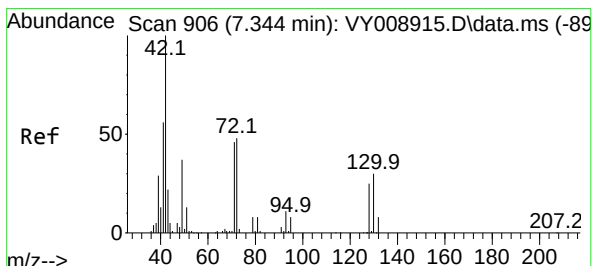
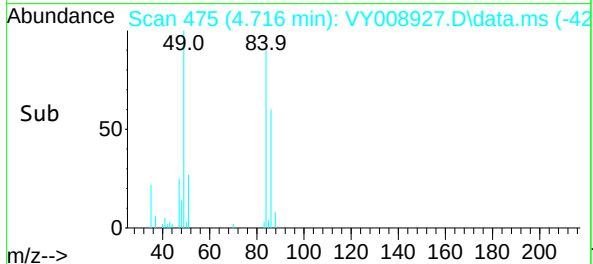
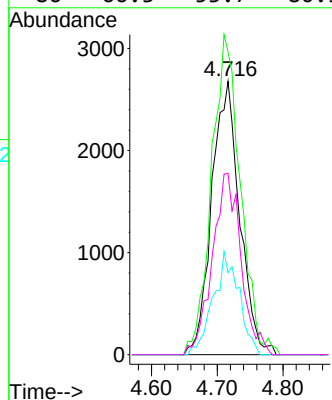


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Instrument :
MSVOA_Y
ClientSampleId :
UST-1

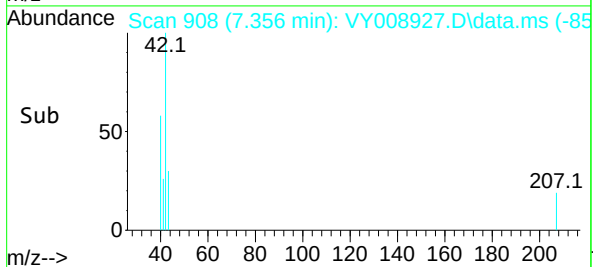
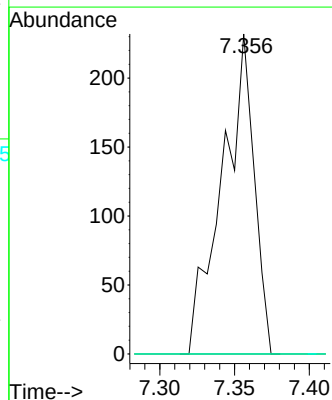
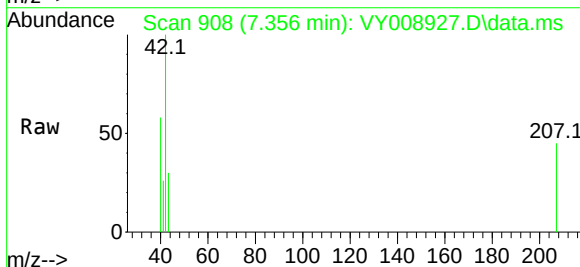


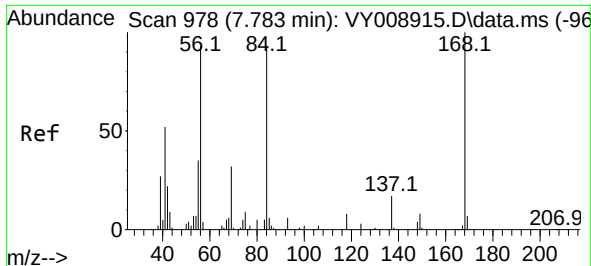
Tgt Ion: 84 Resp: 7895
Ion Ratio Lower Upper
84 100
49 110.8 114.4 171.6#
51 30.0 35.3 52.9#
86 66.3 53.7 80.5



