

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010053.D
 Acq On : 16 Aug 2022 19:08
 Operator : KP/MD
 Sample : N4208-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1

Quant Time: Aug 17 05:14:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

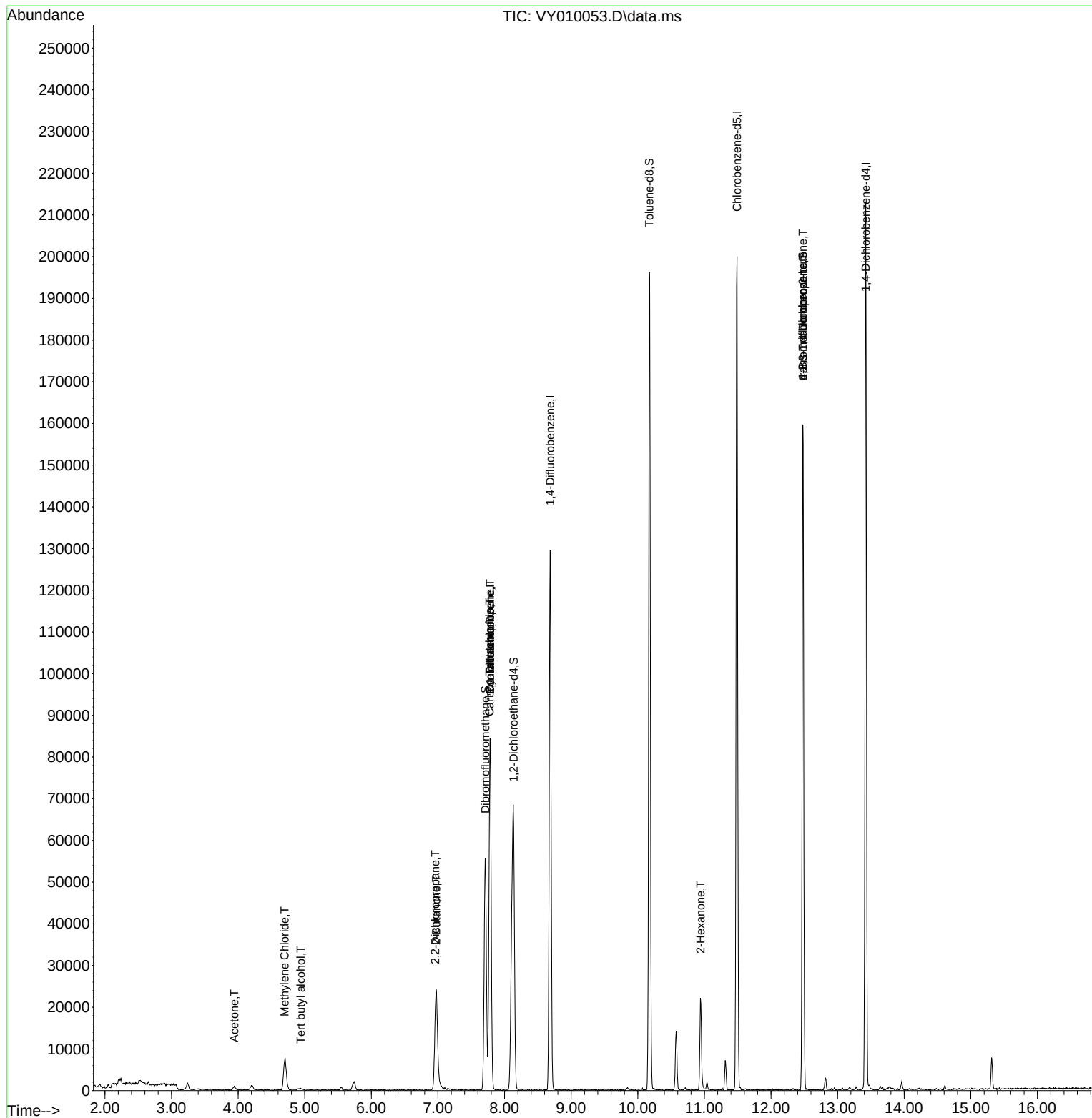
Internal Standards						
1) Pentafluorobenzene	7.783	168	69056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	113260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41396	59.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.900%
35) Dibromofluoromethane	7.710	113	37906	52.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.173	98	128555	47.723	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.477	95	44142	46.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	822	12.242	ug/l #	74
16) Acetone	3.942	43	1474	9.967	ug/l #	69
20) Methylene Chloride	4.698	84	5621	5.196	ug/l	94
25) 2-Butanone	6.972	43	1271	6.282	ug/l #	87
26) 2,2-Dichloropropane	6.960	77	1968	1.801	ug/l #	53
31) Cyclohexane	7.783	56	1321	1.354	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	4595	4.530	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6574	5.270	ug/l #	17
59) 2-Hexanone	10.941	43	188	24.564	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	23337	45.159	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23337	102.054	ug/l #	12

