

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010298.D
 Acq On : 03 Sep 2022 00:15
 Operator : KP/MD
 Sample : N4379-02
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:09:27 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)

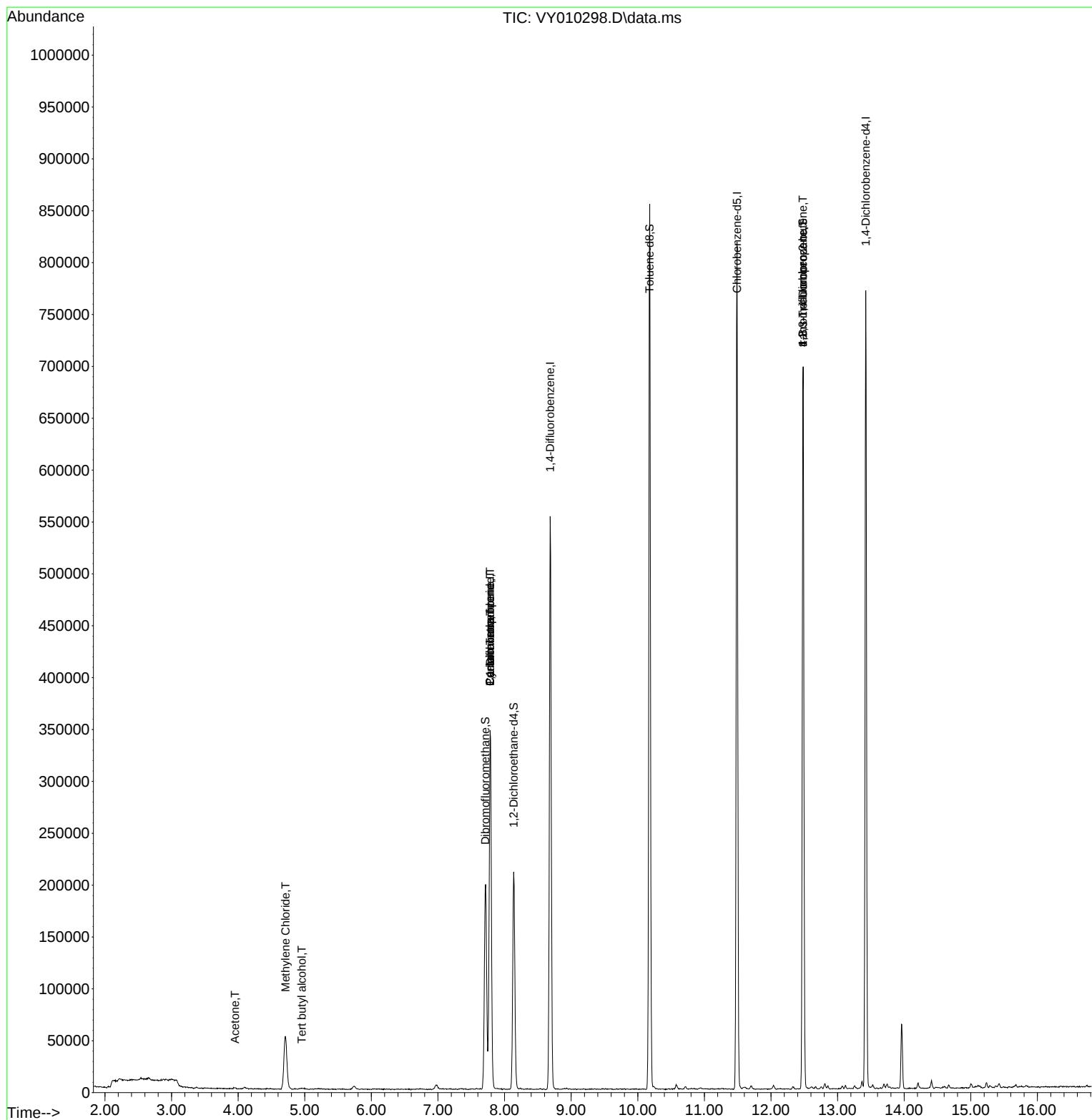
Internal Standards						
1) Pentafluorobenzene	7.783	168	276472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	471938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	441679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	164506	58.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.060%			
35) Dibromofluoromethane	7.710	113	143506	45.677	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.360%			
50) Toluene-d8	10.179	98	563051	53.529	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.060%			
62) 4-Bromofluorobenzene	12.477	95	199321	46.928	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.860%			
Target Compounds						
5) Bromomethane	2.656	94	1392	Below Cal	Qvalue 97	
11) Tert butyl alcohol	4.954	59	1881	5.546 ug/l #	90	
16) Acetone	3.954	43	1874	2.644 ug/l #	84	
20) Methylene Chloride	4.710	84	40037	11.707 ug/l	90	
31) Cyclohexane	7.783	56	5801	1.049 ug/l #	1	
36) 1,1-Dichloropropene	7.783	75	20925	4.539 ug/l #	51	
38) Carbon Tetrachloride	7.783	117	26587	5.596 ug/l #	16	
58) 2-Chloroethyl Vinyl ether	9.770	63	64	Below Cal #	48	
76) 1,2,3-Trichloropropane	12.477	75	103000	43.588 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.477	75	103000	90.930 ug/l #	7	