#29
Tetrahydrofuran
Concen: 1.033 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

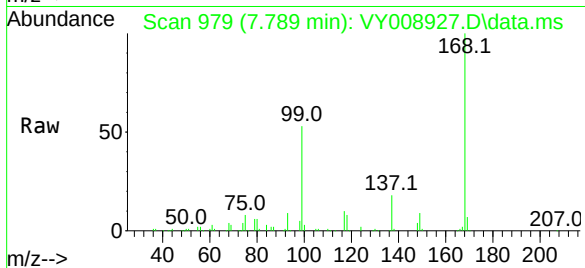
Tgt Ion: 42 Resp: 346
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



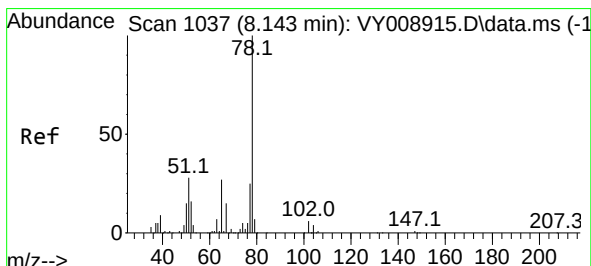
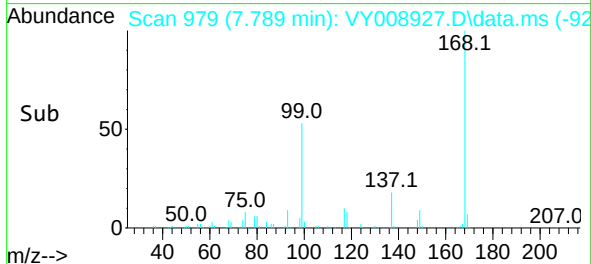
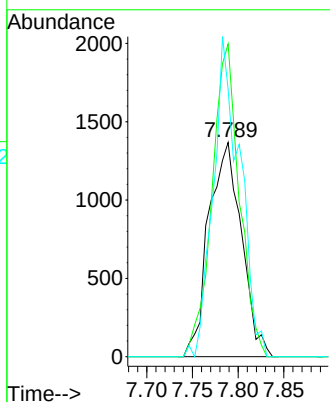


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Instrument :
MSVOA_Y
ClientSampleId :
UST-1

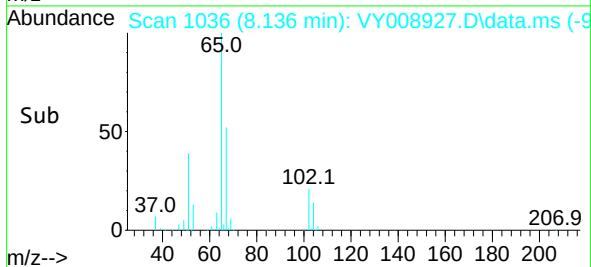
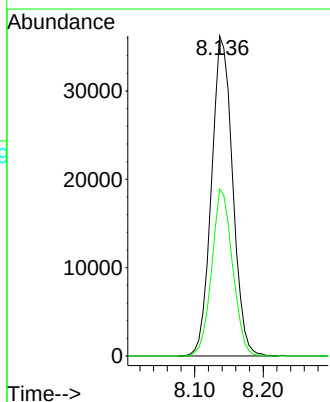
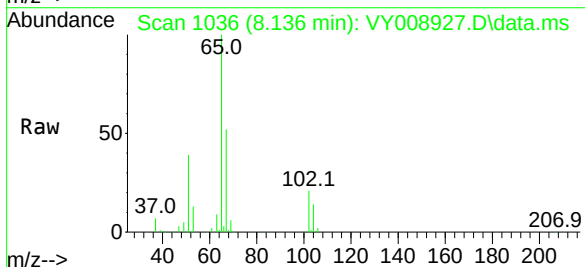