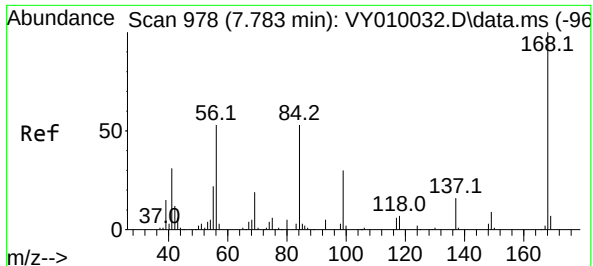
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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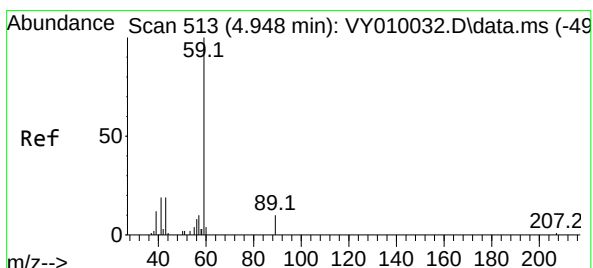
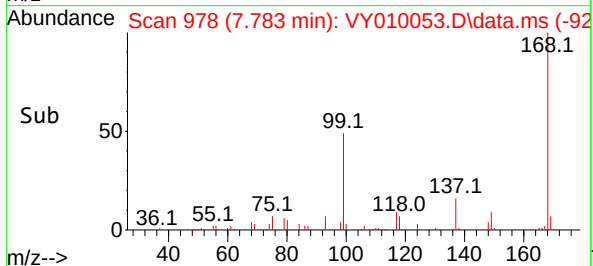
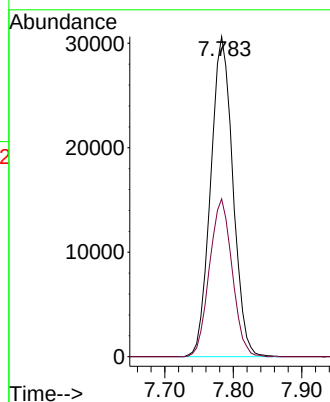
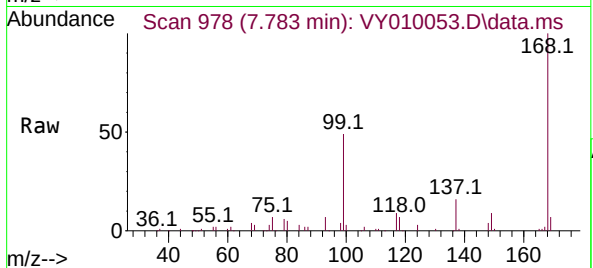




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

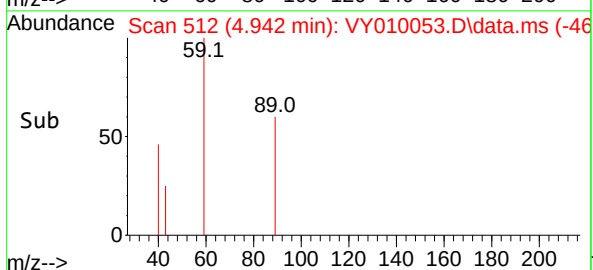
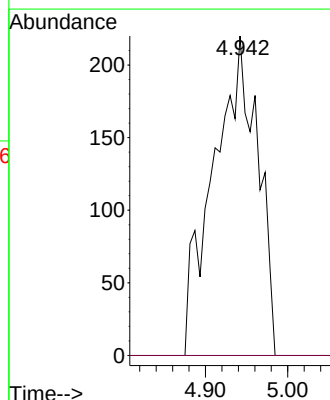
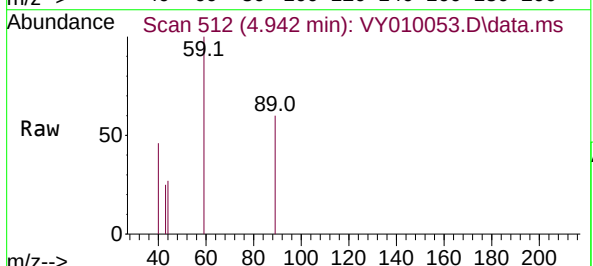
Instrument :
MSVOA_Y
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W-1

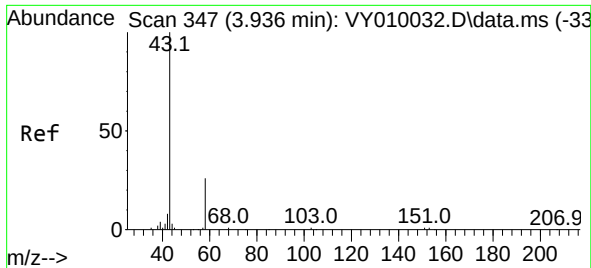
Tgt Ion:168 Resp: 69056
Ion Ratio Lower Upper
168 100
99 49.3 37.7 56.5



#11
Tert butyl alcohol
Concen: 12.242 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

Tgt Ion: 59 Resp: 822
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 9.967 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

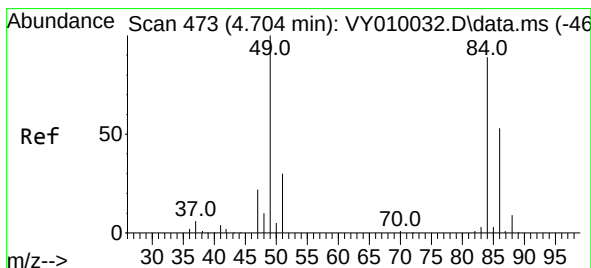
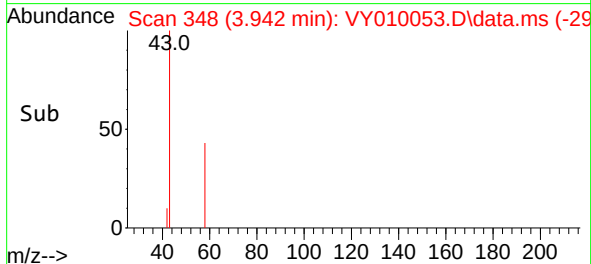
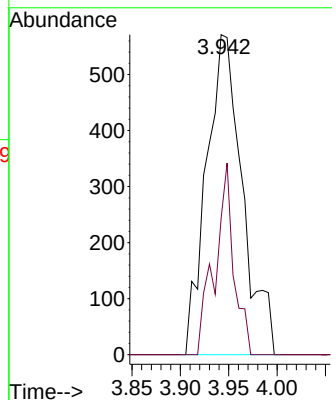
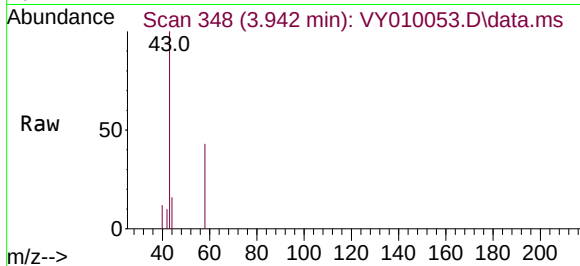
W-1

