

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010288.D
 Acq On : 02 Sep 2022 18:51
 Operator : KP/MD
 Sample : N4464-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 02 22:54:28 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)

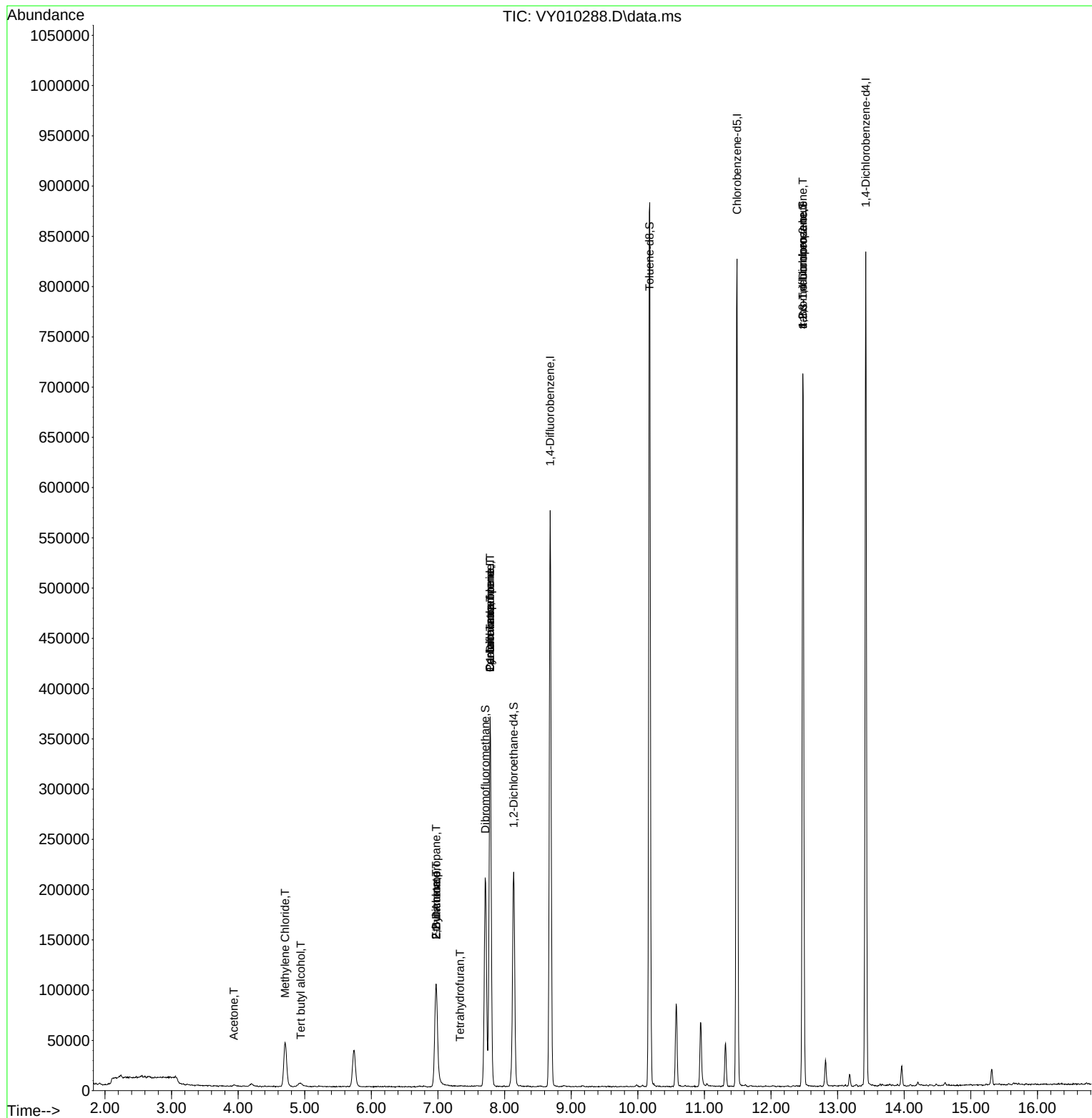
Internal Standards						
1) Pentafluorobenzene	7.783	168	287331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	460313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	209894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165527	56.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.360%
35) Dibromofluoromethane	7.710	113	149971	45.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.179	98	586060	53.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.477	95	208103	46.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.560%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	678	Below Cal	#	29
11) Tert butyl alcohol	4.942	59	5763	16.350	ug/l #	80
16) Acetone	3.936	43	2476	3.362	ug/l	100
20) Methylene Chloride	4.704	84	32944	9.269	ug/l	84
25) 2-Butanone	6.972	43	5939	4.913	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	7992	1.489	ug/l #	55
29) Tetrahydrofuran	7.332	42	995	1.285	ug/l #	55
31) Cyclohexane	7.783	56	5845	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20865	4.323	ug/l #	51
37) Ethyl Acetate	6.972	43	5939	2.146	ug/l #	1
38) Carbon Tetrachloride	7.783	117	27422	5.513	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	107380	42.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	107380	89.681	ug/l #	7

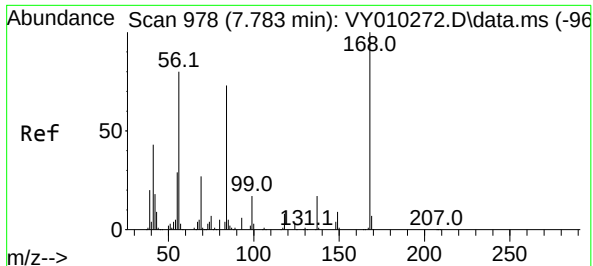
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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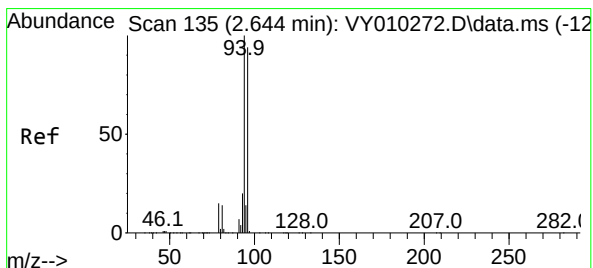
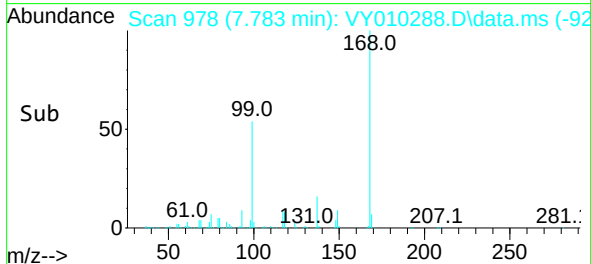
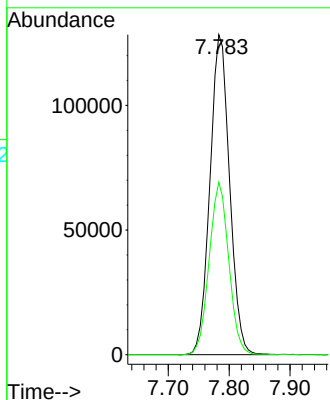
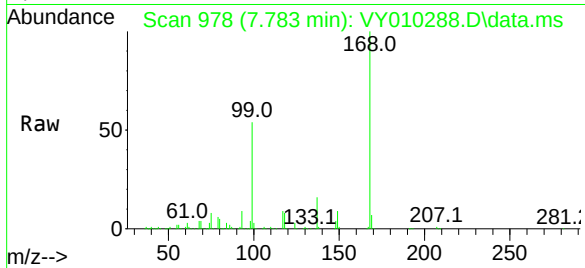