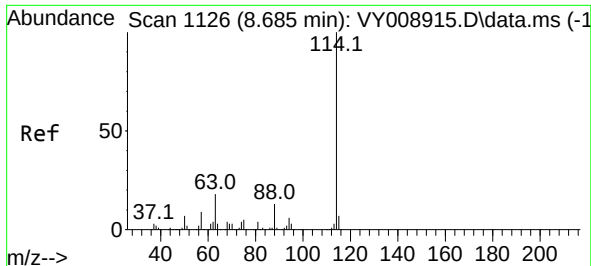
Tgt Ion: 56 Resp: 3402
Ion Ratio Lower Upper
56 100
69 146.0 26.7 40.1#
84 124.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 58.389 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion: 65 Resp: 77472
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008927.D

Acq: 21 May 2022 01:15

Instrument :

MSVOA_Y

ClientSampleId :

UST-1

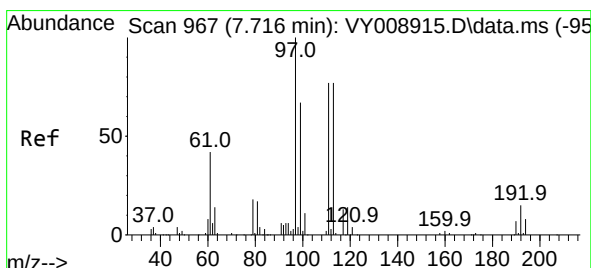
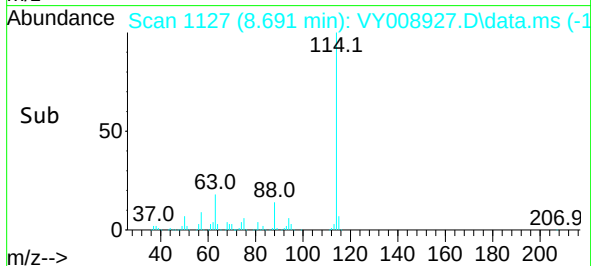
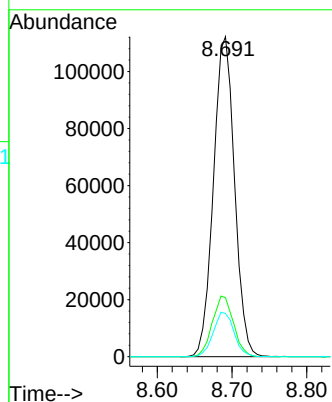
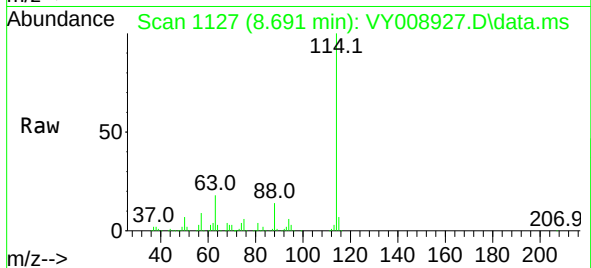
Tgt Ion:114 Resp: 220033

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.364 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008927.D

Acq: 21 May 2022 01:15

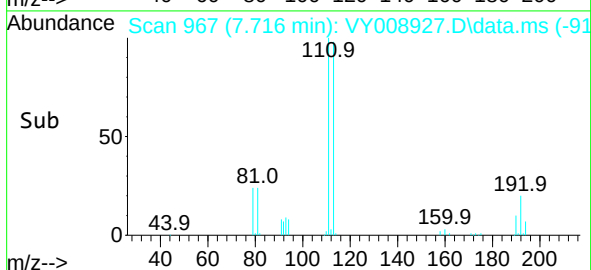
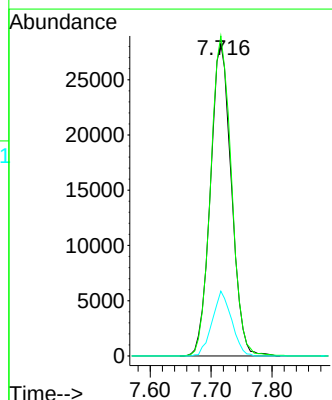
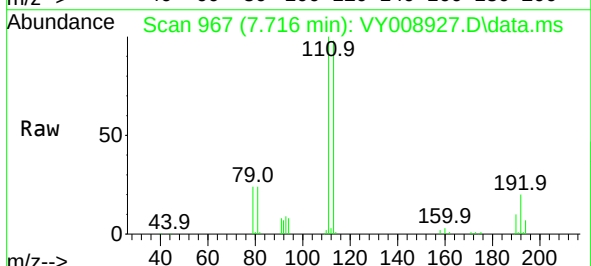
Tgt Ion:113 Resp: 67543

