

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010886.D
 Acq On : 10 Oct 2022 12:40
 Operator : KP/MD
 Sample : VY1010SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 09:43:42 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)

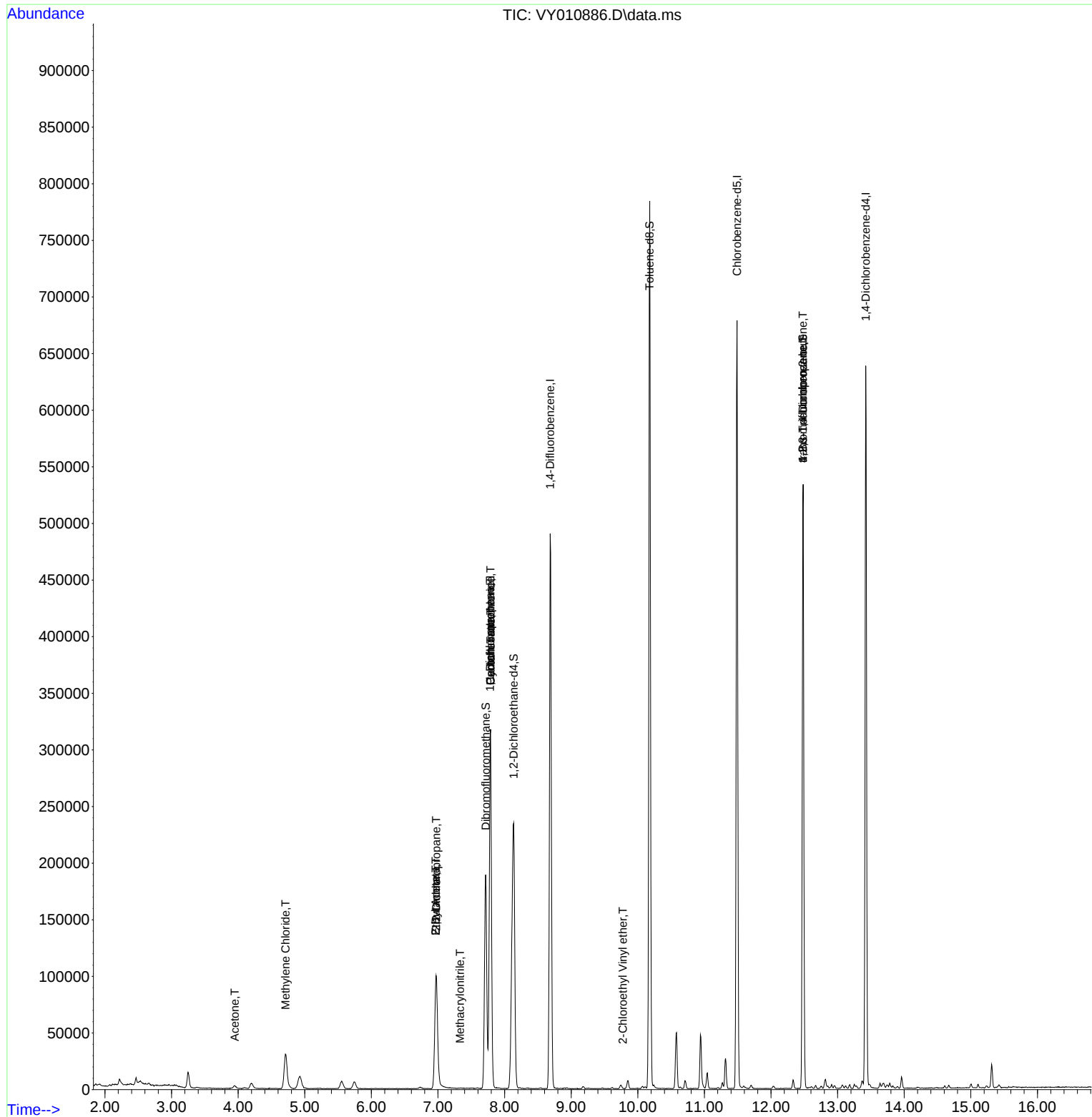
Internal Standards						
1) Pentafluorobenzene	7.789	168	245658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	424690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	374250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140666	56.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.980%	
35) Dibromofluoromethane	7.716	113	135274	47.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.960%	
50) Toluene-d8	10.179	98	508462	52.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.477	95	160510	42.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	11557	Below Cal	#	79
16) Acetone	3.948	43	4620	7.305	ug/l #	84
20) Methylene Chloride	4.710	84	23261	3.544	ug/l	86
25) 2-Butanone	6.966	43	6003	6.602	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	7668	1.740	ug/l #	55
31) Cyclohexane	7.789	56	4902	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19166	4.709	ug/l #	51
37) Ethyl Acetate	6.966	43	6003	3.006	ug/l #	1
38) Carbon Tetrachloride	7.789	117	24643	5.814	ug/l #	15
41) Methacrylonitrile	7.332	41	132	2.688	ug/l #	37
58) 2-Chloroethyl Vinyl ether	9.776	63	59	25.831	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	80652	47.507	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80652	99.238	ug/l #	7