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

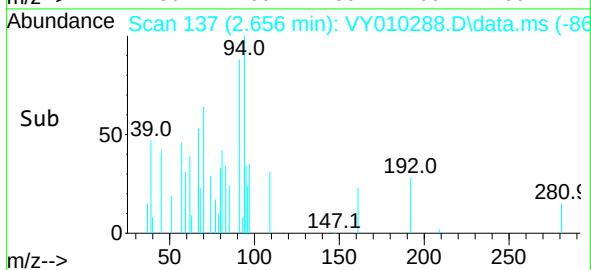
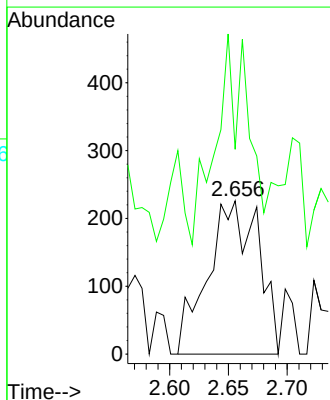
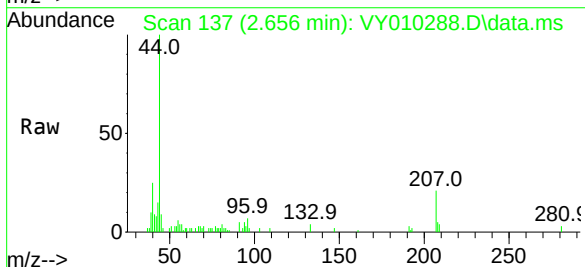
Instrument :
MSVOA_Y
ClientSampleId :

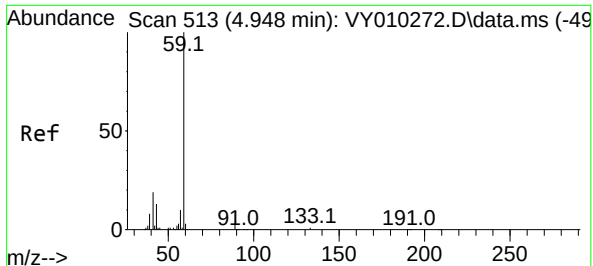
Tgt Ion:168 Resp: 287331
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

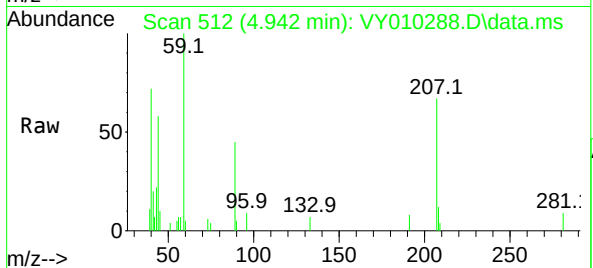
Tgt Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
96 23.9 73.5 110.3#



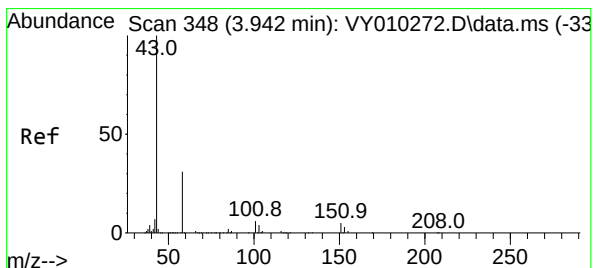
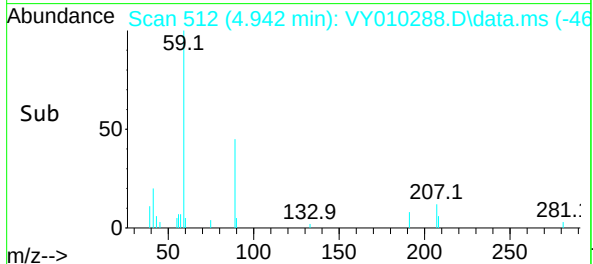
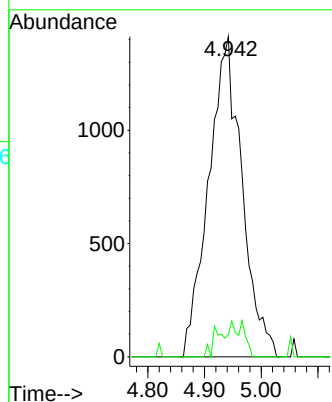


#11
Tert butyl alcohol
Concen: 16.350 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Instrument :
MSVOA_Y
ClientSampleId :