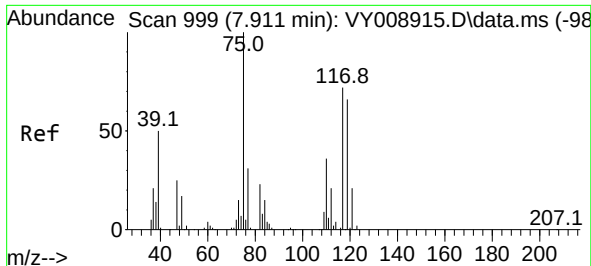
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.2 17.6 26.4

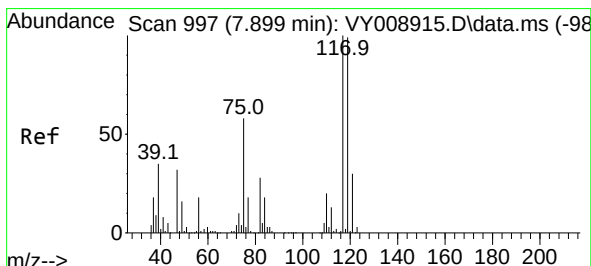
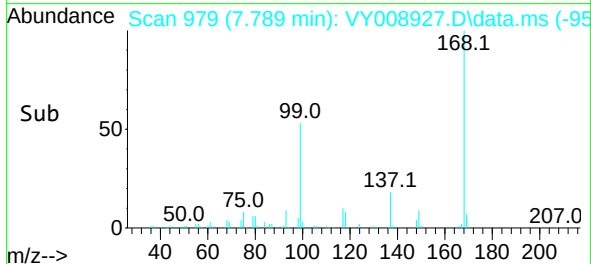
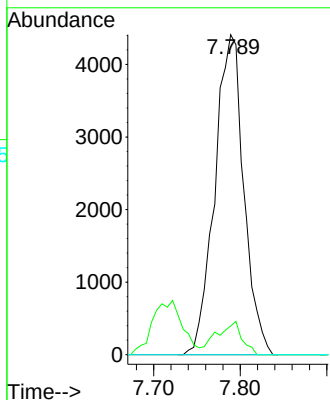
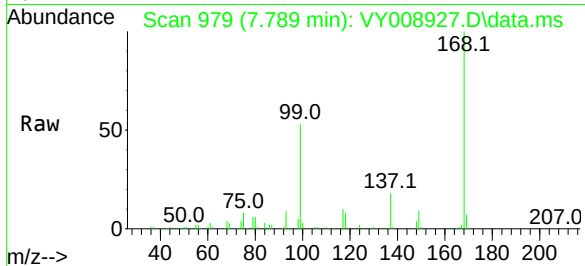




#36
1,1-Dichloropropene
Concen: 4.405 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