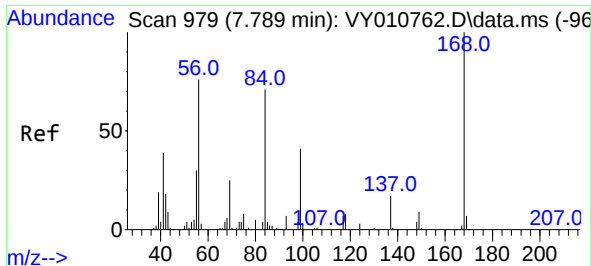
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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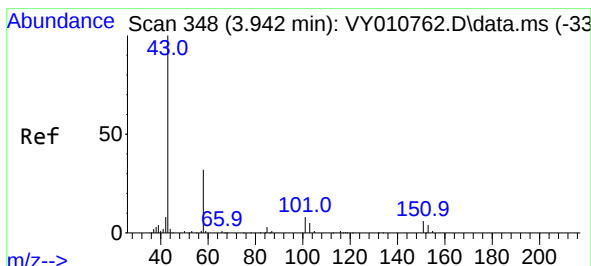
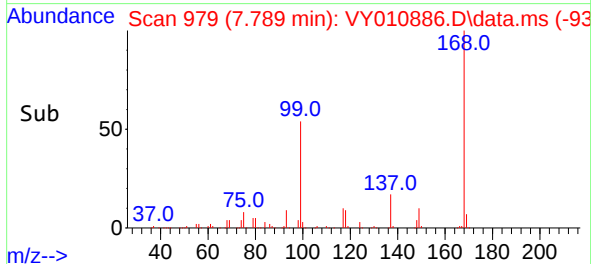
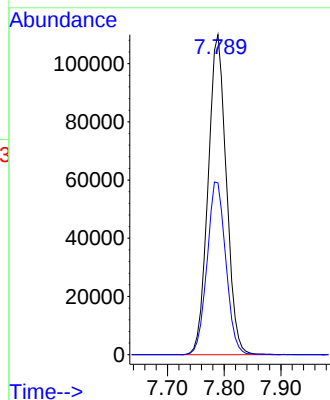
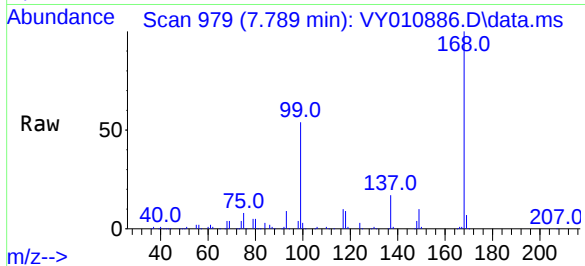




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

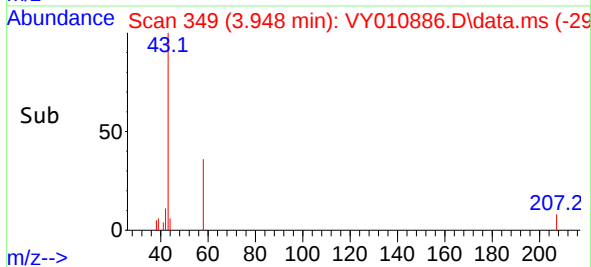
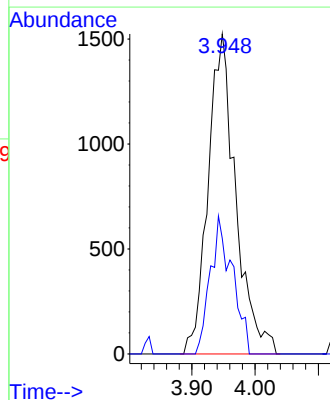
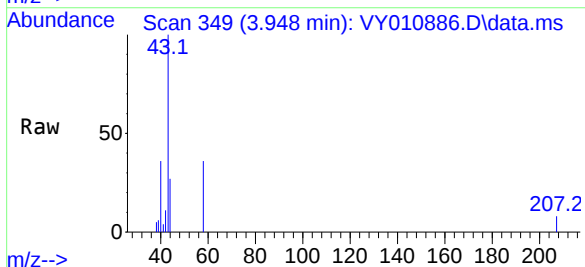
Instrument :
MSVOA_Y
ClientSampleId :

