

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010793.D
 Acq On : 04 Oct 2022 14:25
 Operator : KP/MD
 Sample : N4948-01
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:29:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

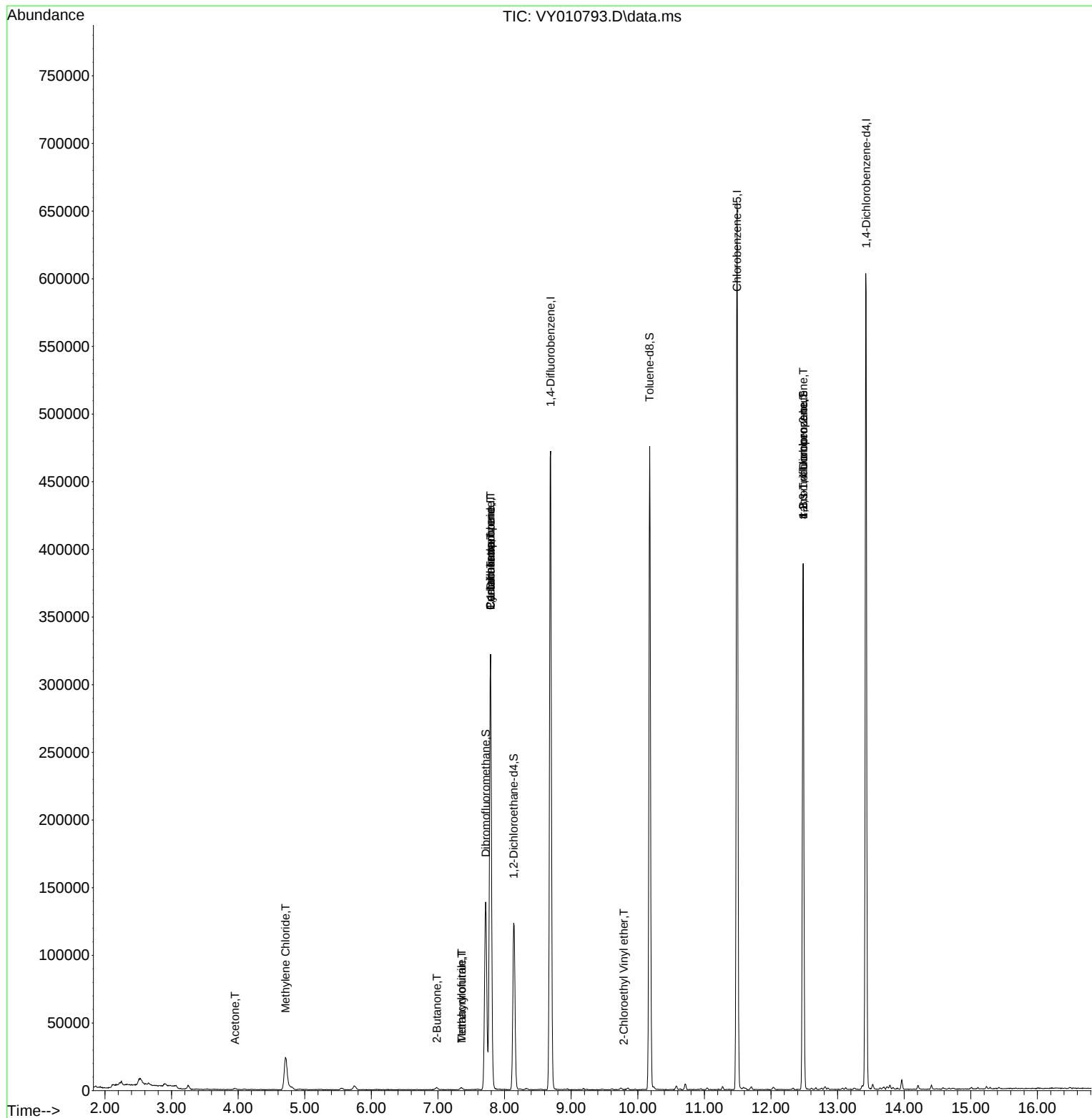
Internal Standards						
1) Pentafluorobenzene	7.789	168	243926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99633	40.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.600%
35) Dibromofluoromethane	7.716	113	98528	36.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.580%
50) Toluene-d8	10.179	98	312047	33.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.220%
62) 4-Bromofluorobenzene	12.483	95	112891	29.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	534	Below Cal	#	77
16) Acetone	3.954	43	1646	2.621	ug/l #	86
20) Methylene Chloride	4.710	84	18591	1.715	ug/l	87
25) 2-Butanone	6.984	43	905	1.002	ug/l #	89
29) Tetrahydrofuran	7.356	42	1284	2.419	ug/l #	86
31) Cyclohexane	7.789	56	5511	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	18764	4.787	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23891	5.852	ug/l #	15
41) Methacrylonitrile	7.356	41	801	3.256	ug/l #	36
58) 2-Chloroethyl Vinyl ether	9.789	63	25	25.812	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	58218	36.953	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58218	77.192	ug/l #	7