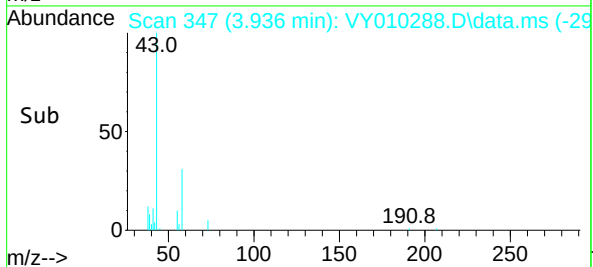
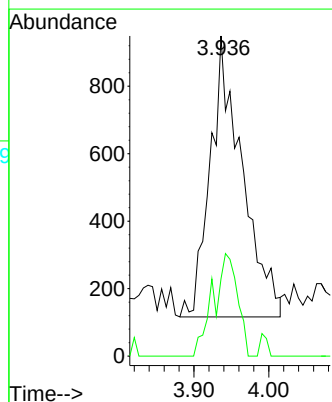
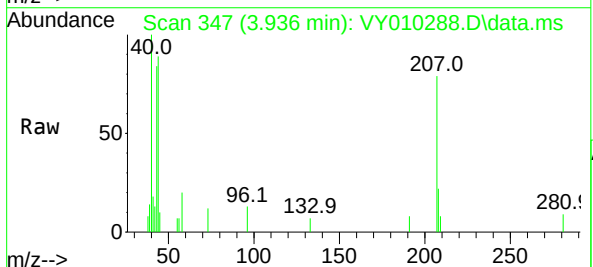


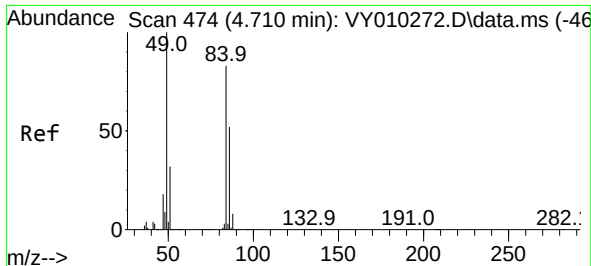
Tgt Ion: 59 Resp: 5763
Ion Ratio Lower Upper
59 100
57 1.1 6.4 9.6#



#16
Acetone
Concen: 3.362 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

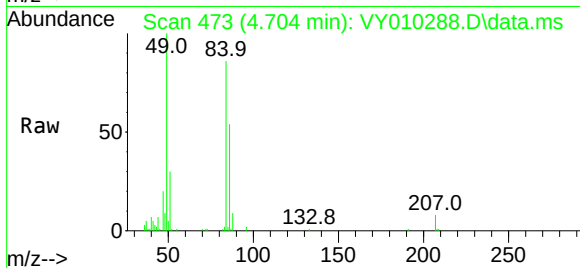
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0



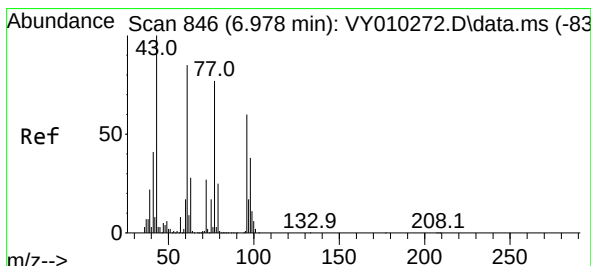
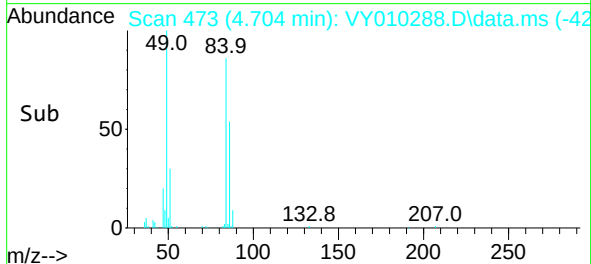
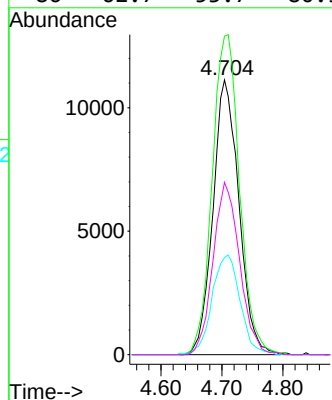


#20
Methylene Chloride
Concen: 9.269 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Instrument :
MSVOA_Y
ClientSampleId :

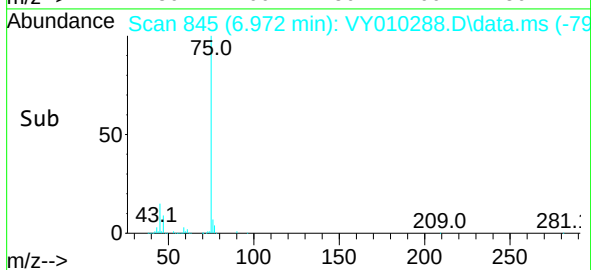
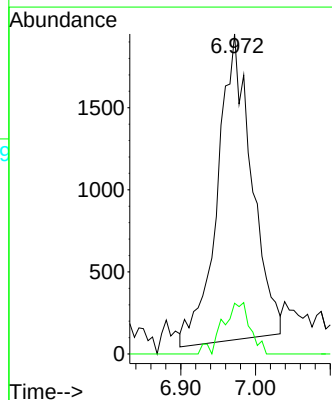
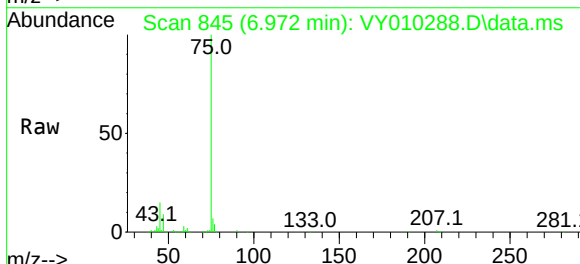


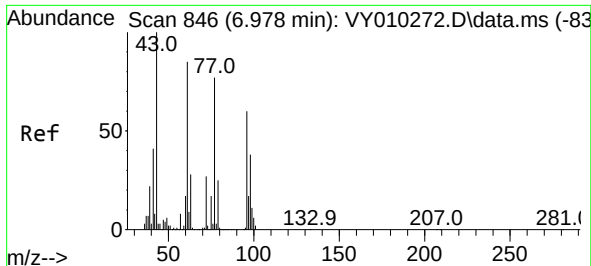
Tgt Ion:	84	Resp:	32944
Ion	Ratio	Lower	Upper
84	100		
49	115.9	114.4	171.6
51	35.3	35.3	52.9
86	62.7	53.7	80.5



#25
2-Butanone
Concen: 4.913 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Tgt Ion:	43	Resp:	5939
Ion	Ratio	Lower	Upper
43	100		
72	16.9	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.489 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