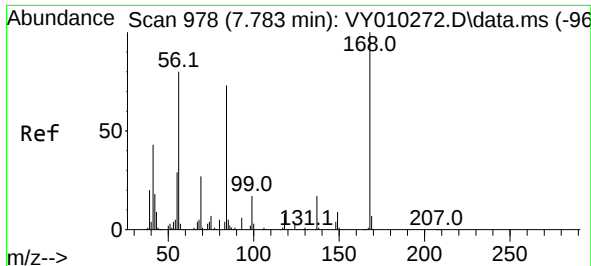
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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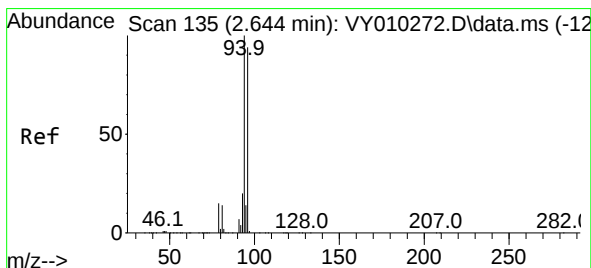
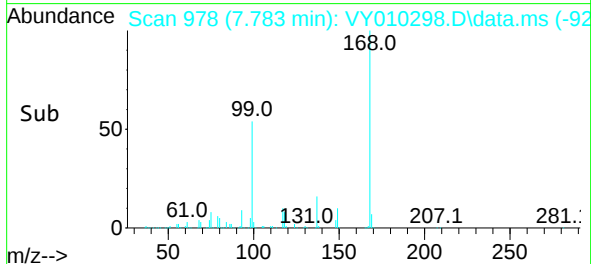
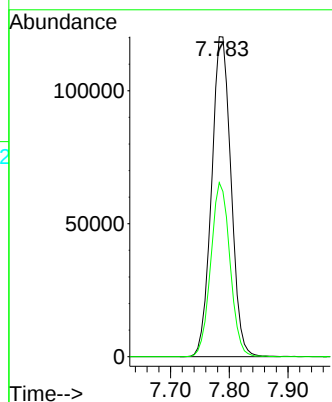
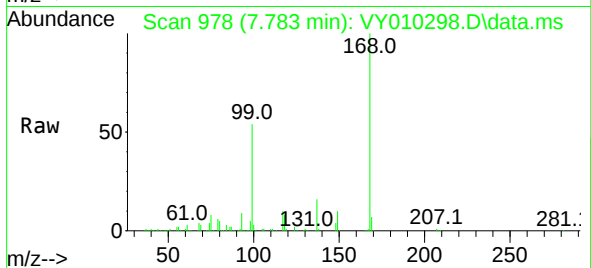




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

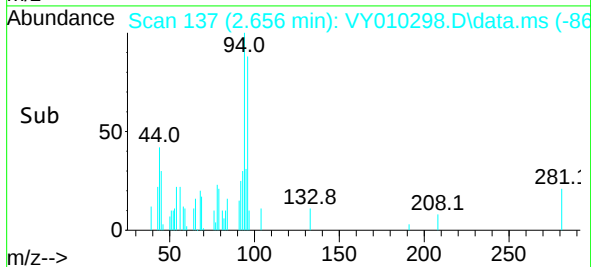
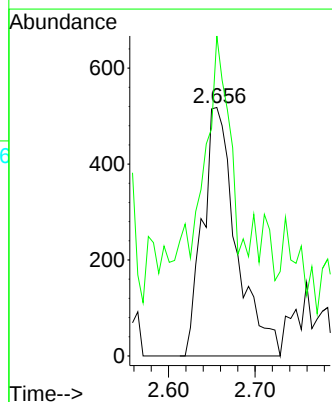
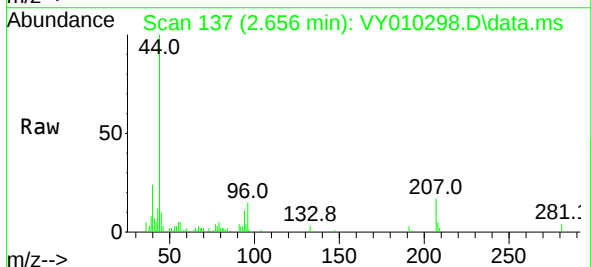
Instrument :
MSVOA_Y
ClientSampleId :

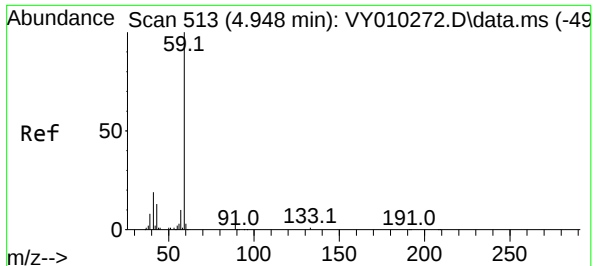
Tgt Ion:168 Resp: 276472
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Tgt Ion: 94 Resp: 1392
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3





#11

Tert butyl alcohol

Concen: 5.546 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010298.D

Acq: 03 Sep 2022 00:15

Instrument :