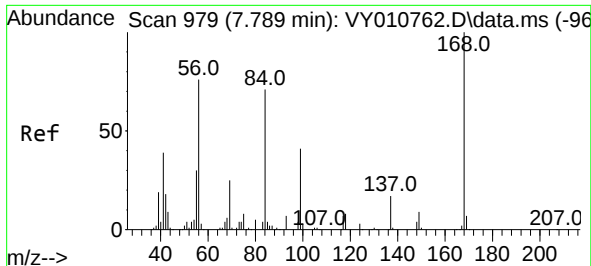
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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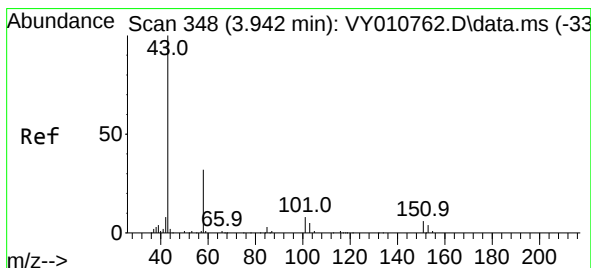
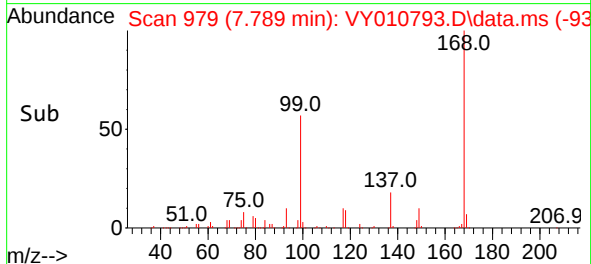
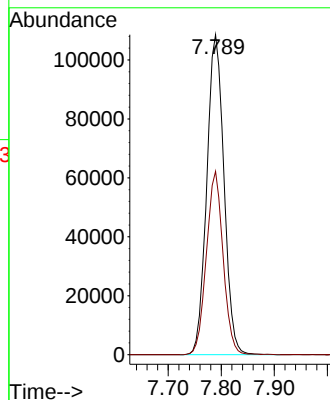
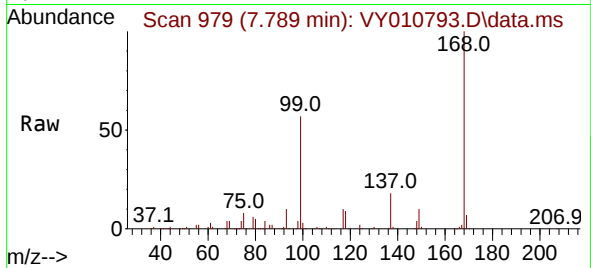




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

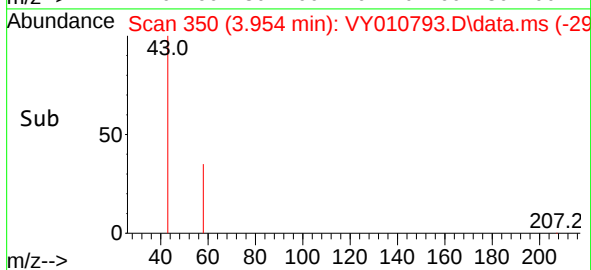
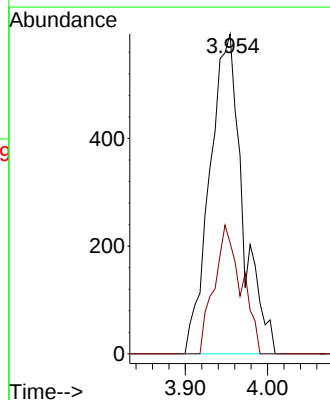
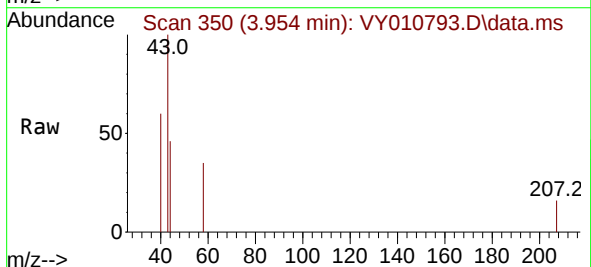
Instrument :
MSVOA_Y
ClientSampleId :

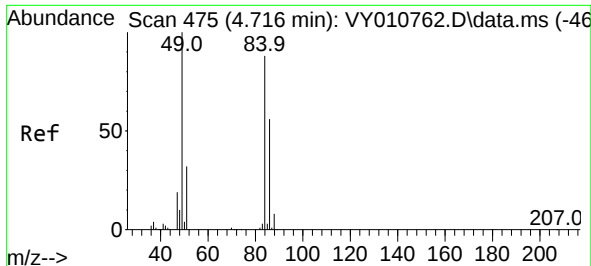
Tgt Ion:168 Resp: 243926
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#16
Acetone
Concen: 2.621 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

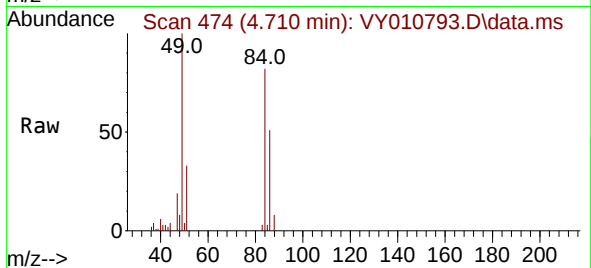
Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
58 34.7 22.0 33.0#



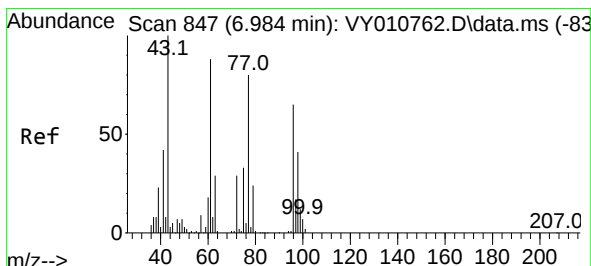
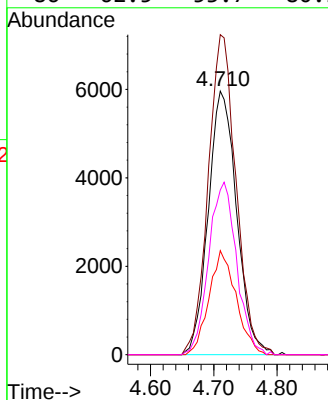
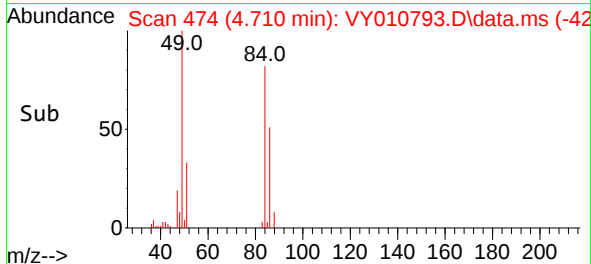