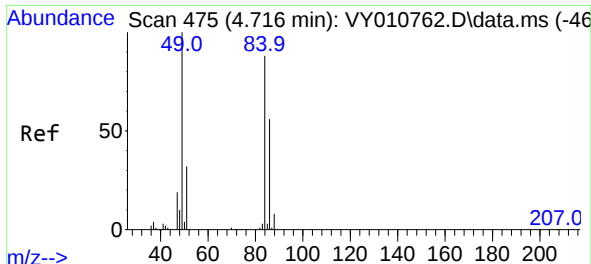
Tgt Ion:168 Resp: 245658
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 7.305 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

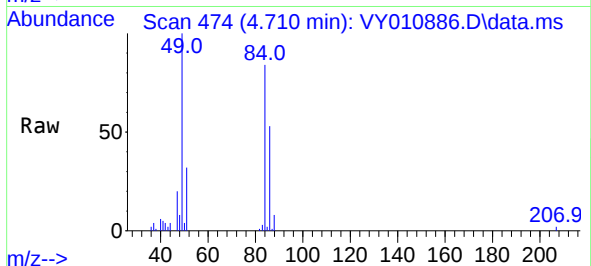
Tgt Ion: 43 Resp: 4620
Ion Ratio Lower Upper
43 100
58 36.1 22.0 33.0#





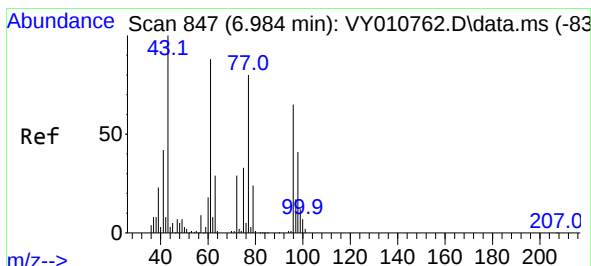
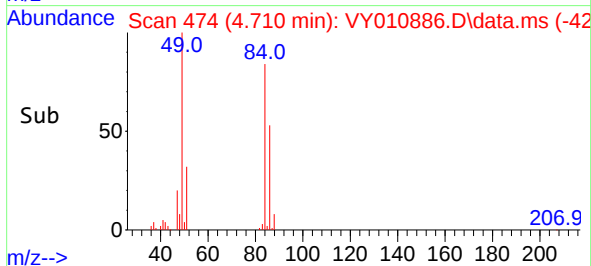
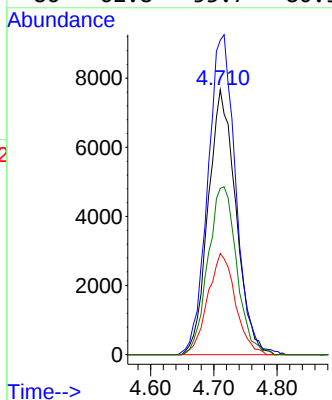
#20
Methylene Chloride
Concen: 3.544 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 23261

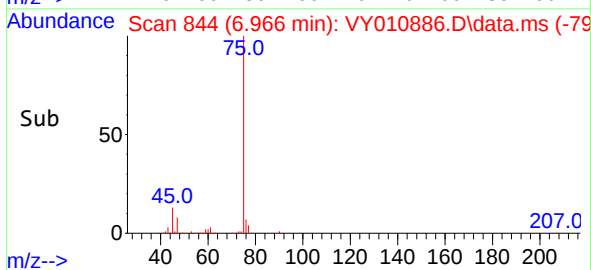
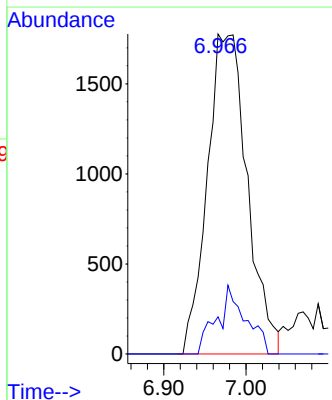
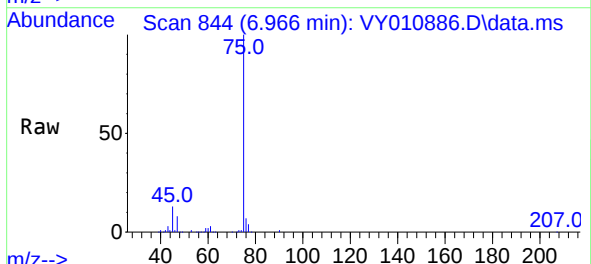
Ion	Ratio	Lower	Upper
84	100		
49	118.7	114.4	171.6
51	38.2	35.3	52.9
86	62.8	53.7	80.5