MSVOA_Y

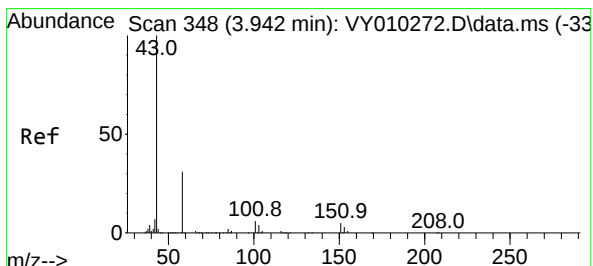
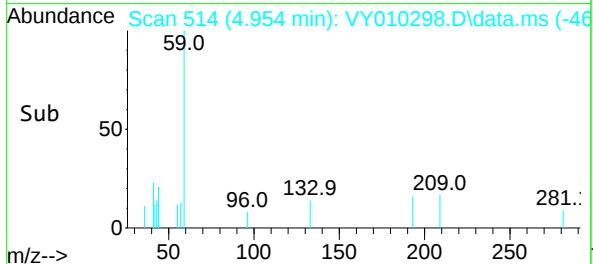
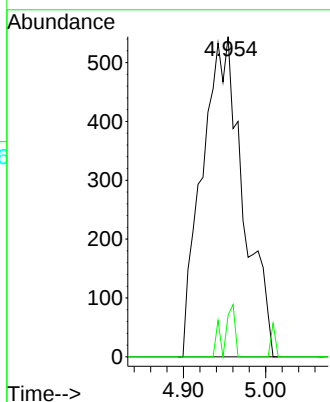
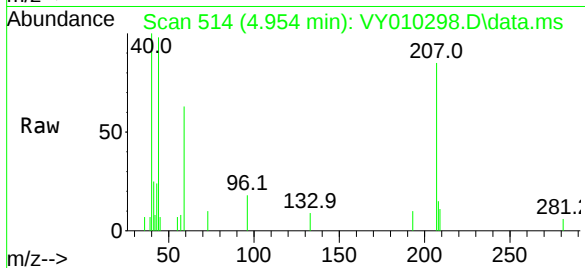
ClientSampleId :

Tgt Ion: 59 Resp: 1881

Ion Ratio Lower Upper

59 100

57 4.3 6.4 9.6#



#16

Acetone

Concen: 2.644 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY010298.D

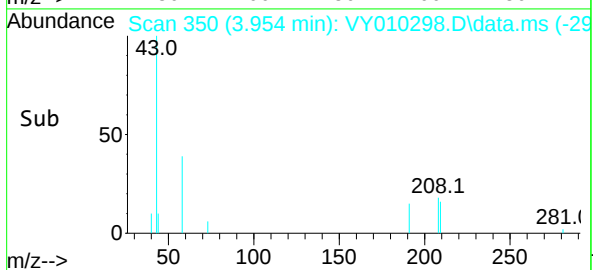
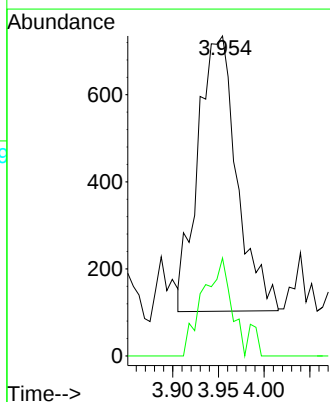
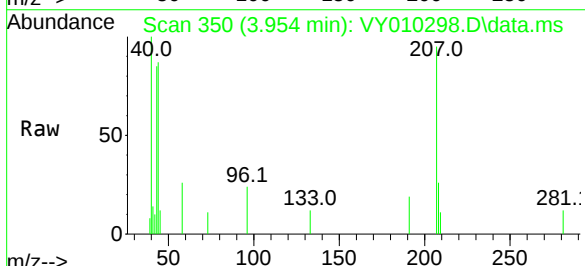
Acq: 03 Sep 2022 00:15

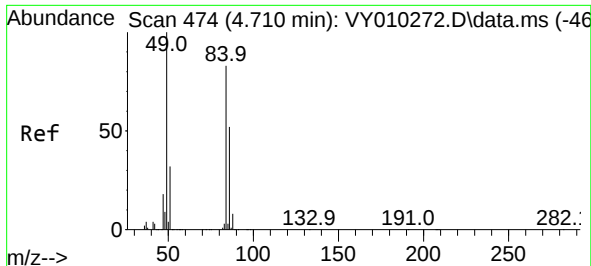
Tgt Ion: 43 Resp: 1874

Ion Ratio Lower Upper

43 100

58 35.9 22.0 33.0#





#20

Methylene Chloride

Concen: 11.707 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

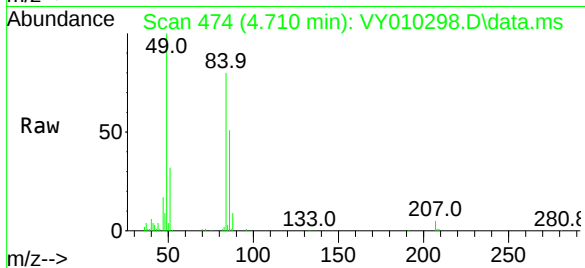
Lab File: VY010298.D

Acq: 03 Sep 2022 00:15

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 40037

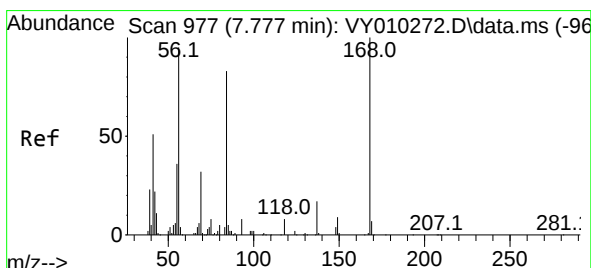
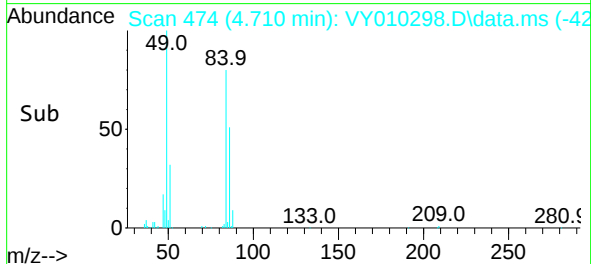
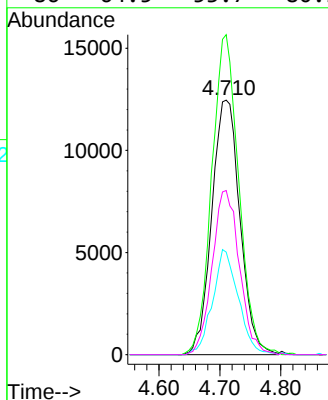
Ion Ratio Lower Upper