#20
Methylene Chloride
Concen: 1.715 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :

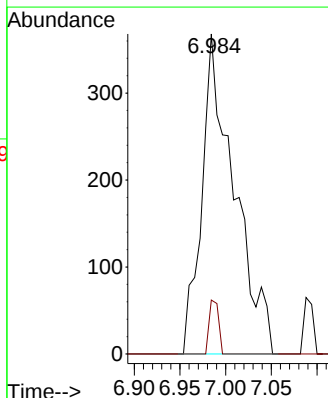
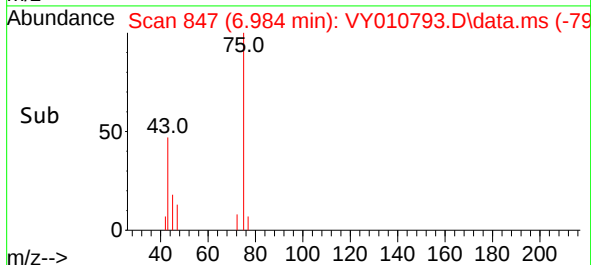
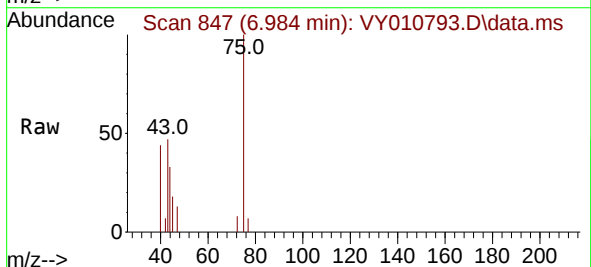


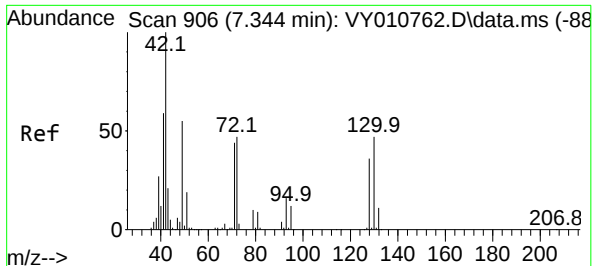
Tgt Ion:	84	Resp:	18591
Ion	Ratio	Lower	Upper
84	100		
49	121.5	114.4	171.6
51	39.5	35.3	52.9
86	62.5	53.7	80.5



#25
2-Butanone
Concen: 1.002 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion:	43	Resp:	905
Ion	Ratio	Lower	Upper
43	100		
72	16.8	17.7	26.5#





#29

Tetrahydrofuran

Concen: 2.419 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

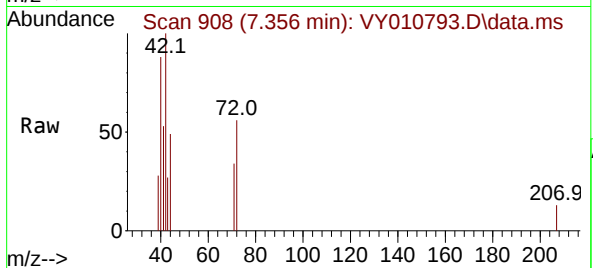
Lab File: VY010793.D

Acq: 04 Oct 2022 14:25

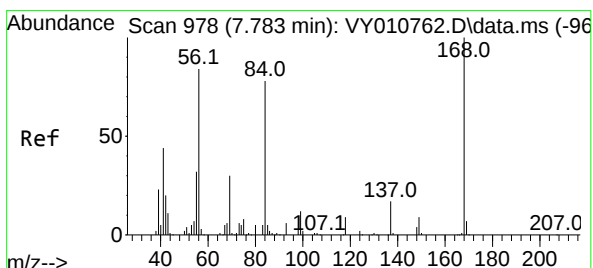
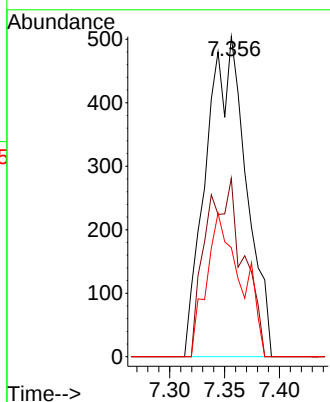
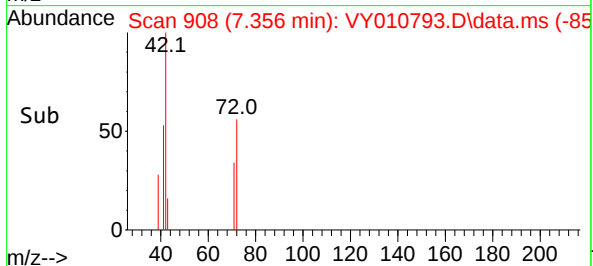
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	1284
Ion	Ratio	Lower	Upper
42	100		
72	51.6	30.3	45.5#
71	38.6	29.0	43.4