Tgt Ion: 43 Resp: 1474

Ion Ratio Lower Upper

43 100

58 42.7 21.4 32.0#



#20

Methylene Chloride

Concen: 5.196 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Tgt Ion: 84 Resp: 5621

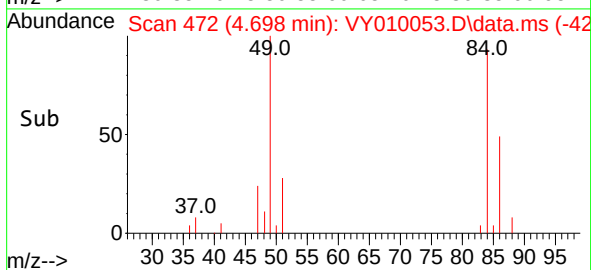
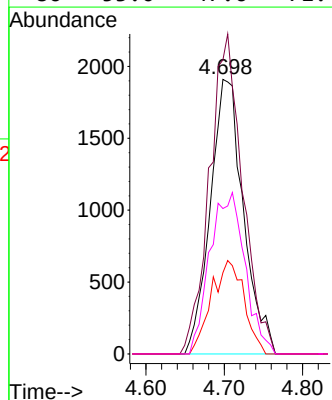
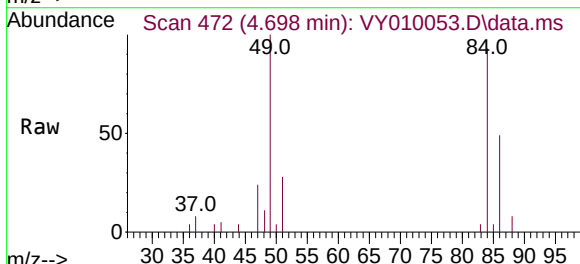
Ion Ratio Lower Upper

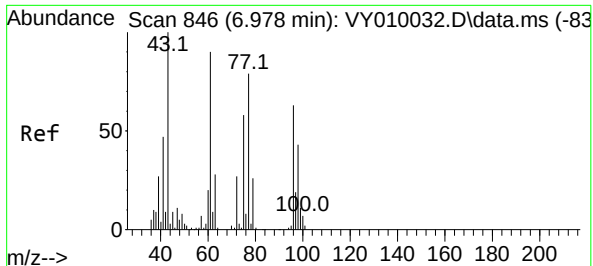
84 100

49 107.1 89.5 134.3

51 29.6 26.8 40.2

86 53.0 47.6 71.4





#25

2-Butanone

Concen: 6.282 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

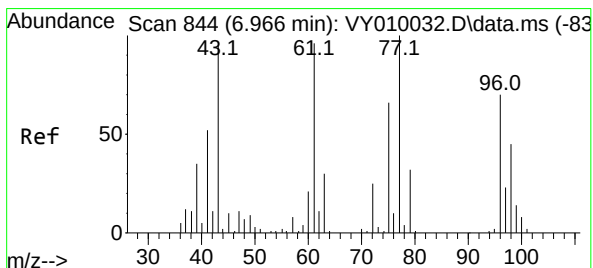
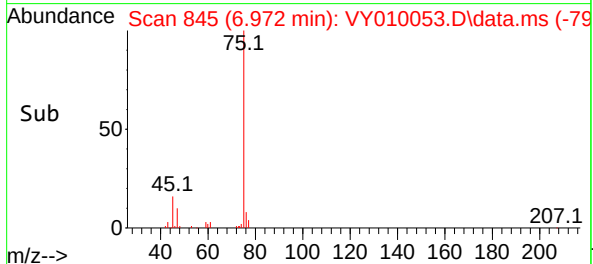
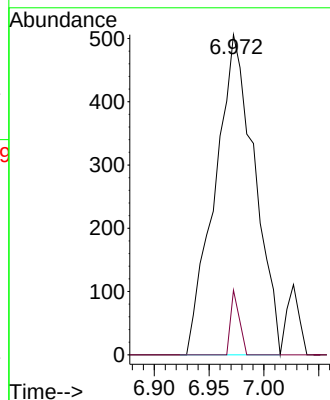
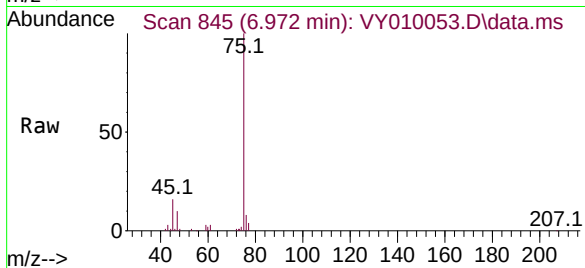
W-1

Tgt Ion: 43 Resp: 1271

Ion Ratio Lower Upper

43 100

72 20.2 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.801 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.006 min

Lab File: VY010053.D

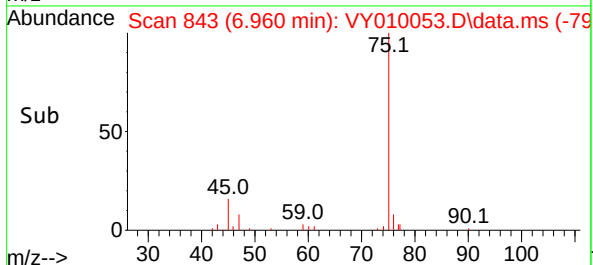
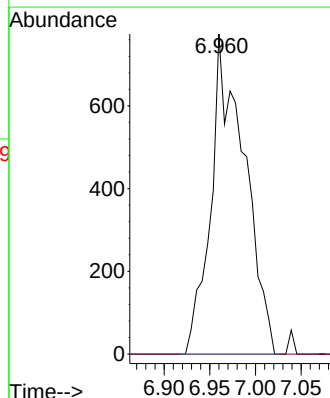
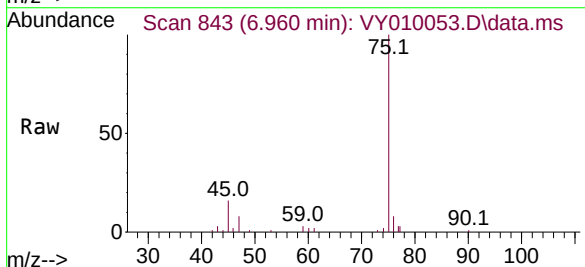
Acq: 16 Aug 2022 19:08