84 100

49 125.7 114.4 171.6

51 40.3 35.3 52.9

86 64.5 53.7 80.5



#31

Cyclohexane

Concen: 1.049 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010298.D

Acq: 03 Sep 2022 00:15

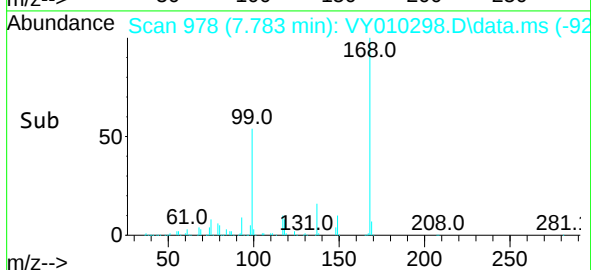
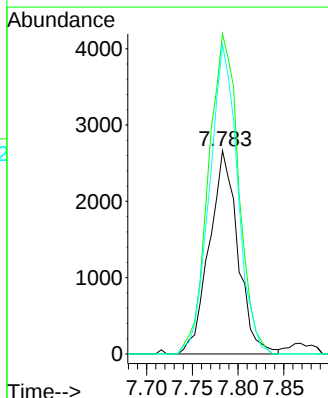
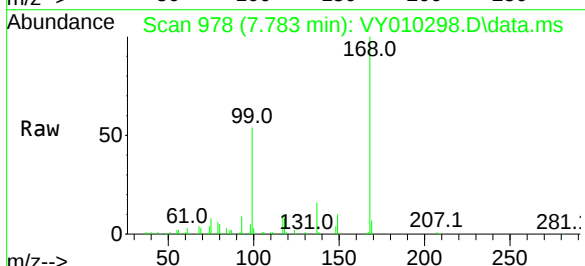
Tgt Ion: 56 Resp: 5801

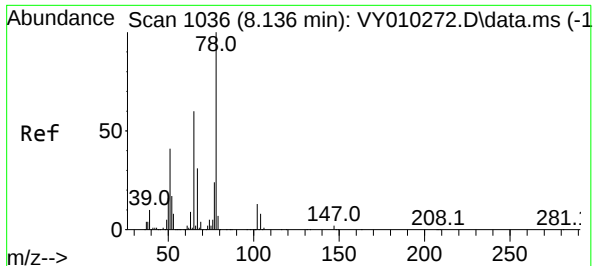
Ion Ratio Lower Upper

56 100

69 157.4 26.7 40.1#

84 152.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.029 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010298.D

Acq: 03 Sep 2022 00:15

Instrument :

MSVOA_Y

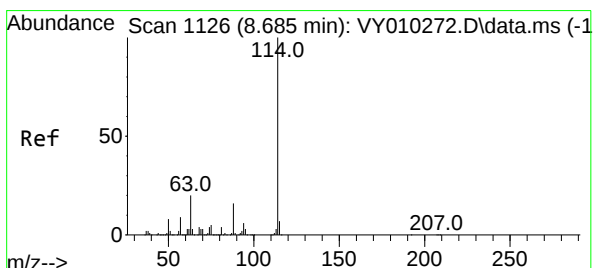
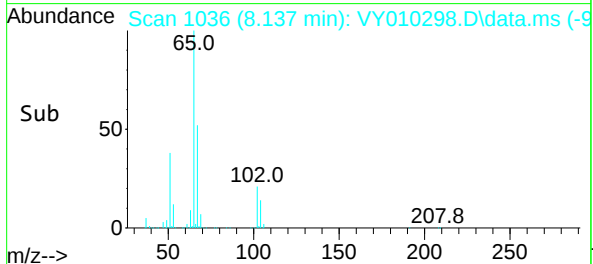
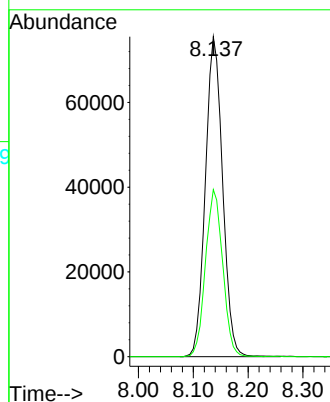
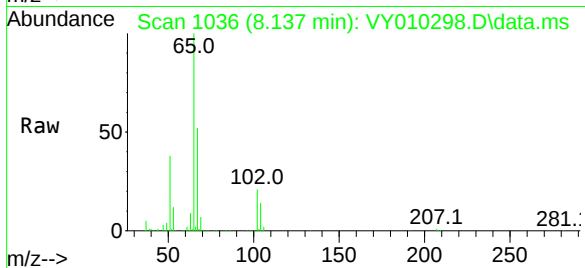
ClientSampleId :