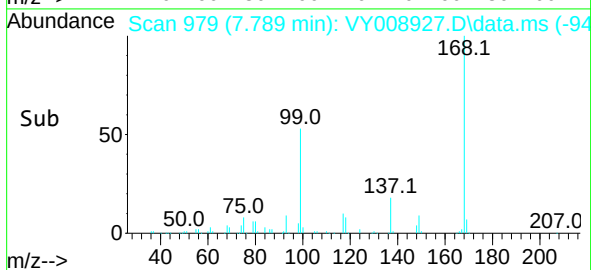
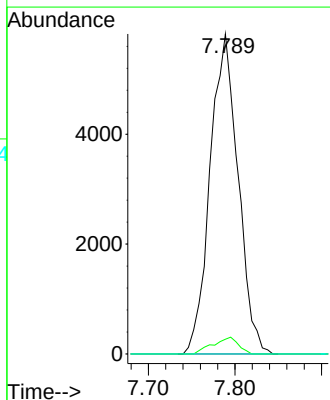
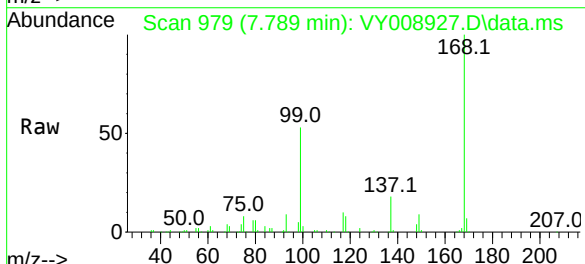
Instrument :
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ClientSampleId :
UST-1

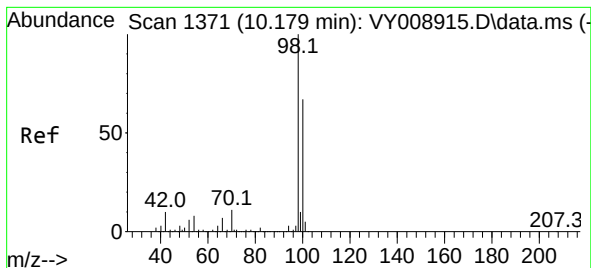
Tgt Ion: 75 Resp: 10258
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.369 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion: 117 Resp: 13077
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#

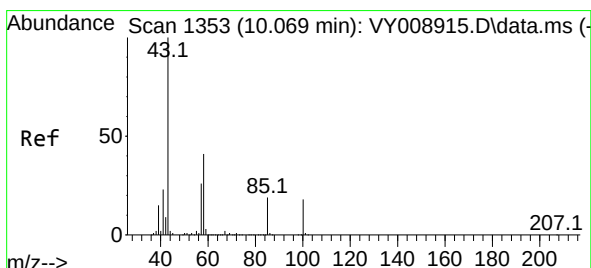
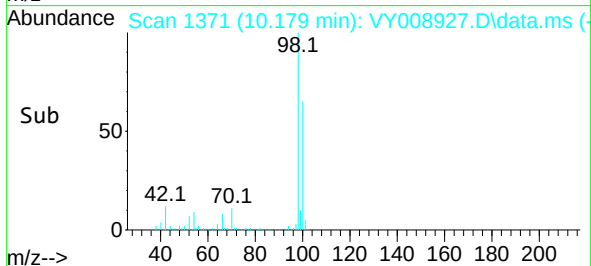
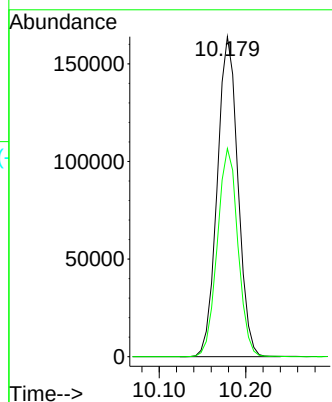
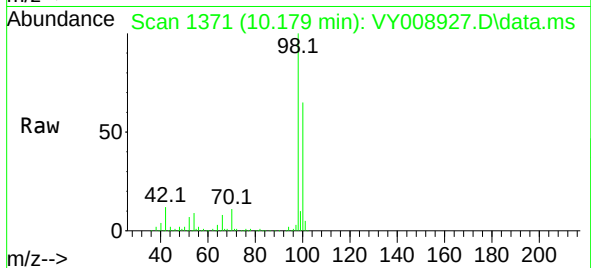




#50
Toluene-d8
Concen: 53.855 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