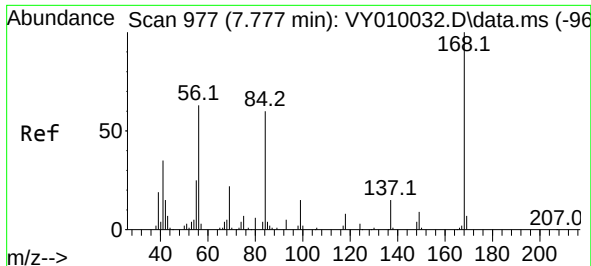
Tgt Ion: 77 Resp: 1968

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#

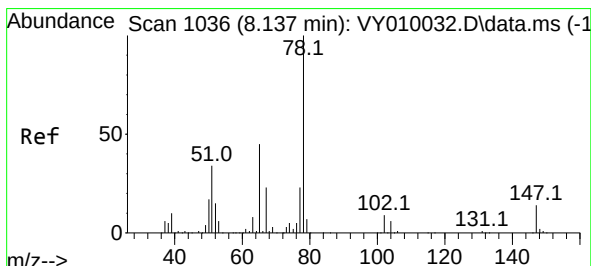
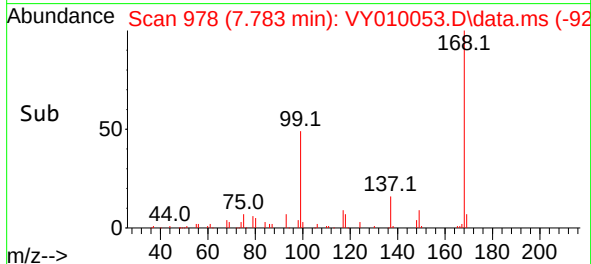
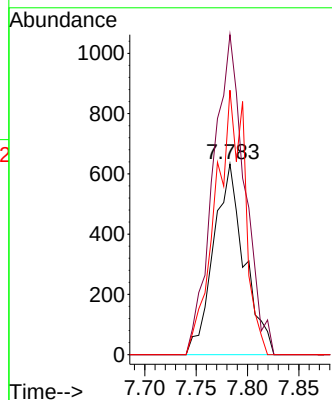
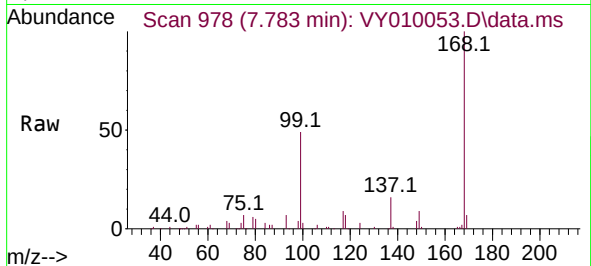




#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

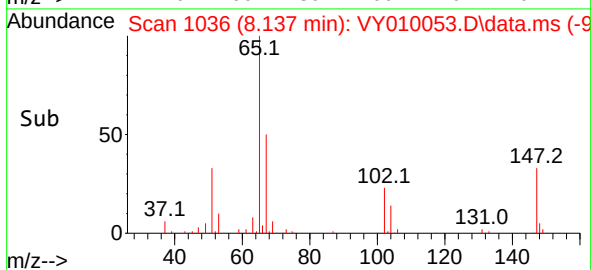
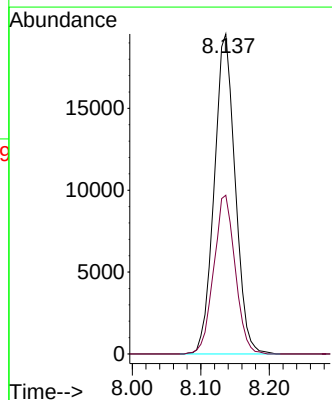
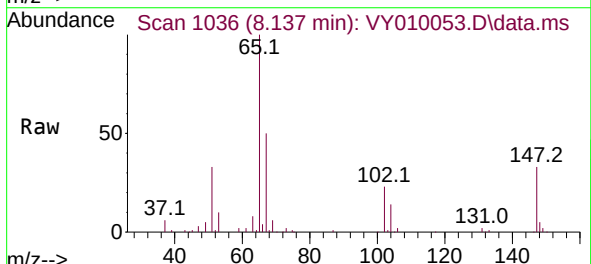
Instrument :
MSVOA_Y
ClientSampleId :
W-1

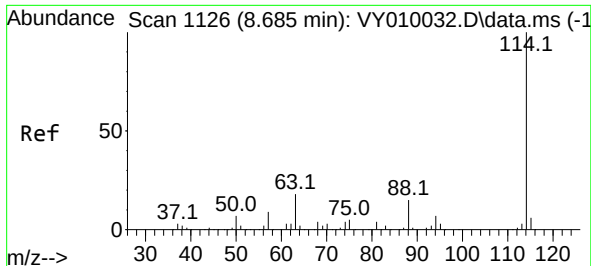
Tgt Ion: 56 Resp: 1321
Ion Ratio Lower Upper
56 100
69 167.8 28.6 43.0#
84 138.7 76.0 114.0#