Tgt Ion: 65 Resp: 164506

Ion Ratio Lower Upper

65 100

67 52.1 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: VY010298.D

Acq: 03 Sep 2022 00:15

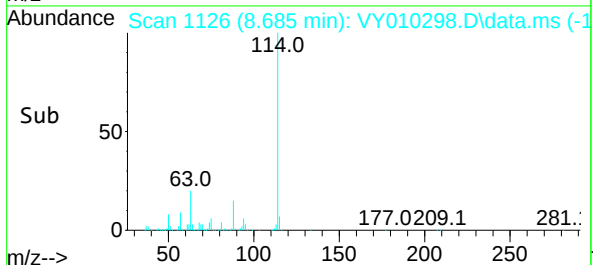
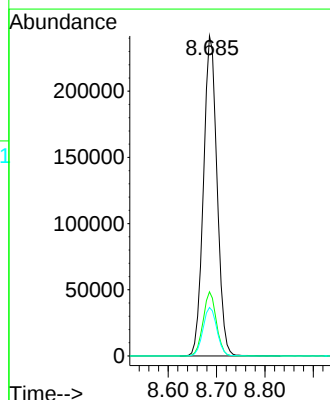
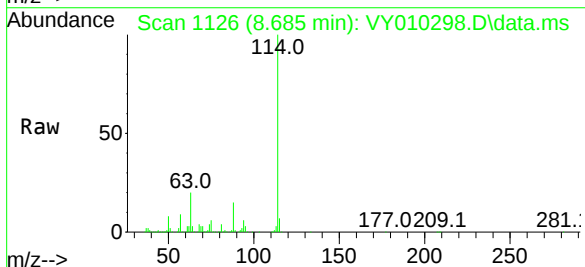
Tgt Ion: 114 Resp: 471938

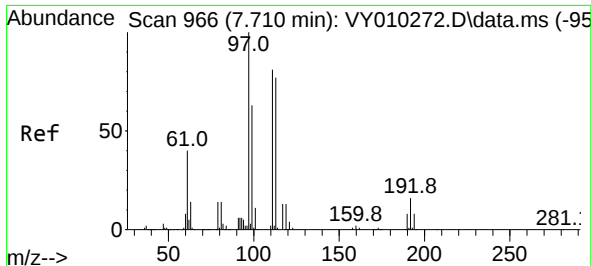
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

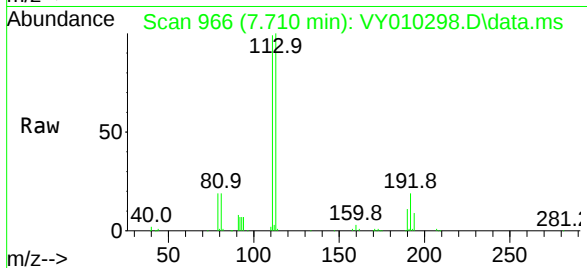
88 15.2 0.0 31.8



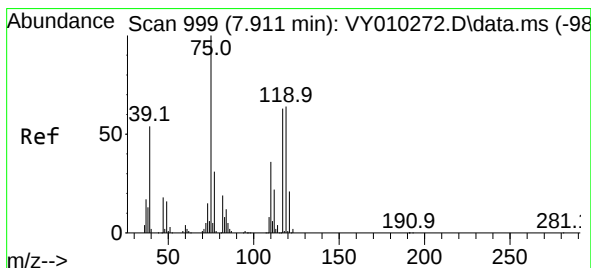
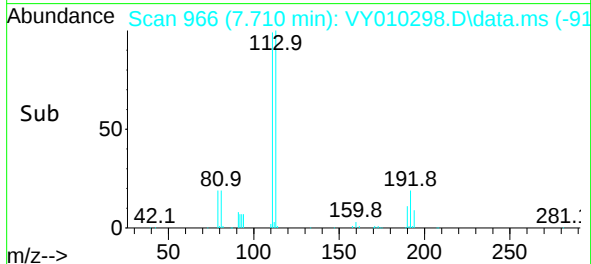
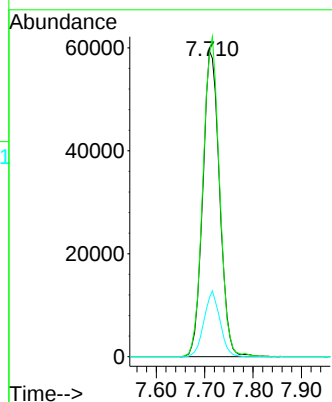


#35
Dibromofluoromethane
Concen: 45.677 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Instrument :
MSVOA_Y
ClientSampleId :

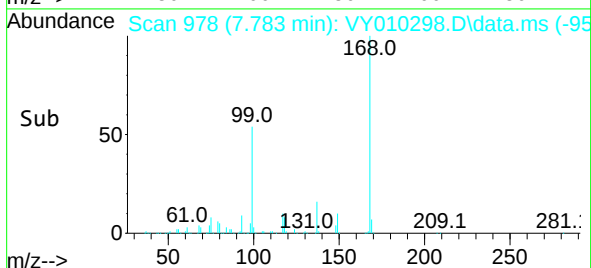
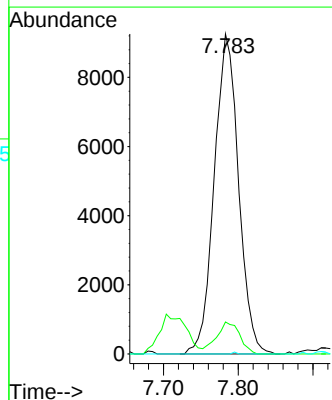
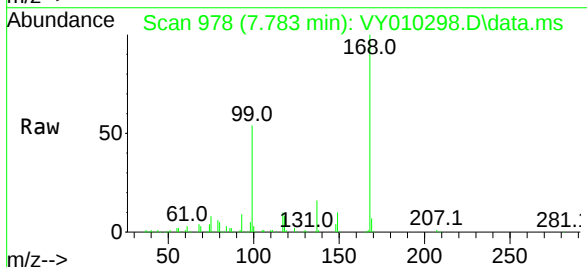