#31

Cyclohexane

Concen: 1.245 ug/l

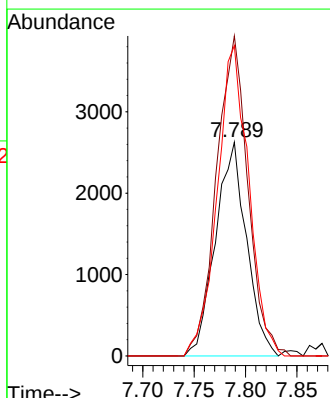
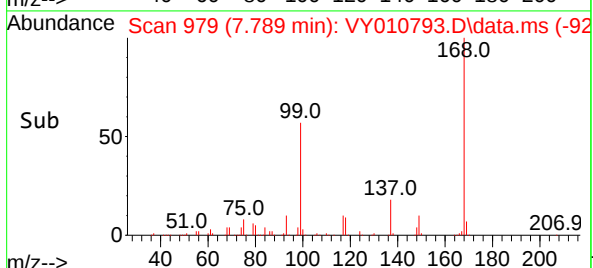
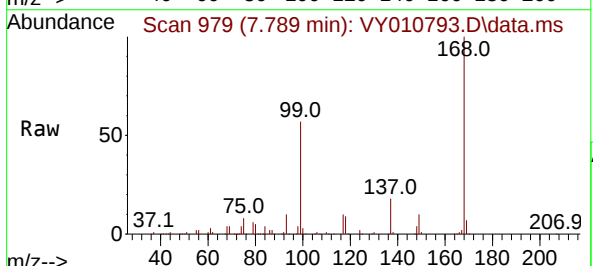
RT: 7.789 min Scan# 979

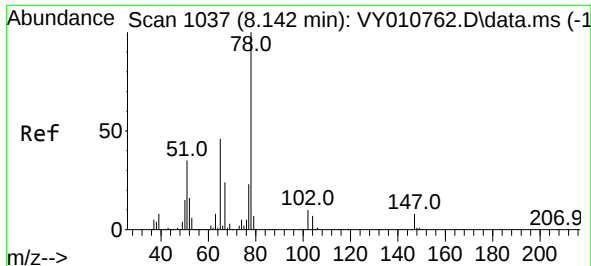
Delta R.T. 0.006 min

Lab File: VY010793.D

Acq: 04 Oct 2022 14:25

Tgt Ion:	56	Resp:	5511
Ion	Ratio	Lower	Upper
56	100		
69	149.7	26.7	40.1#
84	145.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 40.297 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY010793.D

Acq: 04 Oct 2022 14:25

Instrument :

MSVOA_Y

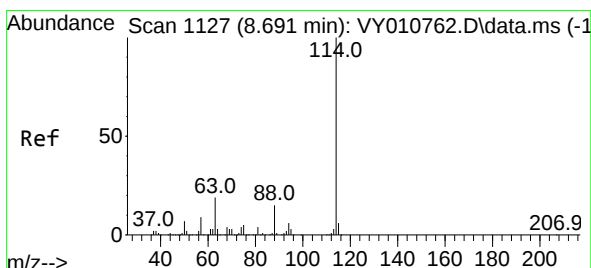
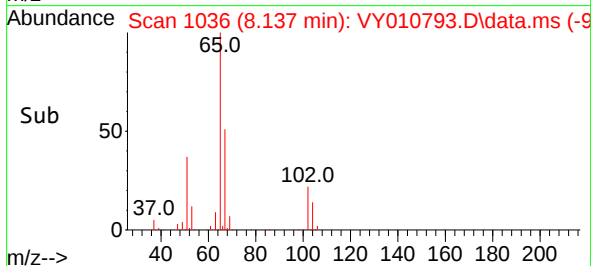
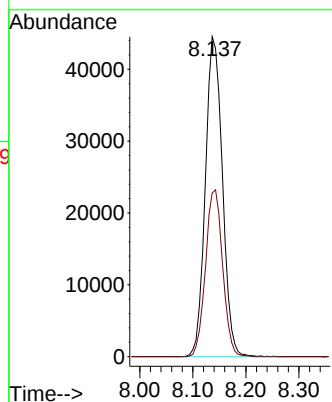
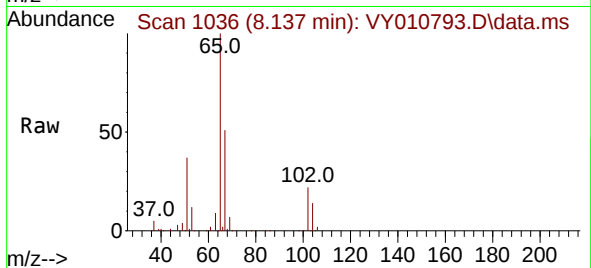
ClientSampleId :

Tgt Ion: 65 Resp: 99633

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010793.D

Acq: 04 Oct 2022 14:25

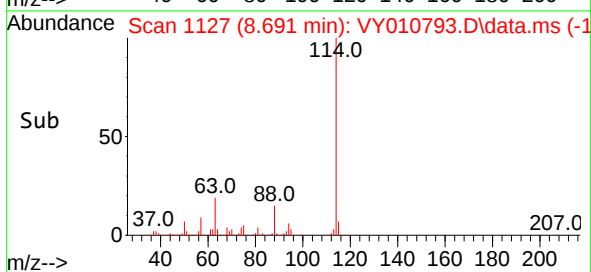
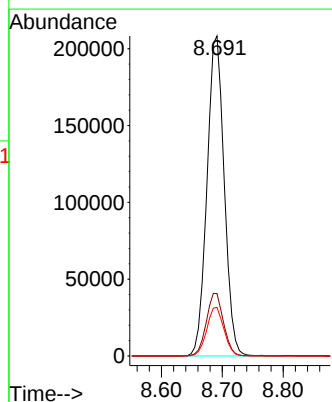
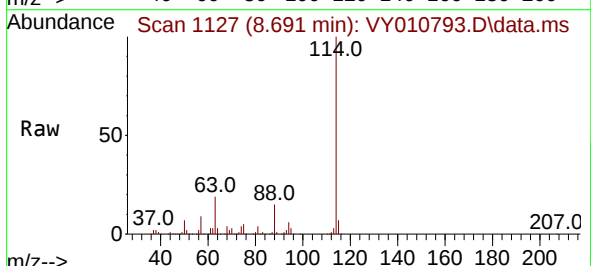
Tgt Ion: 114 Resp: 409015