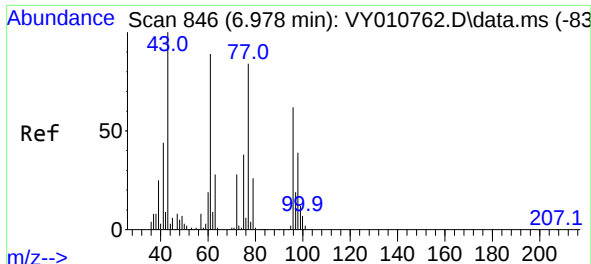


#25
2-Butanone
Concen: 6.602 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Tgt Ion: 43 Resp: 6003

Ion	Ratio	Lower	Upper
43	100		
72	11.6	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.740 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

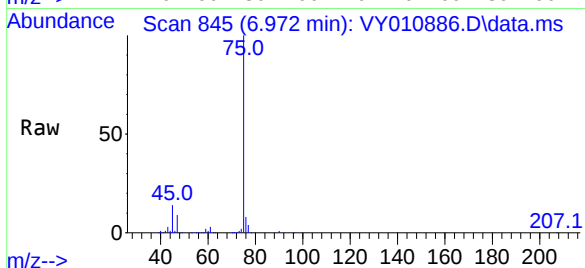
Lab File: VY010886.D

Acq: 10 Oct 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

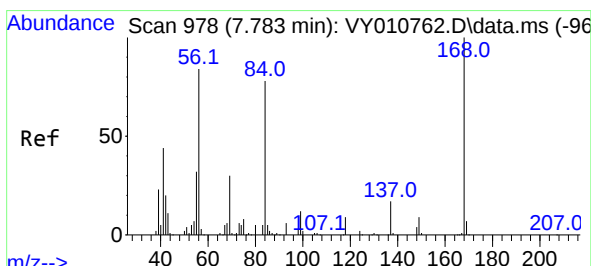
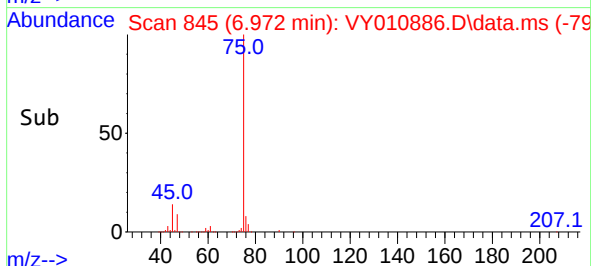
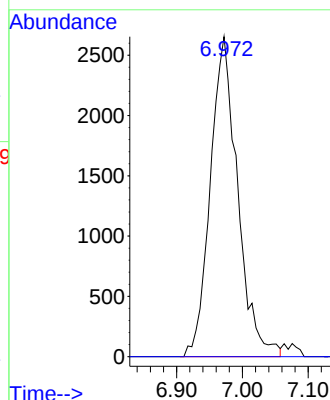


Tgt Ion: 77 Resp: 7668

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY010886.D

Acq: 10 Oct 2022 12:40

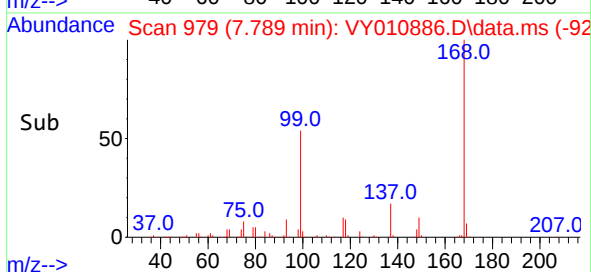
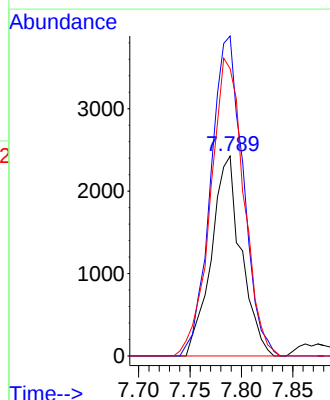
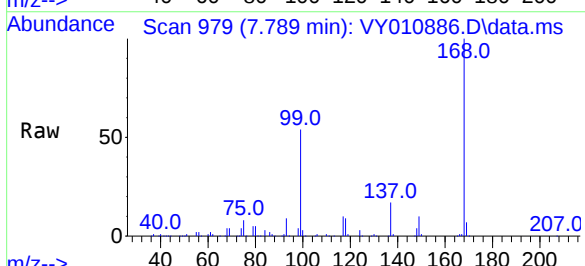
Tgt Ion: 56 Resp: 4902