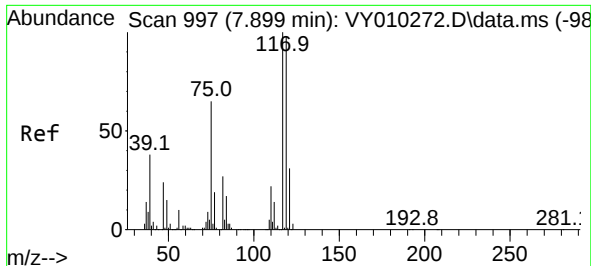
Tgt Ion:113 Resp: 143506
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

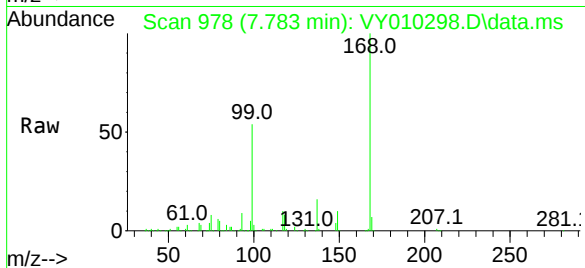
Tgt Ion: 75 Resp: 20925
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.1 24.4 36.6#



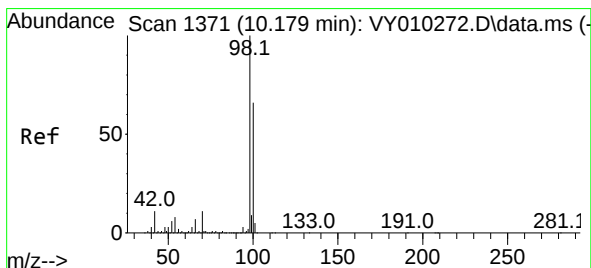
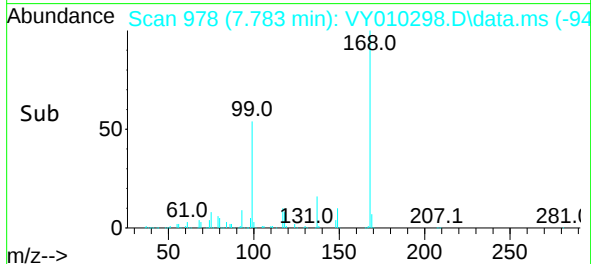
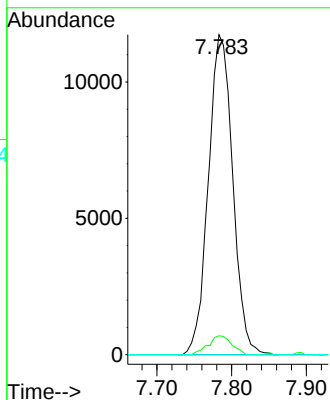


#38
Carbon Tetrachloride
Concen: 5.596 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Instrument :
MSVOA_Y
ClientSampleId :

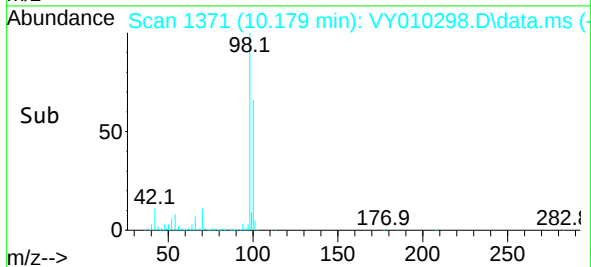
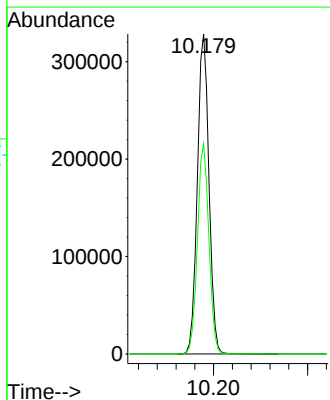
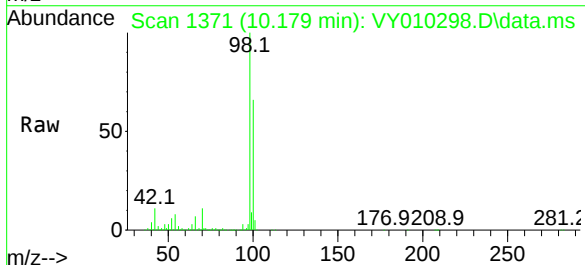


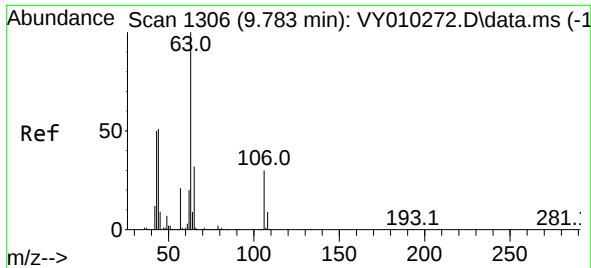
Tgt Ion:117 Resp: 26587
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.529 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Tgt Ion: 98 Resp: 563051
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