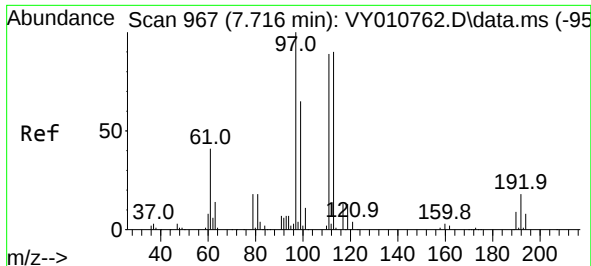
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.1 0.0 31.8

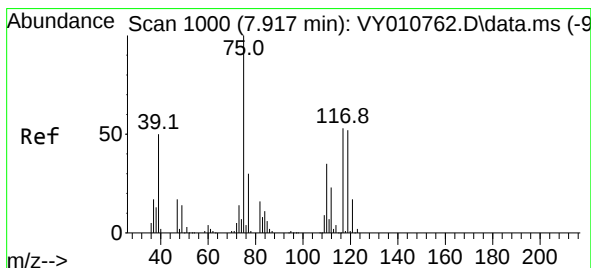
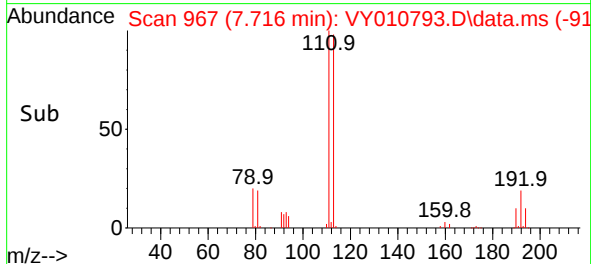
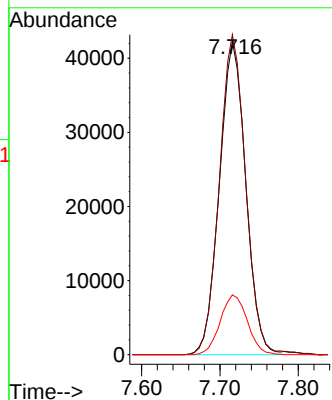
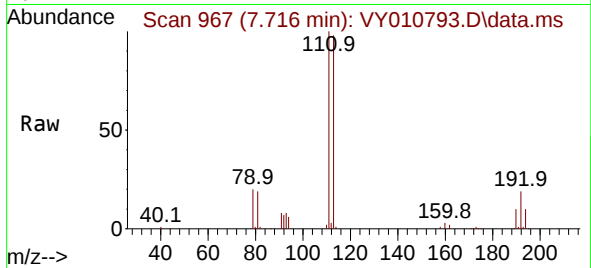




#35
Dibromofluoromethane
Concen: 36.289 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

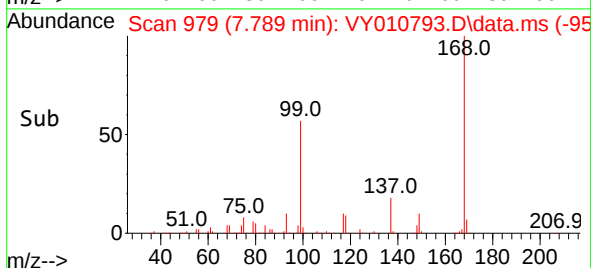
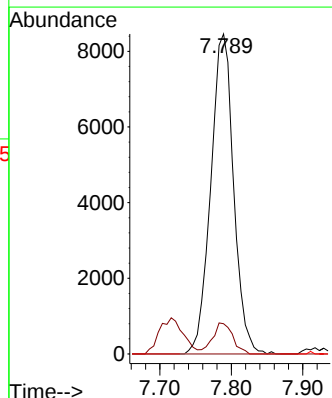
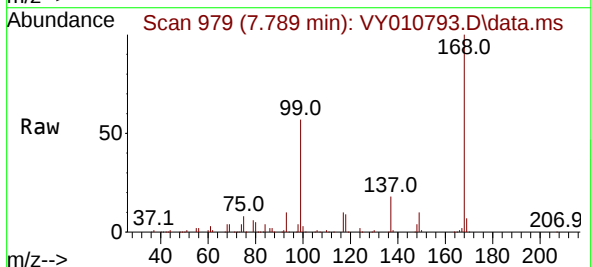
Instrument :
MSVOA_Y
ClientSampleId :

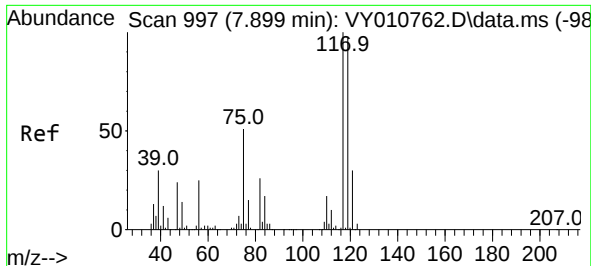
Tgt Ion:113 Resp: 98528
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

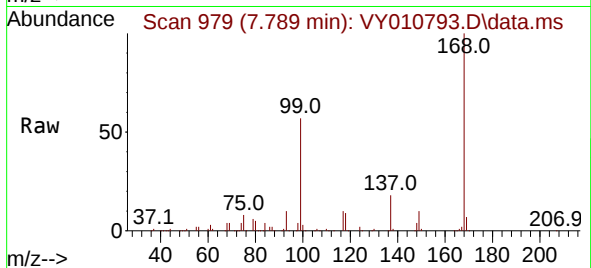
Tgt Ion: 75 Resp: 18764
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