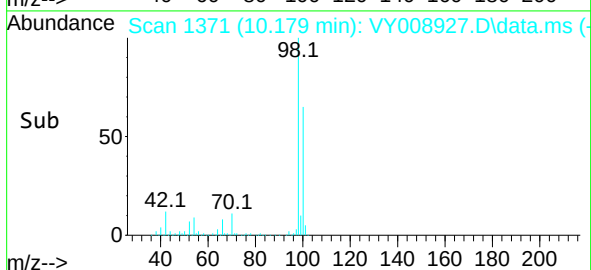
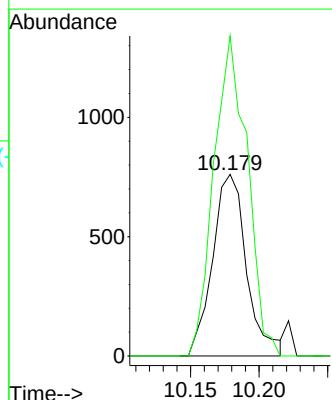
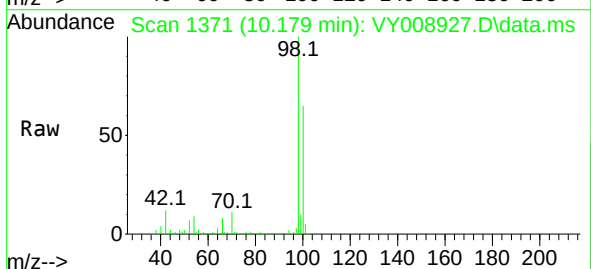
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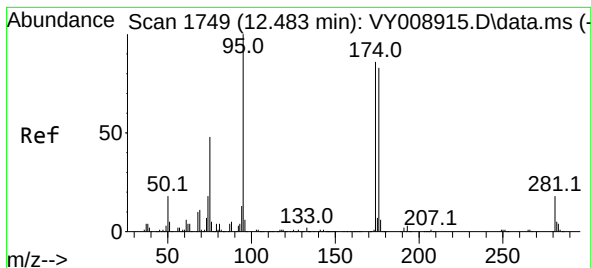
Tgt Ion: 98 Resp: 271843
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.057 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 173.7 28.1 42.1#

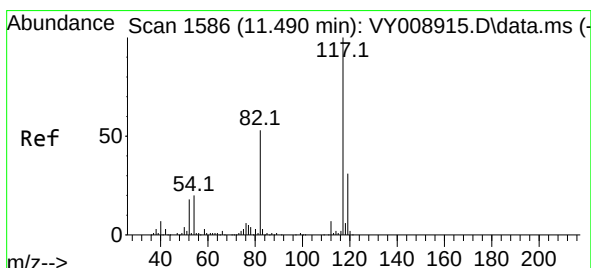
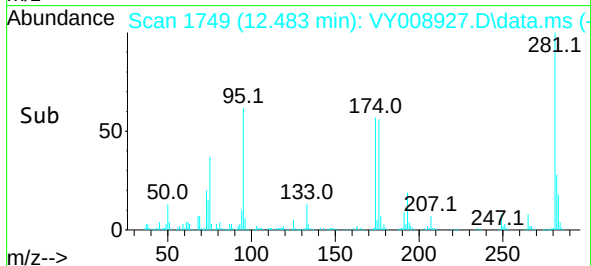
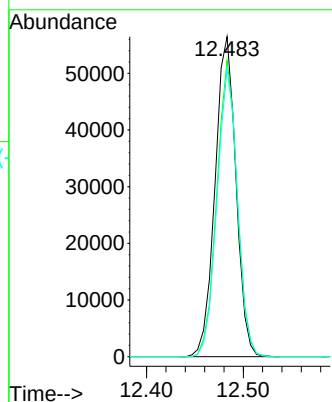
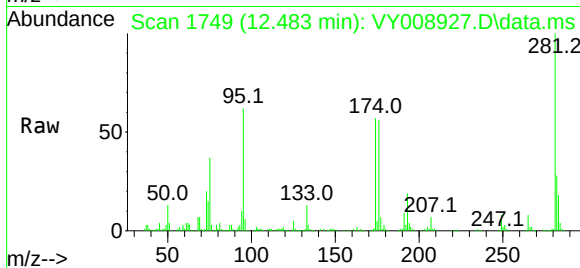