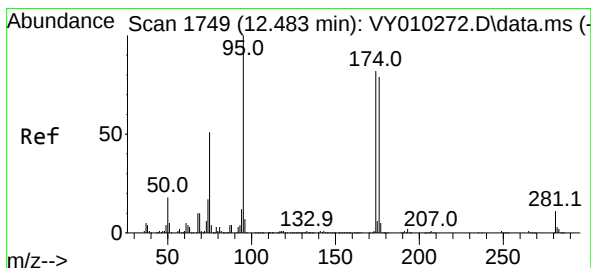
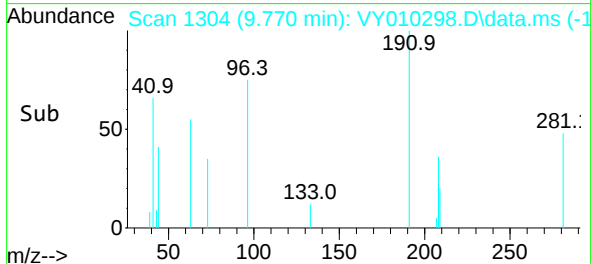
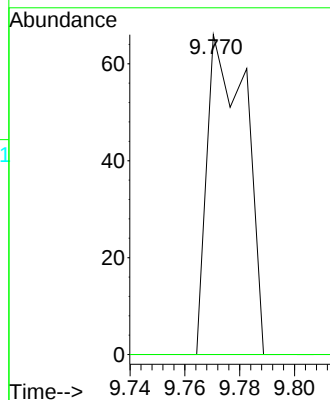
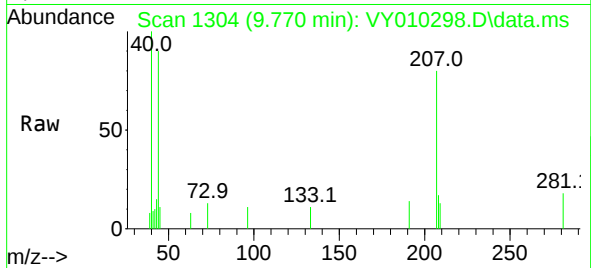




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.770 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

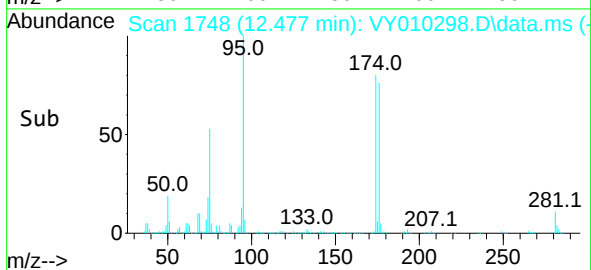
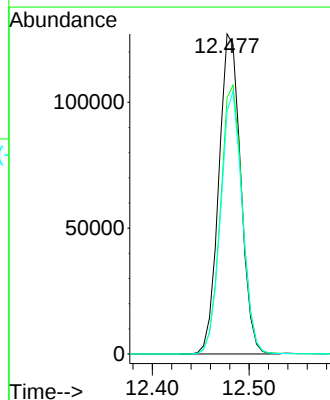
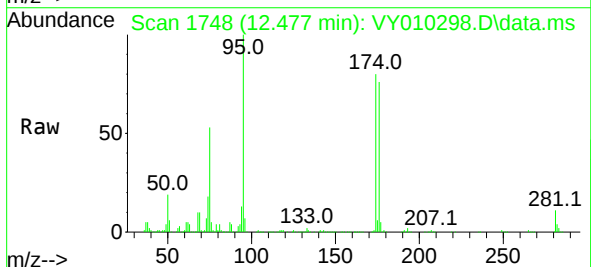
Instrument :
MSVOA_Y
ClientSampleId :

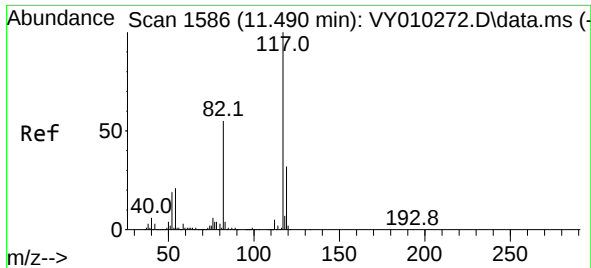
Tgt Ion: 63 Resp: 64
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 46.928 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Tgt Ion: 95 Resp: 199321
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 80.9 0.0 175.8

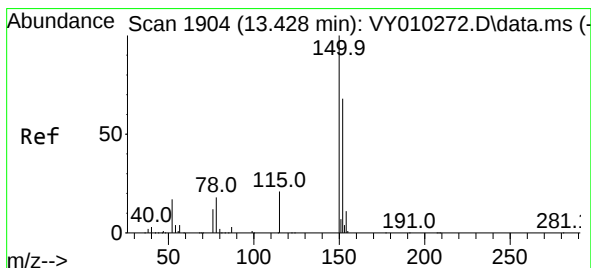
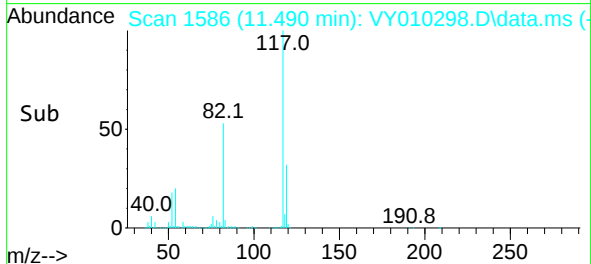
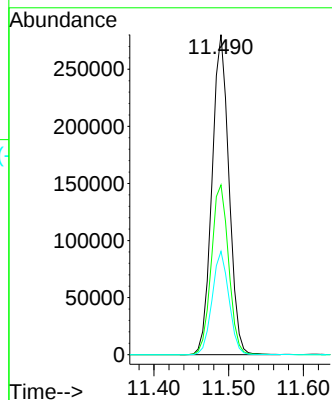
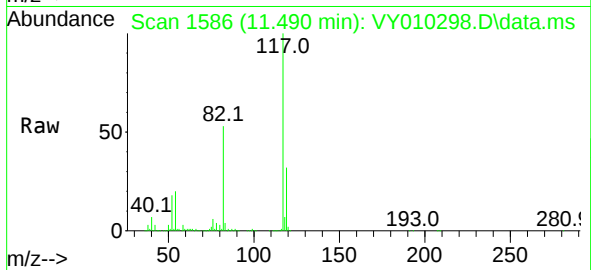