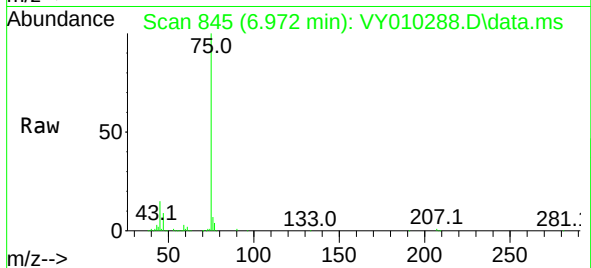
Lab File: VY010288.D

Acq: 02 Sep 2022 18:51

Instrument :

MSVOA_Y

ClientSampleId :

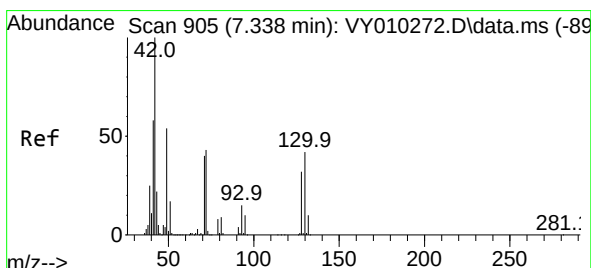
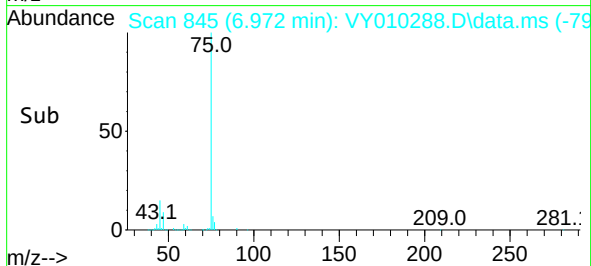
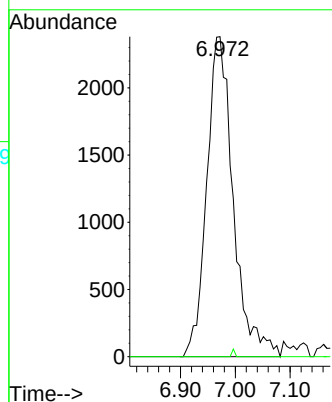


Tgt Ion: 77 Resp: 7992

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#29

Tetrahydrofuran

Concen: 1.285 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY010288.D

Acq: 02 Sep 2022 18:51

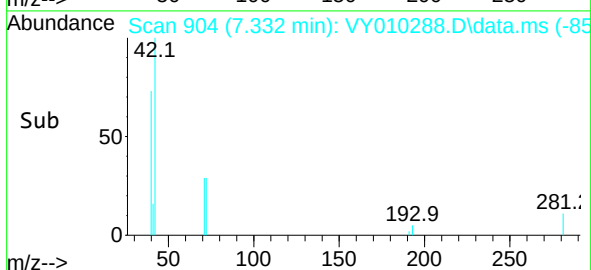
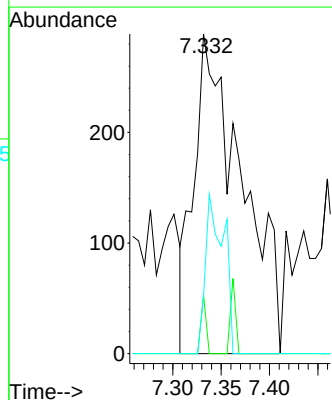
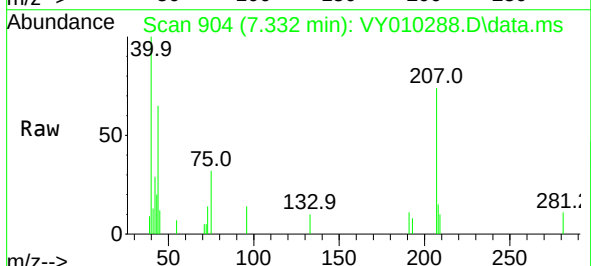
Tgt Ion: 42 Resp: 995

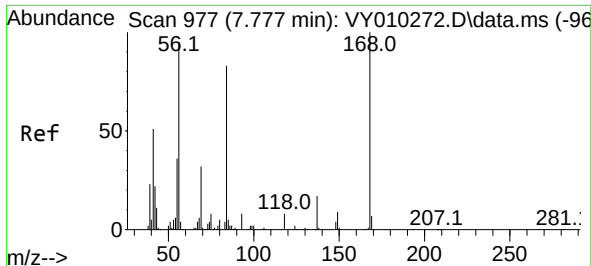
Ion Ratio Lower Upper

42 100

72 1.9 30.3 45.5#

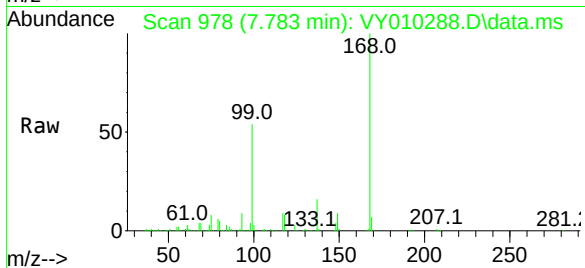
71 19.2 29.0 43.4#



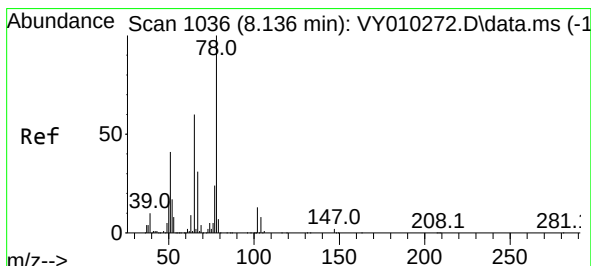
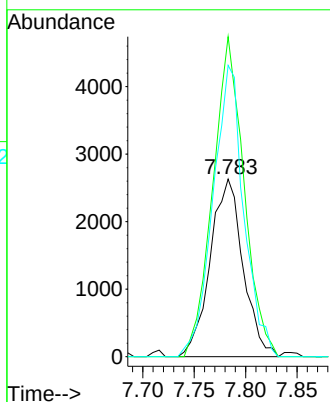
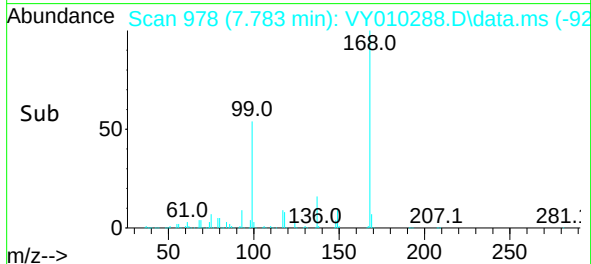