#62
4-Bromofluorobenzene
Concen: 41.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

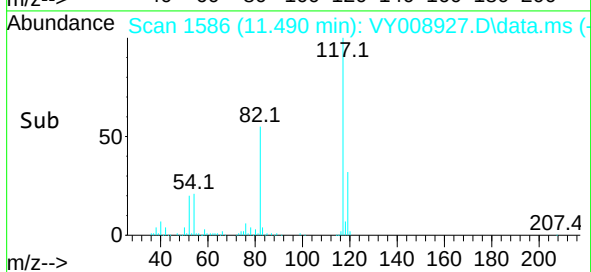
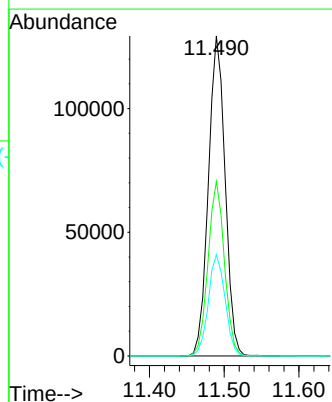
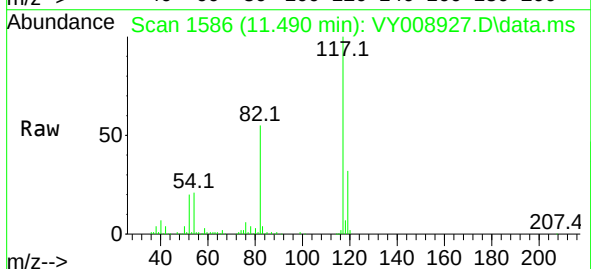
Instrument :
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ClientSampleId :
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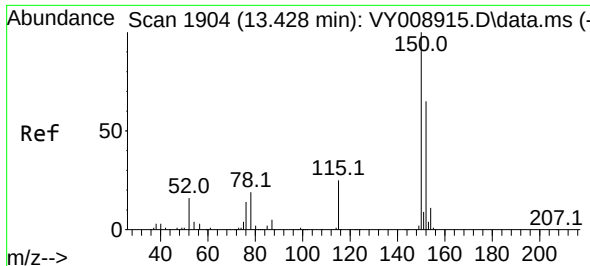
Tgt Ion: 95 Resp: 84616
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008927.D
Acq: 21 May 2022 01:15

Tgt Ion: 117 Resp: 200718
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.7 25.4 38.0

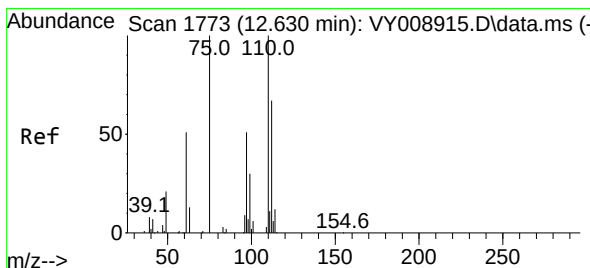
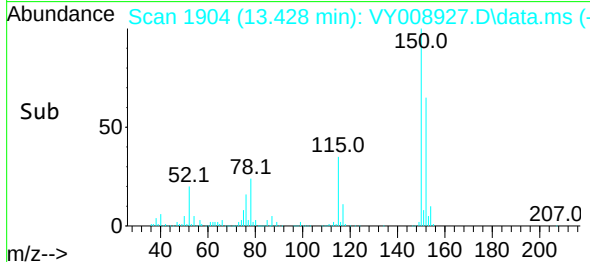
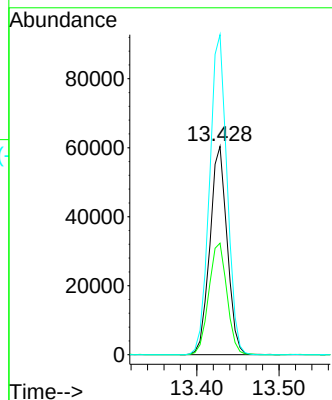
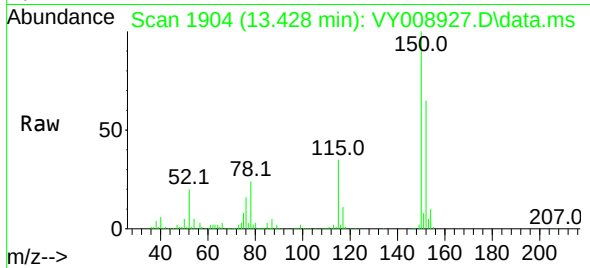