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

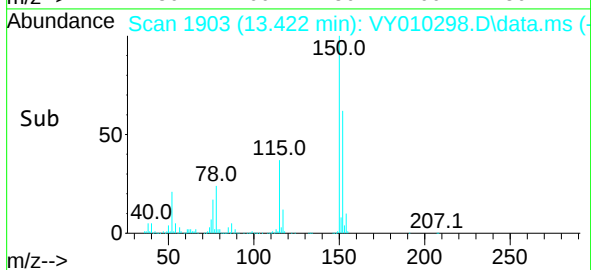
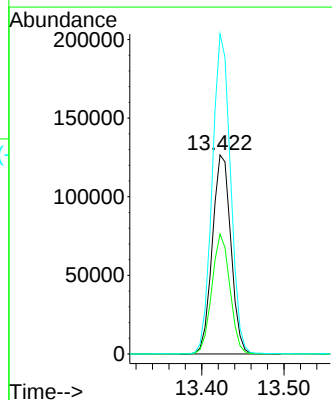
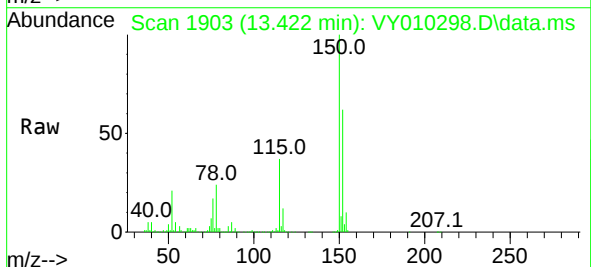
Instrument :
MSVOA_Y
ClientSampleId :

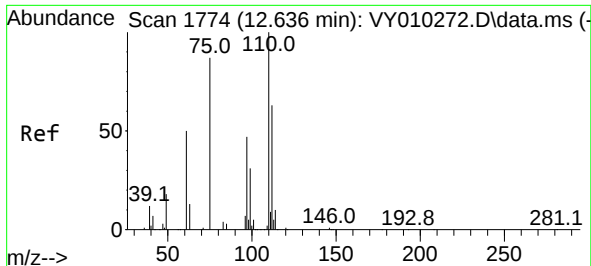
Tgt Ion:117 Resp: 441679
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Tgt Ion:152 Resp: 198566
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 158.0 0.0 347.6

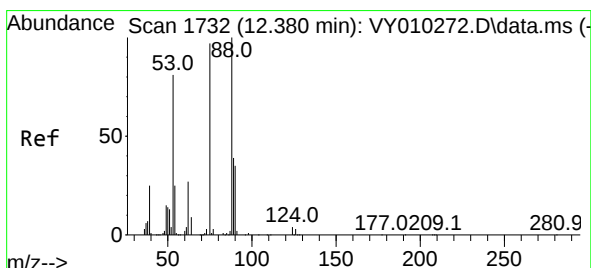
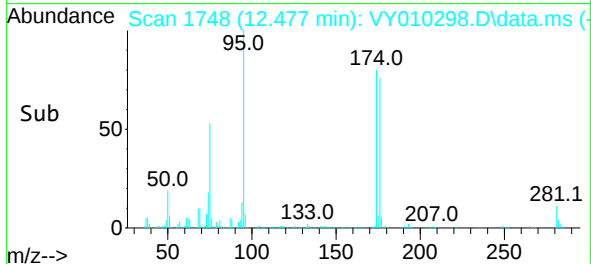
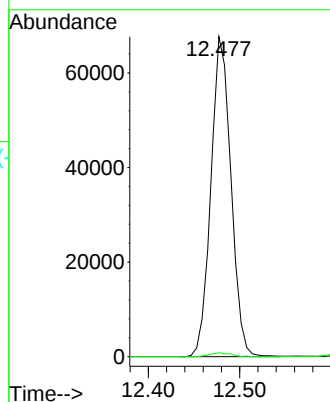
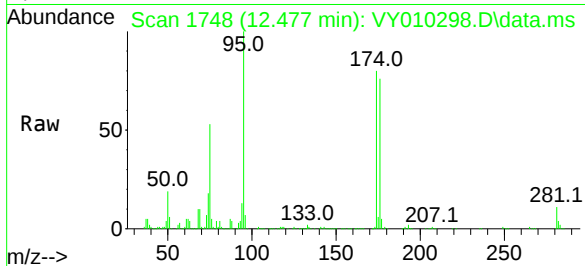




#76
1,2,3-Trichloropropane
Concen: 43.588 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 103000
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010298.D
Acq: 03 Sep 2022 00:15

Tgt Ion: 75 Resp: 103000
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