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

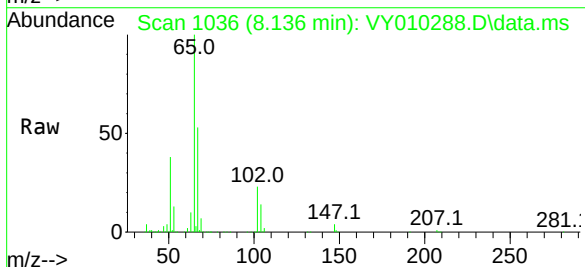
Instrument :
MSVOA_Y
ClientSampleId :



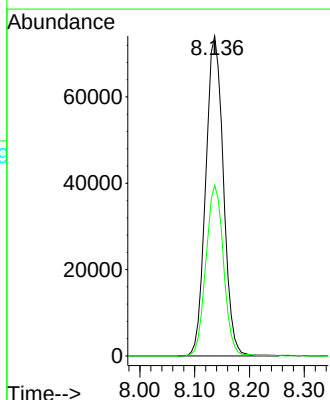
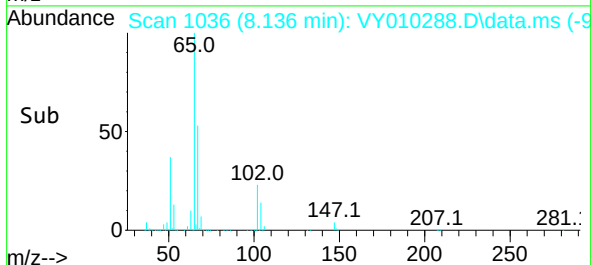
Tgt Ion: 56 Resp: 5845
Ion Ratio Lower Upper
56 100
69 180.1 26.7 40.1#
84 164.0 67.2 100.8#

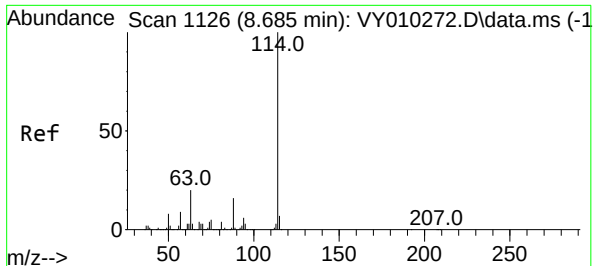


#33
1,2-Dichloroethane-d4
Concen: 56.182 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51



Tgt Ion: 65 Resp: 165527
Ion Ratio Lower Upper
65 100
67 53.2 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

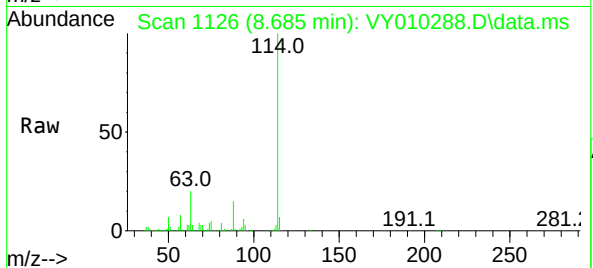
Lab File: VY010288.D

Acq: 02 Sep 2022 18:51

Instrument :

MSVOA_Y

ClientSampleId :



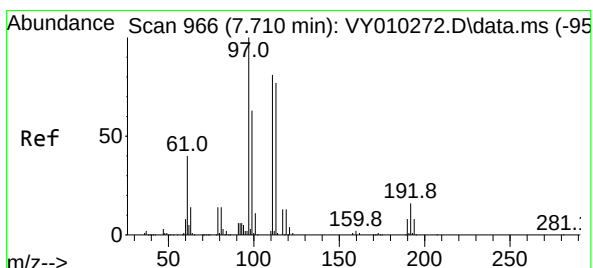
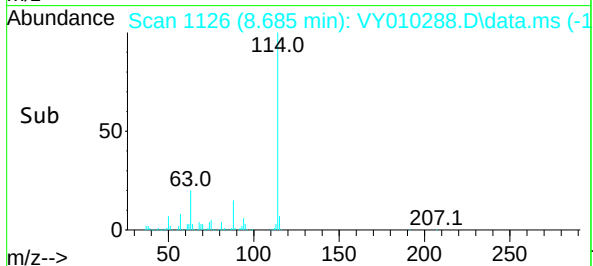
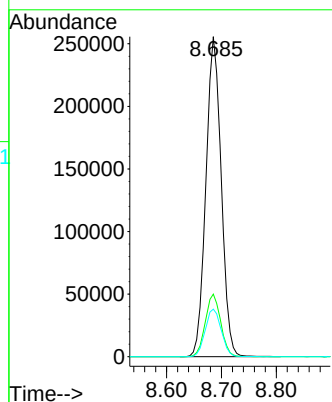
Tgt Ion:114 Resp: 494101

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.593 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010288.D

Acq: 02 Sep 2022 18:51

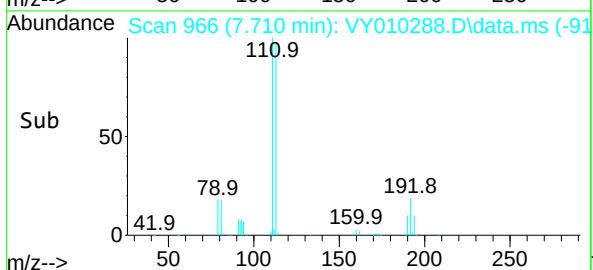
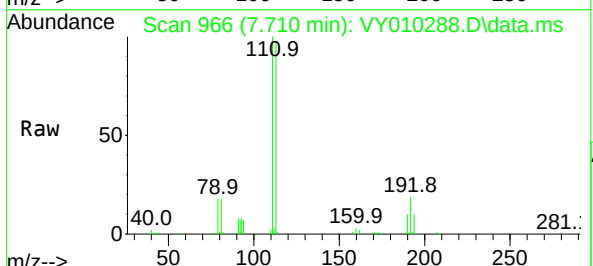
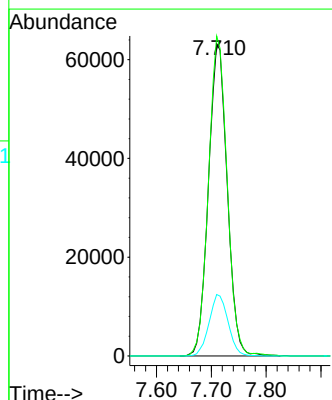
Tgt Ion:113 Resp: 149971