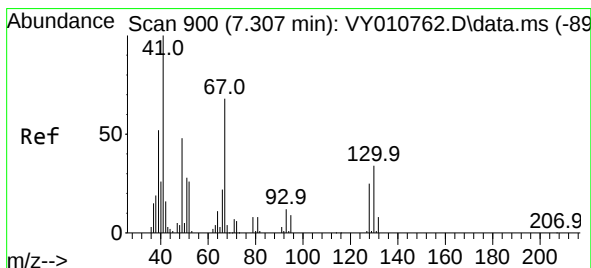
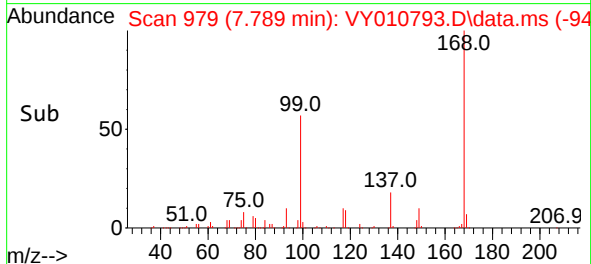
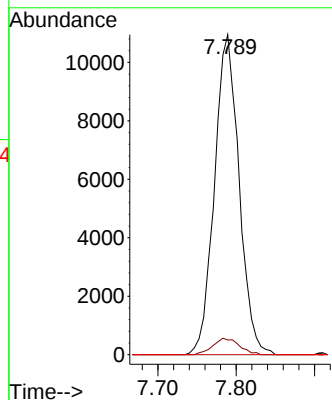


#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :

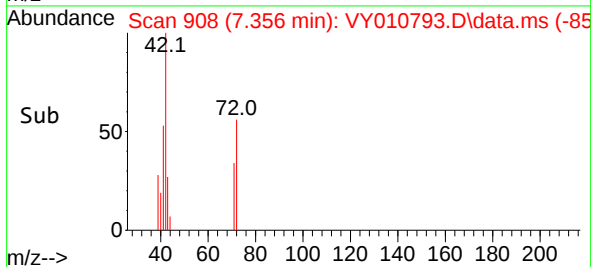
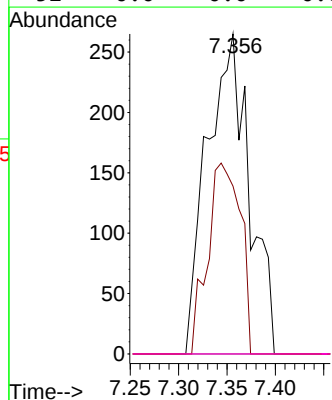
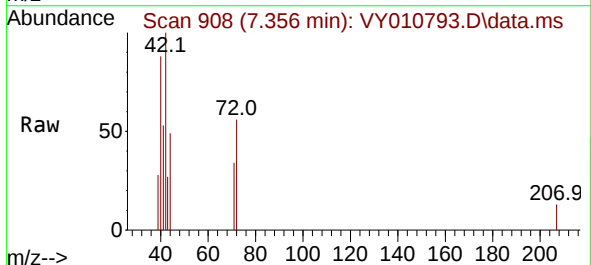


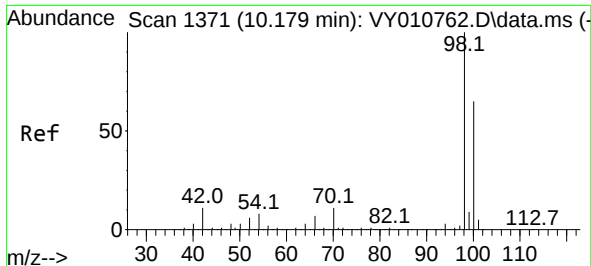
Tgt Ion:117 Resp: 23891
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 3.256 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion: 41 Resp: 801
Ion Ratio Lower Upper
41 100
39 46.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

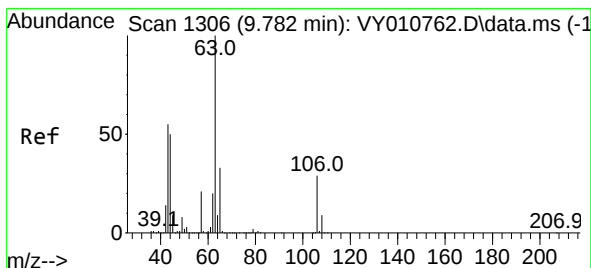
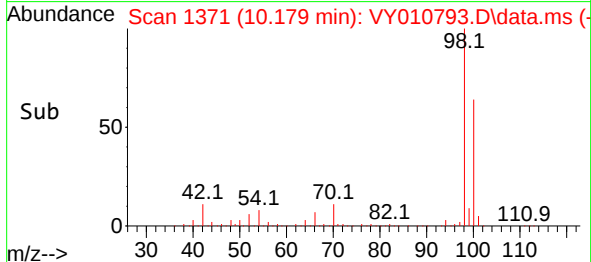
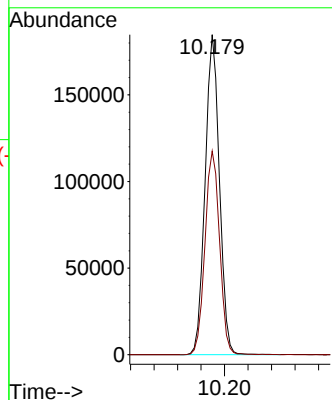
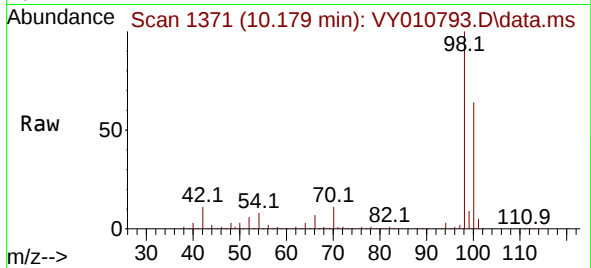