#33
1,2-Dichloroethane-d4
Concen: 59.954 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

Tgt Ion: 65 Resp: 41396
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

W-1

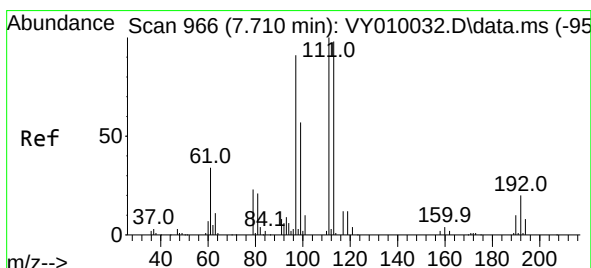
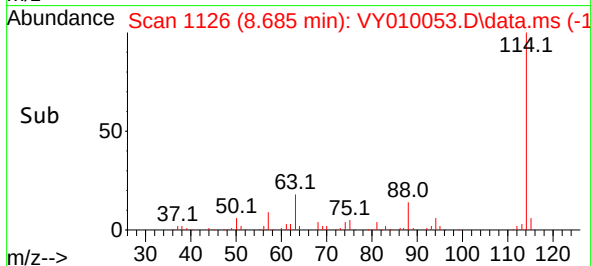
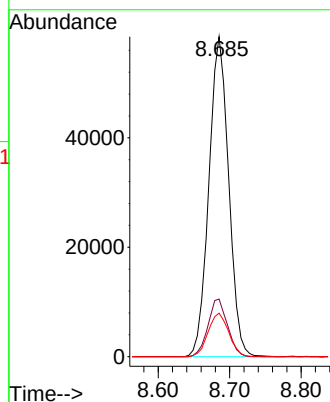
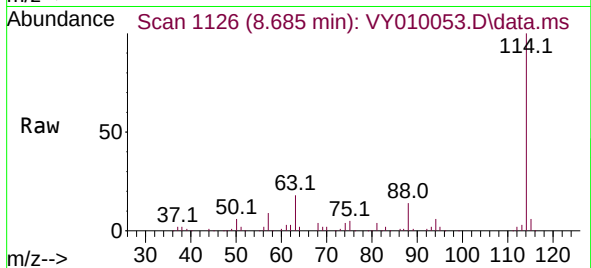
Tgt Ion:114 Resp: 112275

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 13.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.061 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010053.D

Acq: 16 Aug 2022 19:08

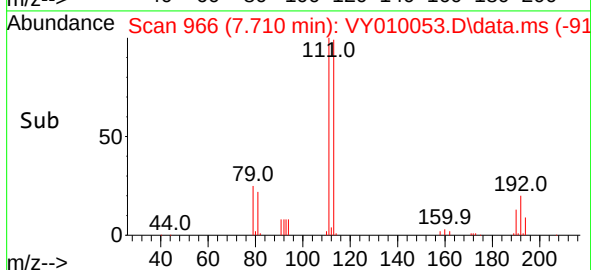
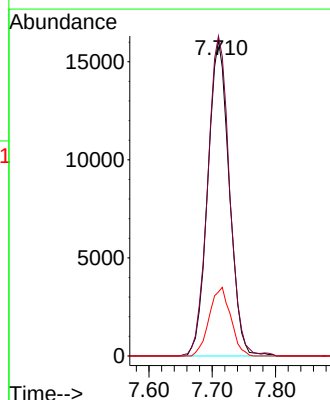
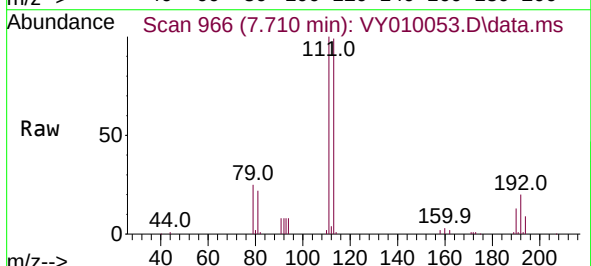
Tgt Ion:113 Resp: 37906

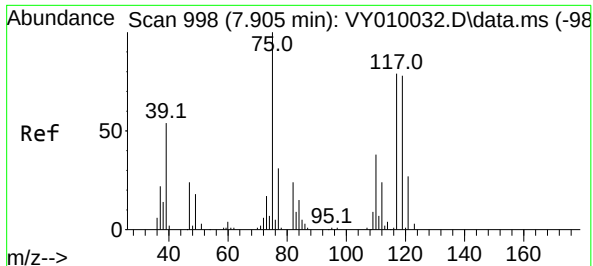
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 21.7 17.2 25.8

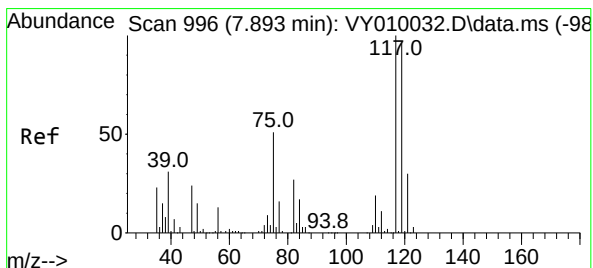
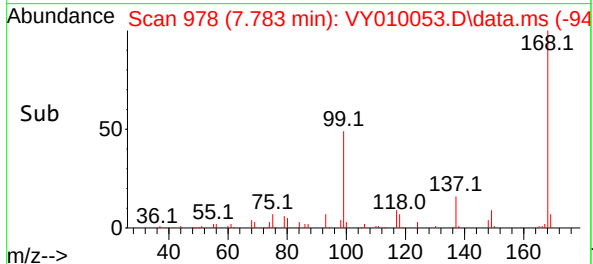
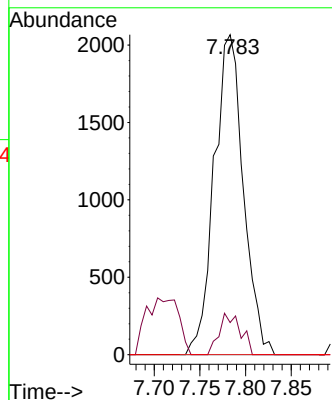
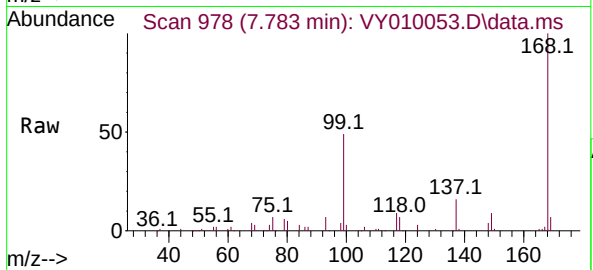