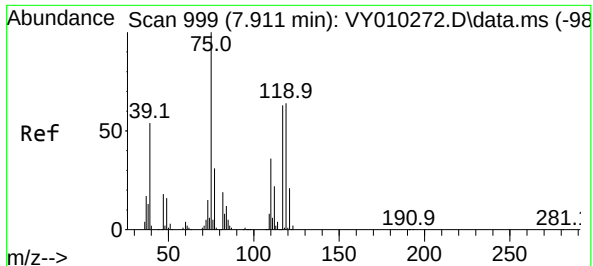
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 20.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.323 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

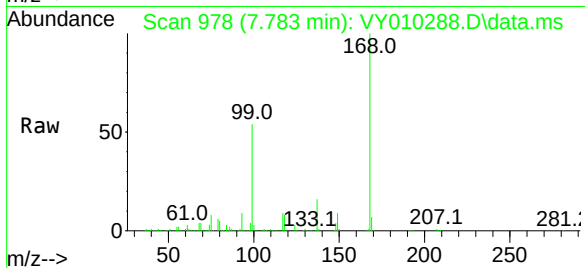
Lab File: VY010288.D

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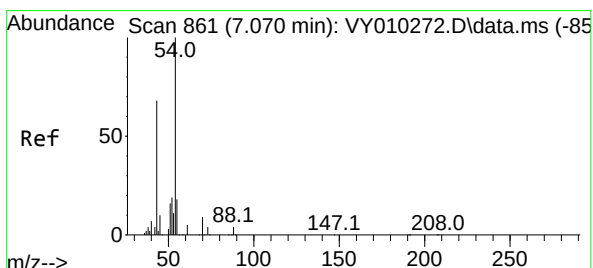
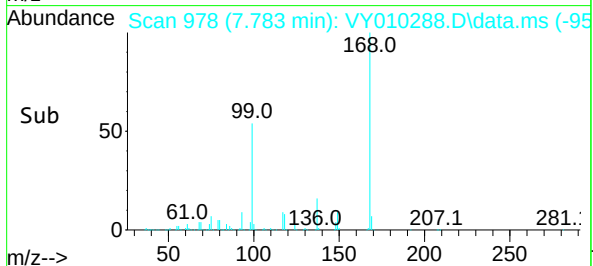
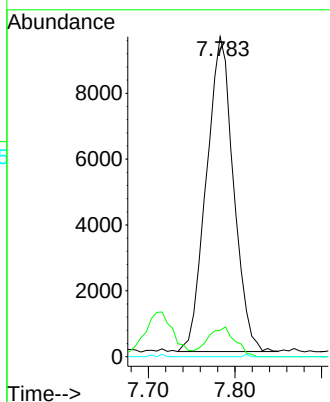
Tgt Ion: 75 Resp: 20865

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 2.146 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.098 min

Lab File: VY010288.D

Acq: 02 Sep 2022 18:51

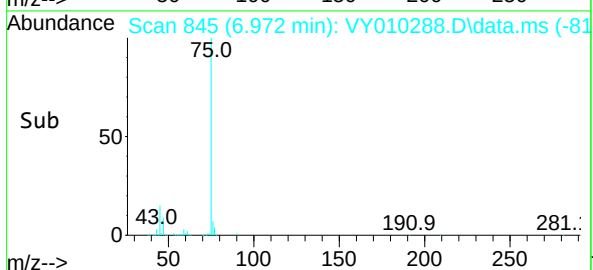
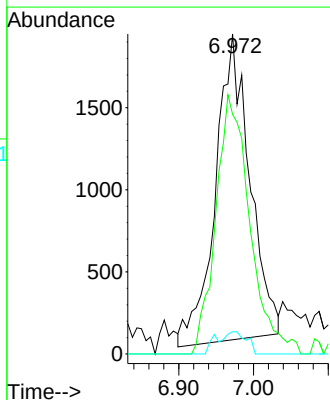
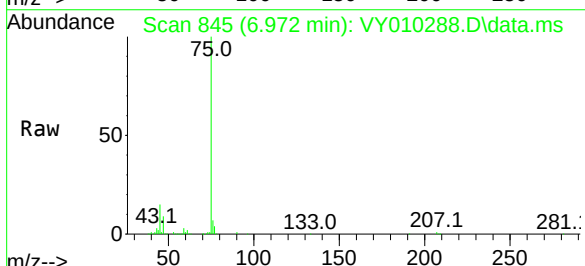
Tgt Ion: 43 Resp: 5939

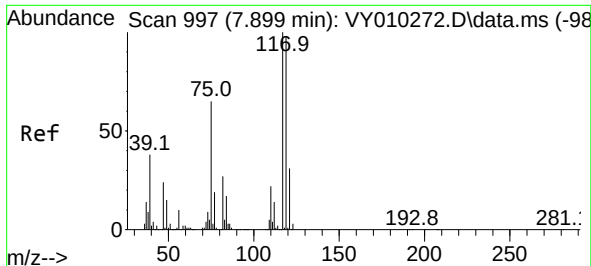
Ion Ratio Lower Upper

43 100

61 84.3 9.7 14.5#

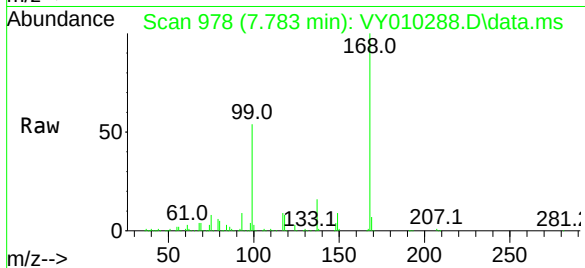
70 4.7 7.1 10.7#



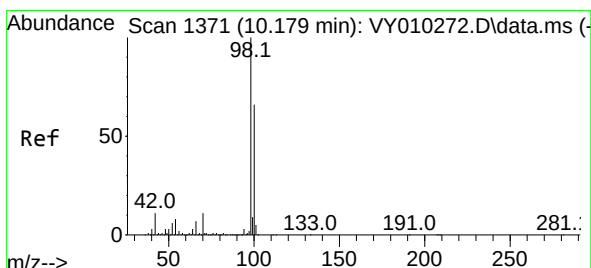
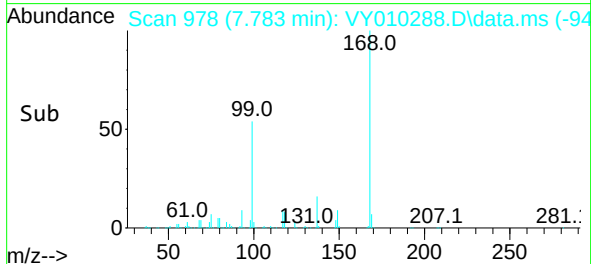
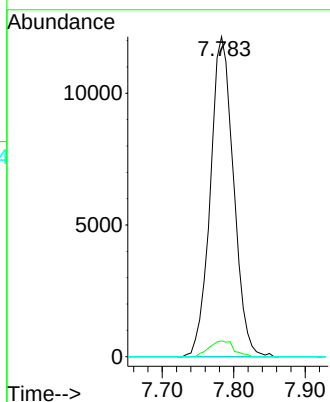