#50
Toluene-d8
Concen: 33.607 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

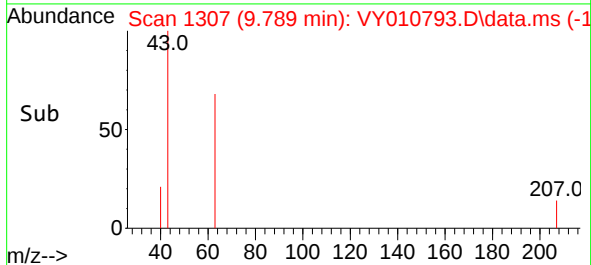
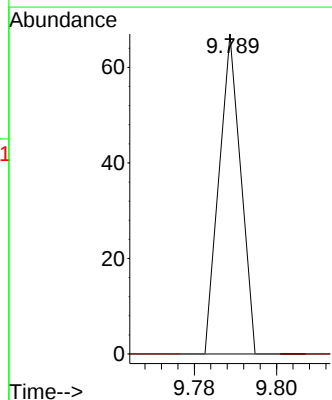
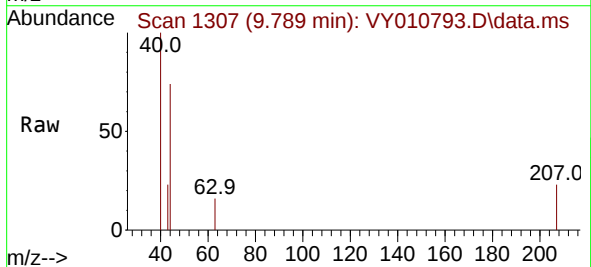
Instrument :
MSVOA_Y
ClientSampleId :

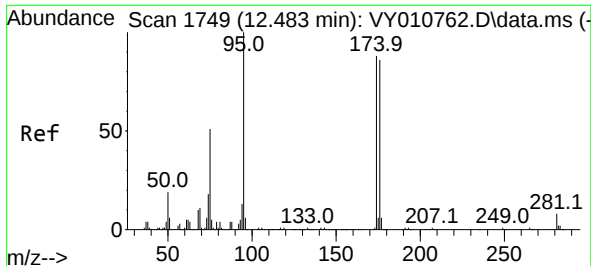
Tgt Ion: 98 Resp: 312047
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 25.812 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

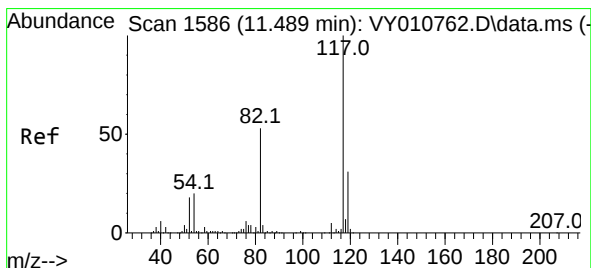
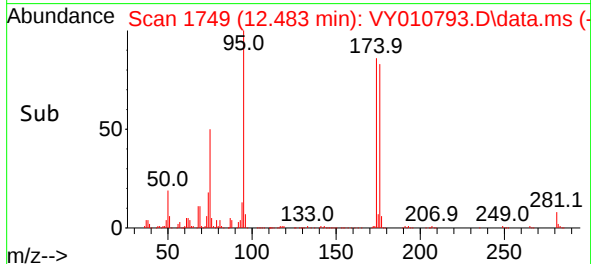
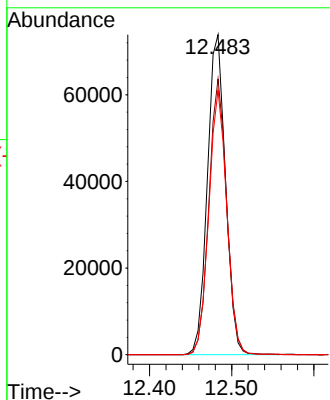
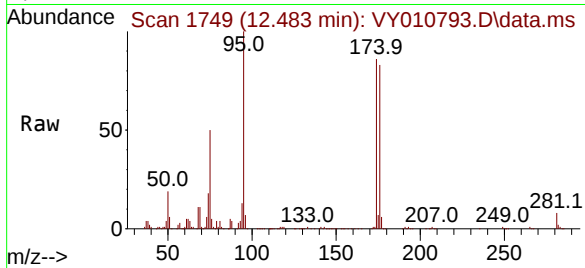




#62
4-Bromofluorobenzene
Concen: 29.620 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

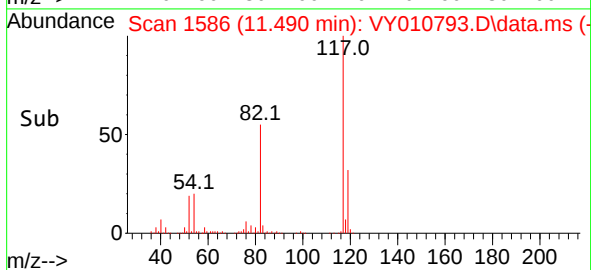
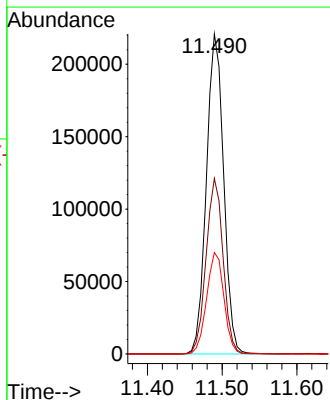
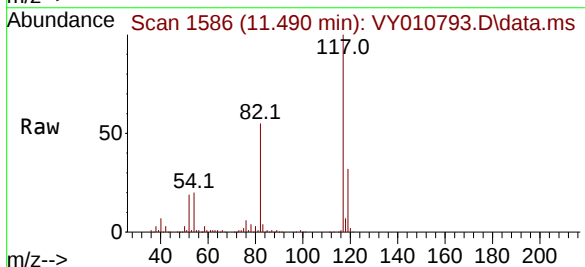
Instrument :
MSVOA_Y
ClientSampleId :