#36
 1,1-Dichloropropene
 Concen: 4.530 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY010053.D
 Acq: 16 Aug 2022 19:08

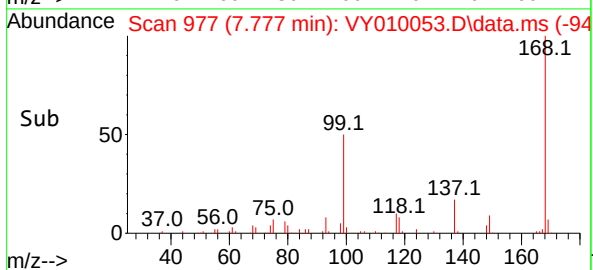
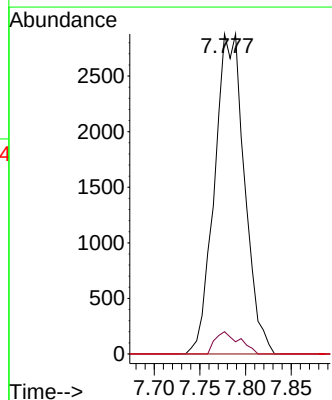
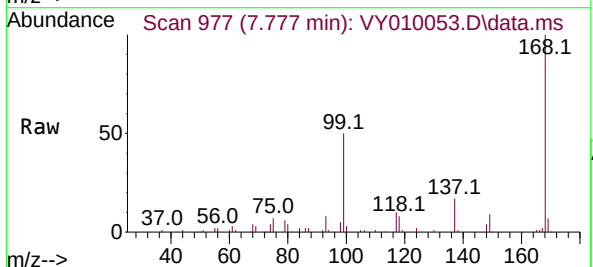
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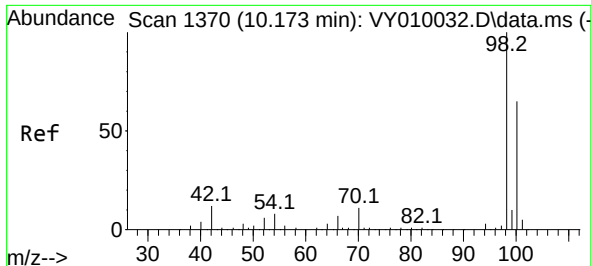
Tgt Ion: 75 Resp: 4595
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.4 55.4#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.270 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.116 min
 Lab File: VY010053.D
 Acq: 16 Aug 2022 19:08

Tgt Ion: 117 Resp: 6574
 Ion Ratio Lower Upper
 117 100
 119 7.0 77.0 115.6#
 121 0.0 24.2 36.4#

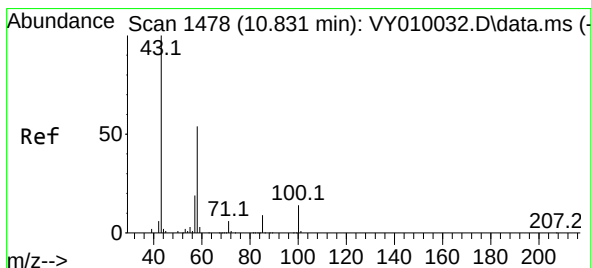
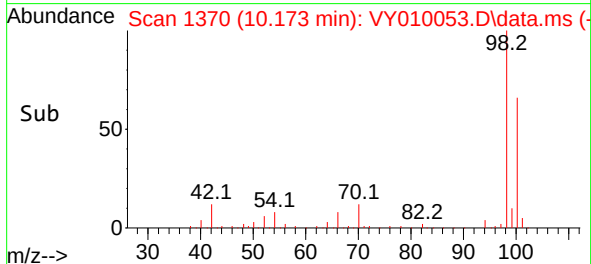
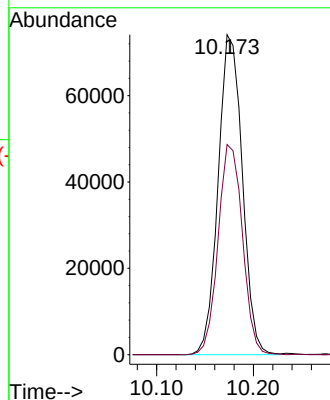
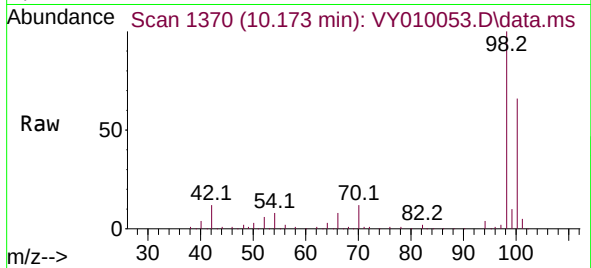




#50
Toluene-d8
Concen: 47.723 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