#38
Carbon Tetrachloride
Concen: 5.513 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Instrument :
MSVOA_Y
ClientSampleId :

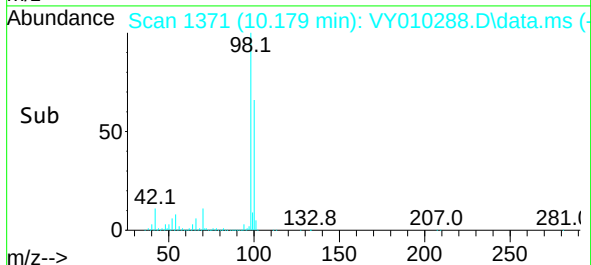
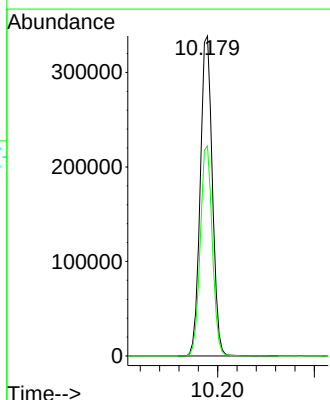
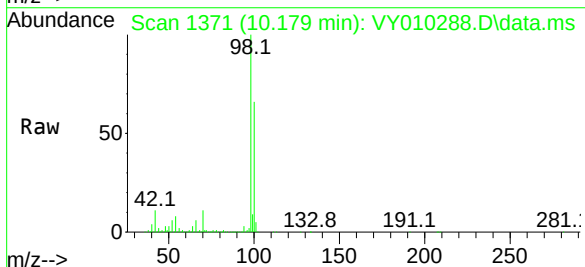


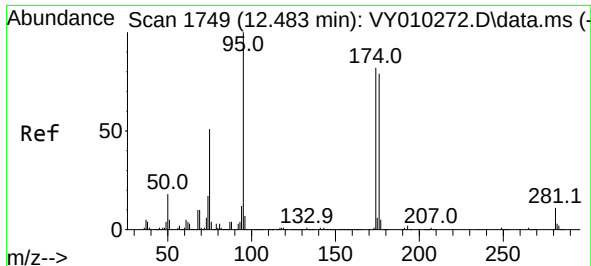
Tgt Ion:117 Resp: 27422
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.217 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Tgt Ion: 98 Resp: 586060
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

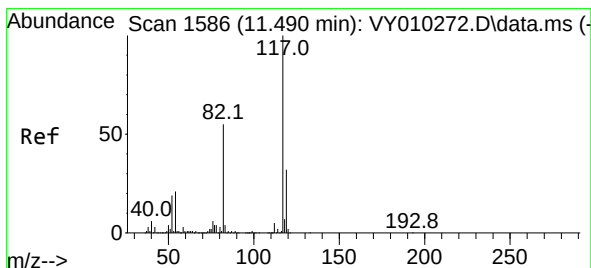
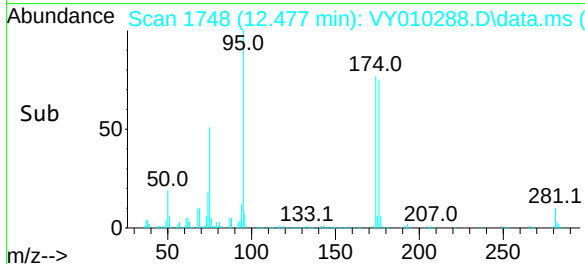
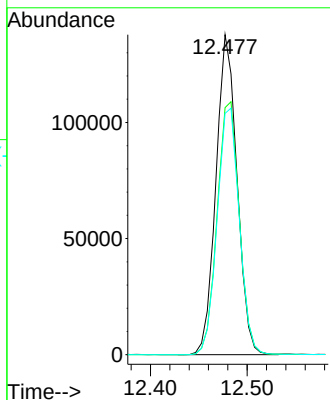
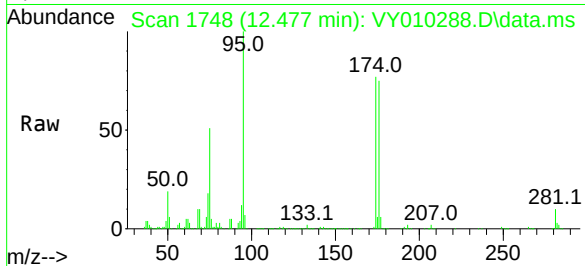




#62
4-Bromofluorobenzene
Concen: 46.778 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

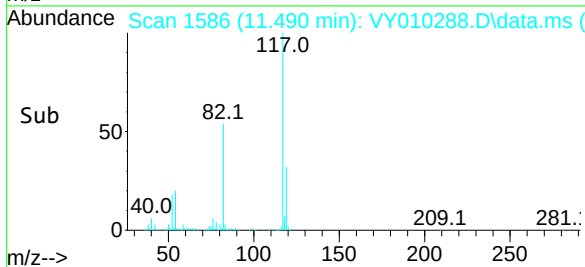
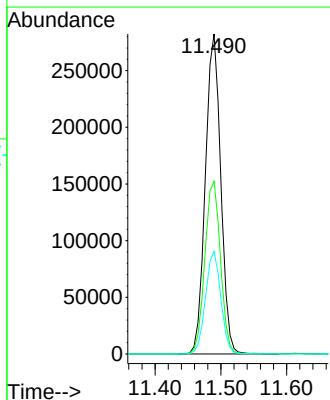
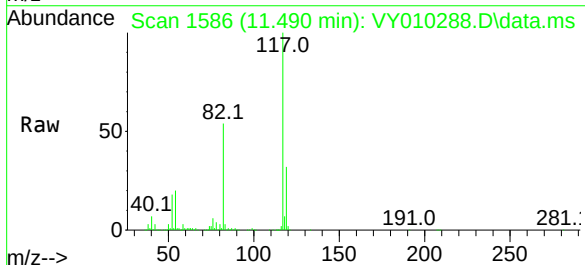
Instrument :
MSVOA_Y
ClientSampleId :