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008927.D
 Acq: 21 May 2022 01:15

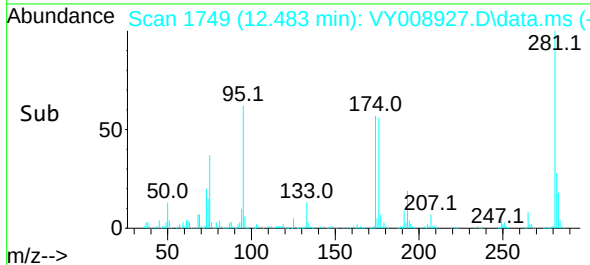
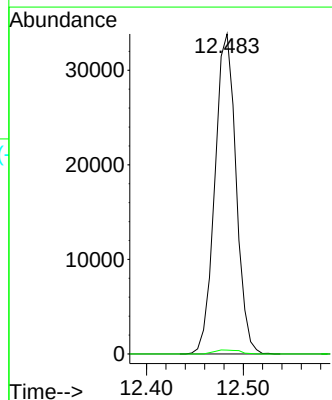
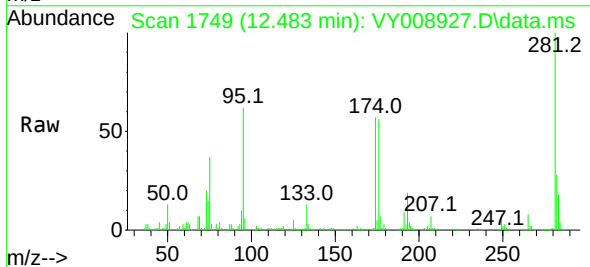
Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-1

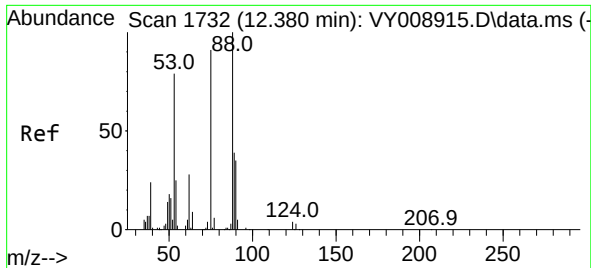
Tgt Ion:152 Resp: 88055
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 155.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.395 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008927.D
 Acq: 21 May 2022 01:15

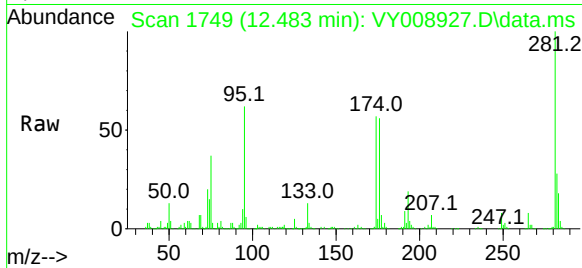
Tgt Ion: 75 Resp: 51436
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.645 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008927.D
 Acq: 21 May 2022 01:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-1



Tgt Ion: 75 Resp: 51436
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 2.4 37.0 55.4#