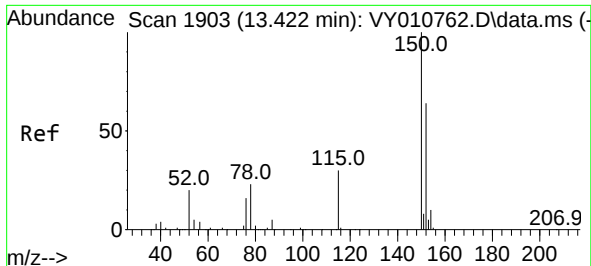
Tgt Ion: 95 Resp: 112891
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion: 117 Resp: 354805
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.7 25.4 38.0

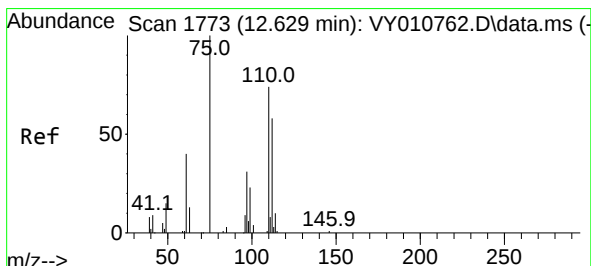
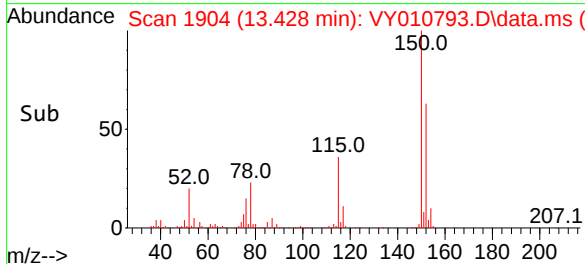
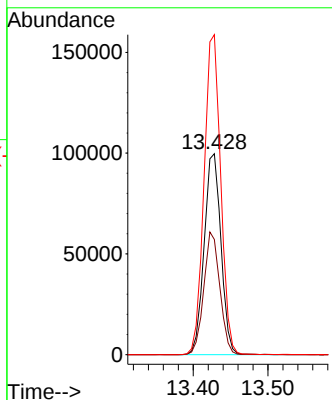
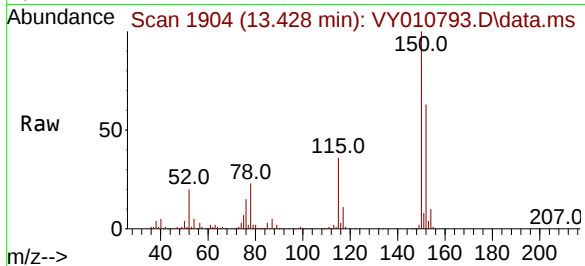




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY010793.D
 Acq: 04 Oct 2022 14:25

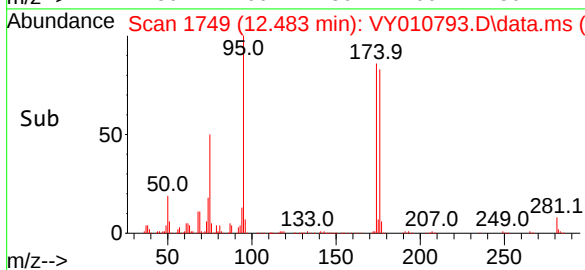
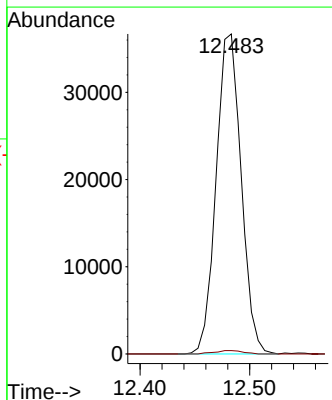
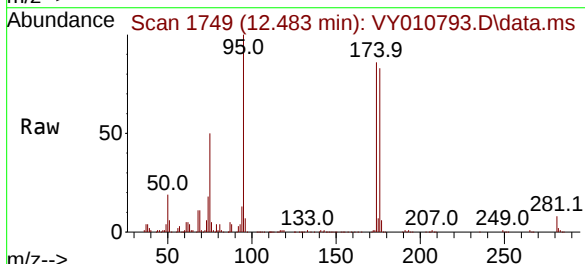
Instrument :
 MSVOA_Y
 ClientSampleId :

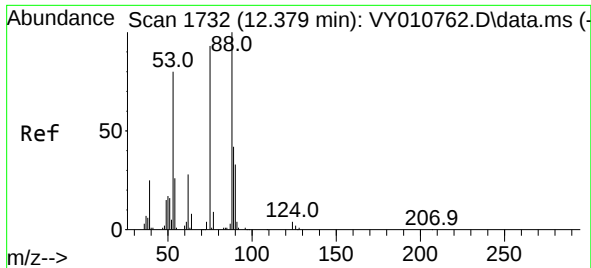
Tgt Ion:152 Resp: 155571
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 36.953 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010793.D
 Acq: 04 Oct 2022 14:25

Tgt Ion: 75 Resp: 58218
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.192 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY010793.D
 Acq: 04 Oct 2022 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 58218
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