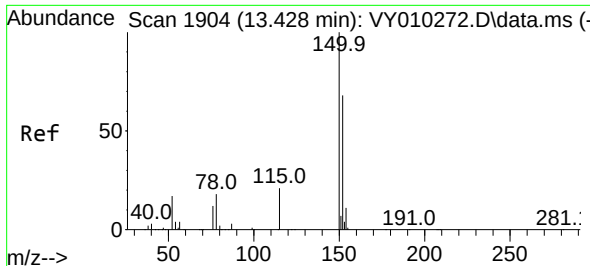
Tgt Ion: 95 Resp: 208103
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

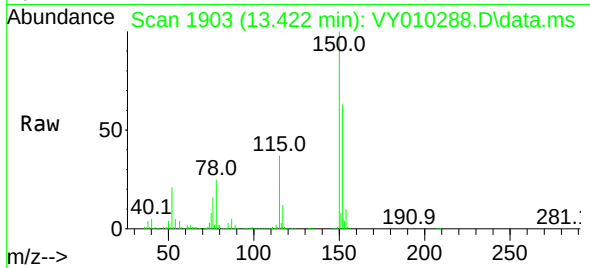
Tgt Ion: 117 Resp: 460313
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 25.4 38.0



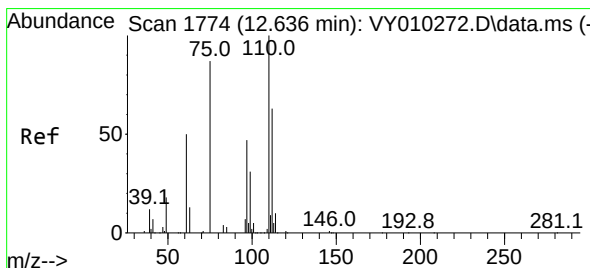
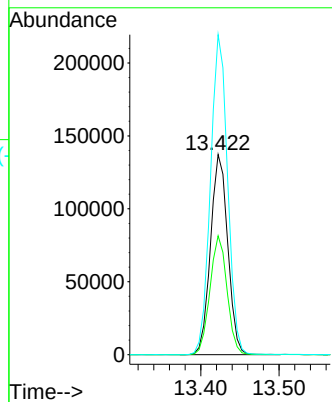
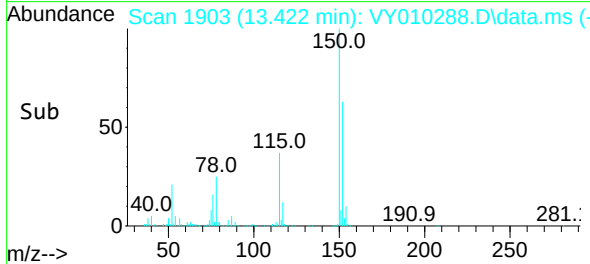


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010288.D
 Acq: 02 Sep 2022 18:51

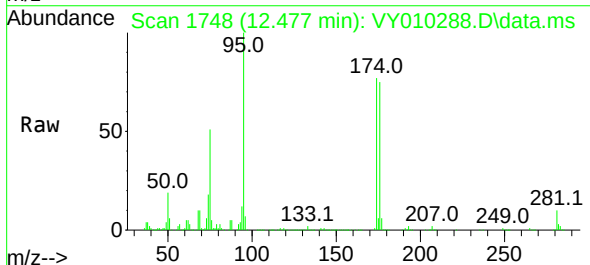
Instrument :
 MSVOA_Y
 ClientSampleId :



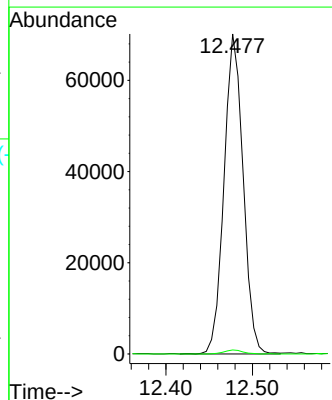
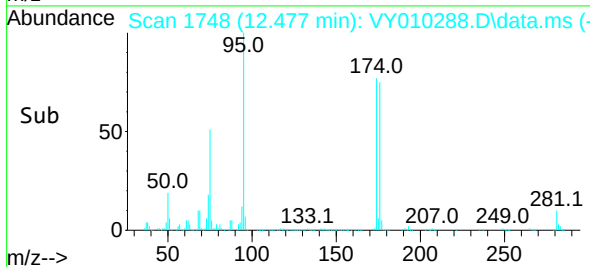
Tgt Ion:152 Resp: 209894
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 158.7 0.0 347.6

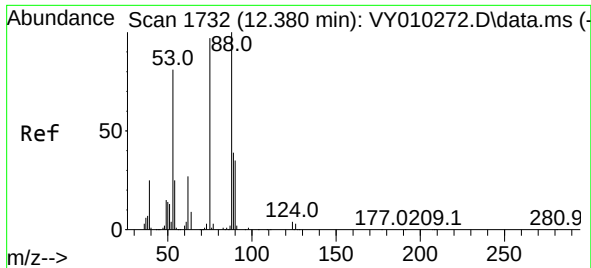


#76
 1,2,3-Trichloropropane
 Concen: 42.989 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY010288.D
 Acq: 02 Sep 2022 18:51



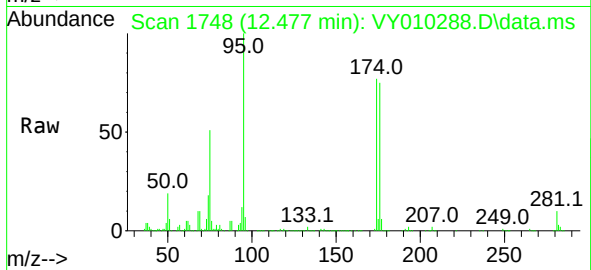
Tgt Ion: 75 Resp: 107380
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.681 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010288.D
 Acq: 02 Sep 2022 18:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 107380
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