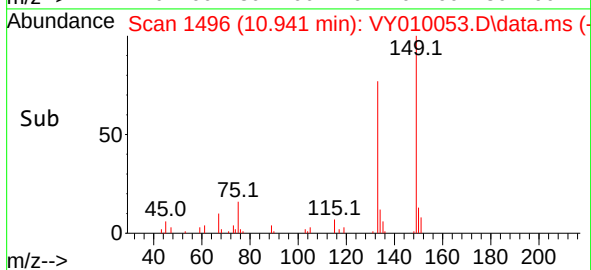
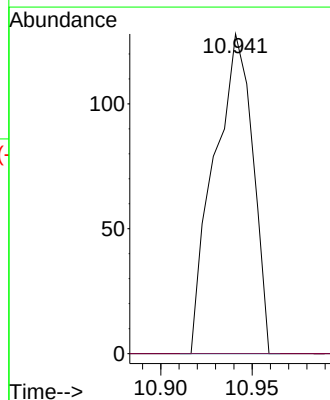
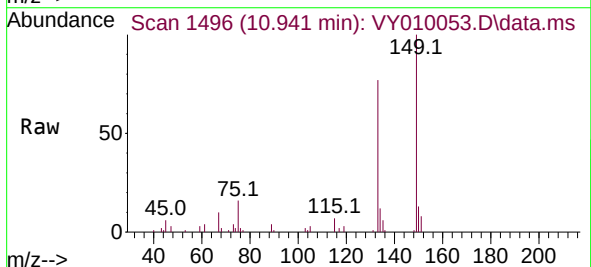
Instrument :
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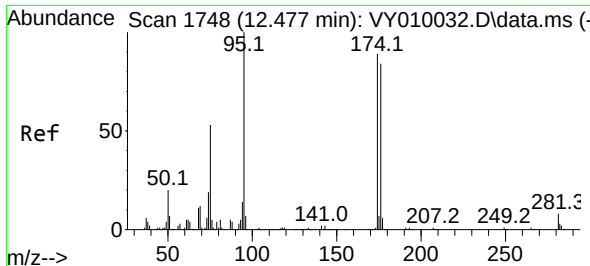
Tgt Ion: 98 Resp: 128555
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1



#59
2-Hexanone
Concen: 24.564 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.110 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#

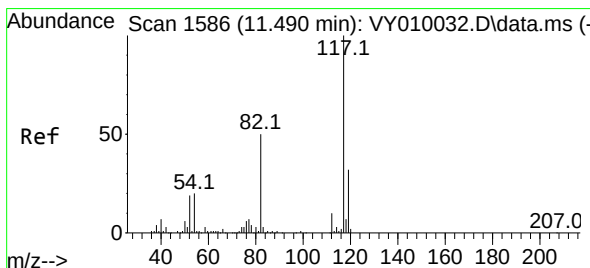
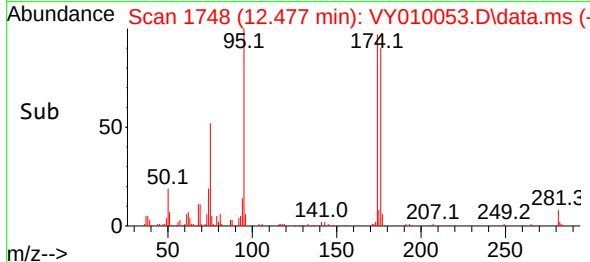
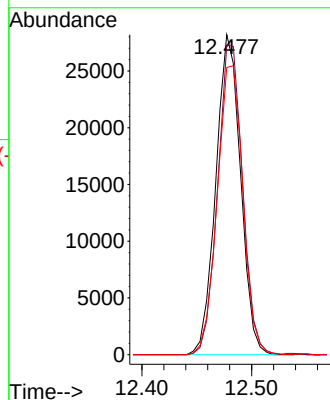
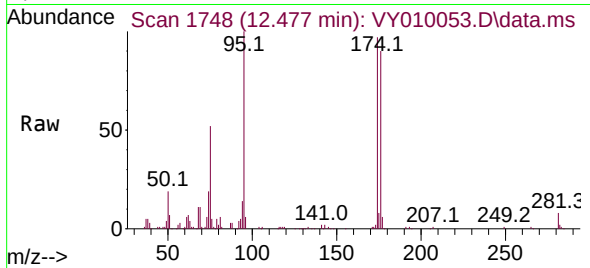




#62
4-Bromofluorobenzene
Concen: 46.654 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

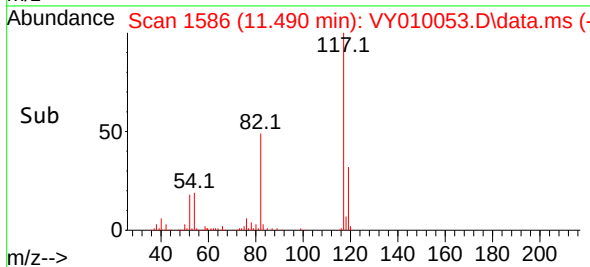
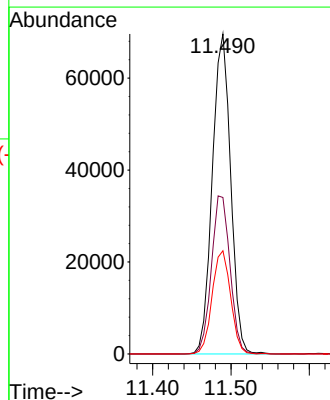
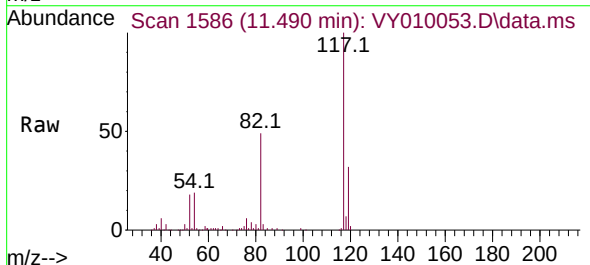
Instrument :
MSVOA_Y
ClientSampleId :
W-1

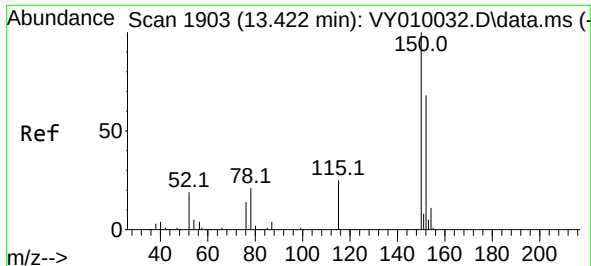
Tgt Ion:	95	Resp:	44142
Ion Ratio	Lower	Upper	
95	100		
174	97.8	0.0	184.2
176	93.8	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010053.D
Acq: 16 Aug 2022 19:08

Tgt Ion:	117	Resp:	113260
Ion Ratio	Lower	Upper	
117	100		
82	48.9	39.8	59.6
119	32.3	25.6	38.4

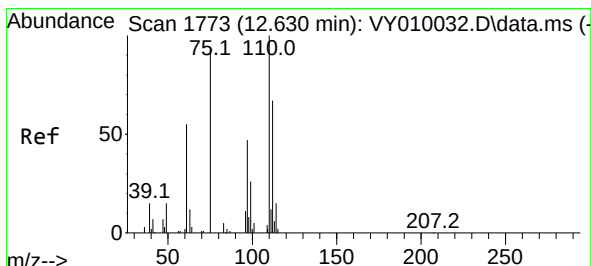
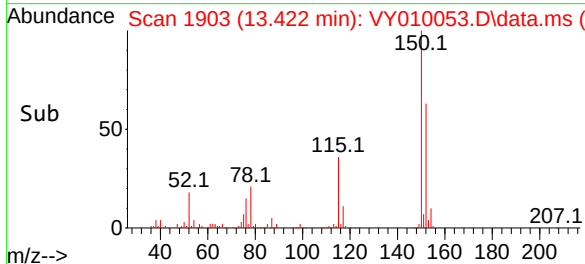
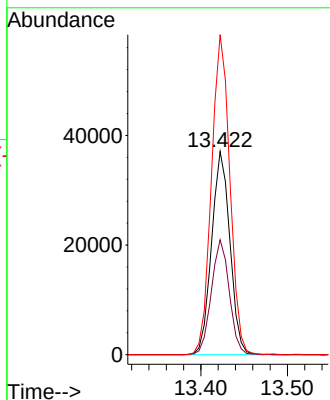
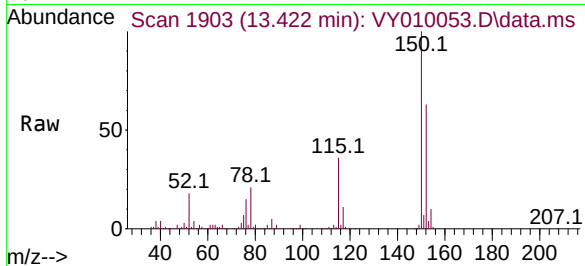




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010053.D
 Acq: 16 Aug 2022 19:08

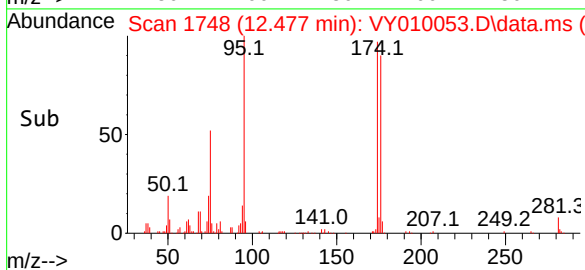
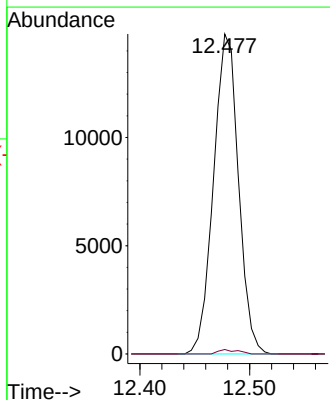
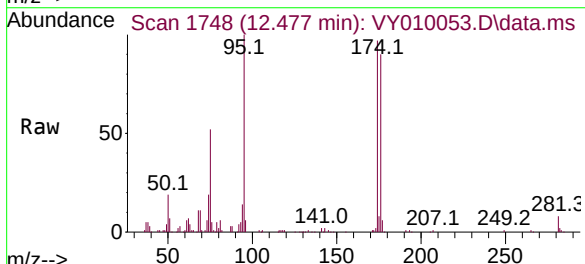
Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1

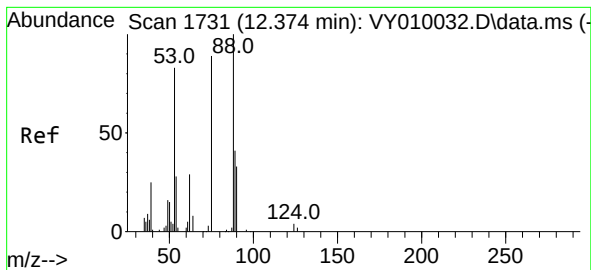
Tgt Ion:152 Resp: 54518
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.1 84.3
 150 157.8 0.0 346.6



#76
 1,2,3-Trichloropropane
 Concen: 45.159 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY010053.D
 Acq: 16 Aug 2022 19:08

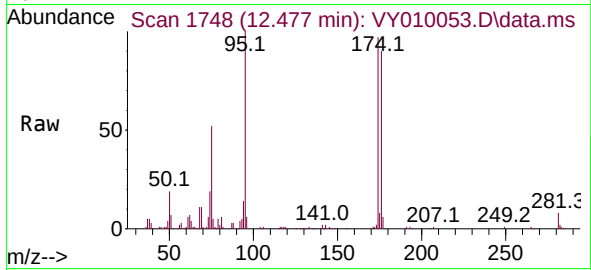
Tgt Ion: 75 Resp: 23337
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.054 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010053.D
 Acq: 16 Aug 2022 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	37.8	56.6#