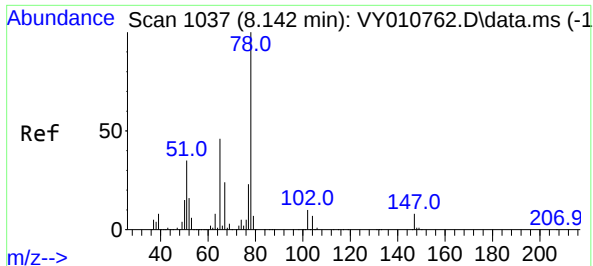
Ion Ratio Lower Upper

56 100

69 160.1 26.7 40.1#

84 143.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.491 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010886.D

Acq: 10 Oct 2022 12:40

Instrument :

MSVOA_Y

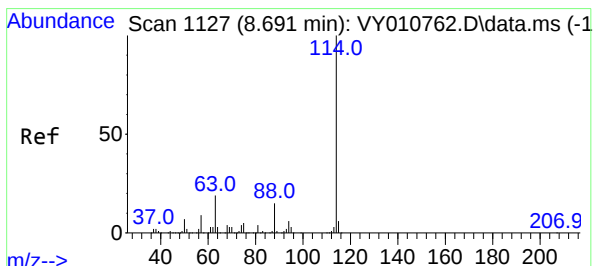
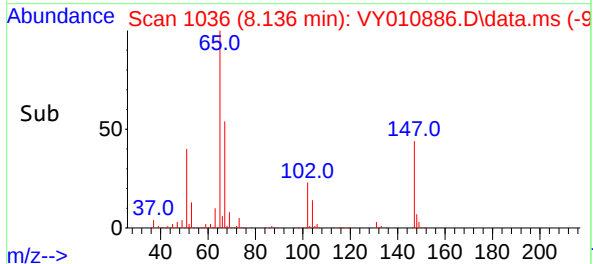
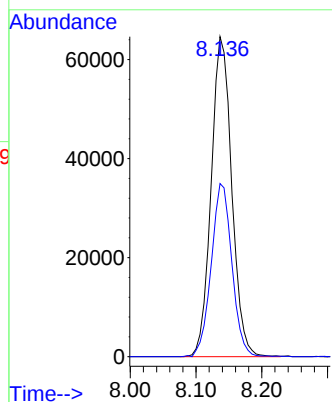
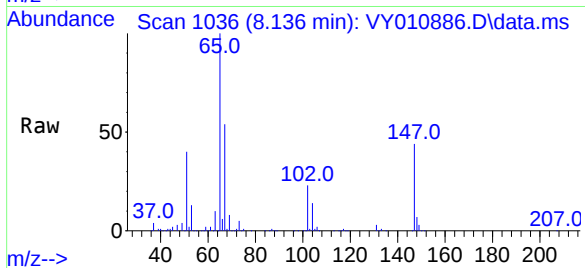
ClientSampleId :

Tgt Ion: 65 Resp: 140666

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010886.D

Acq: 10 Oct 2022 12:40

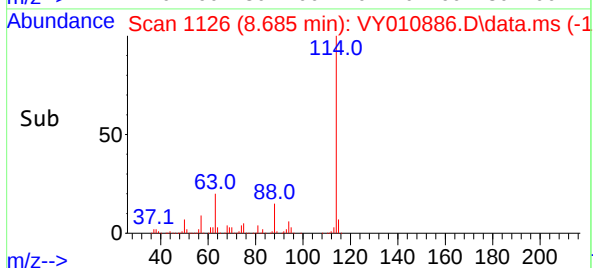
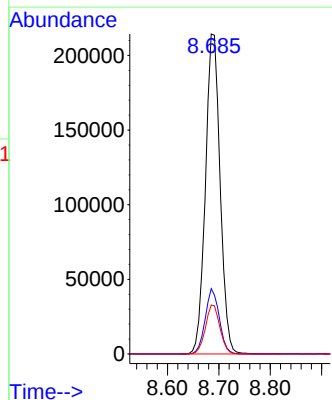
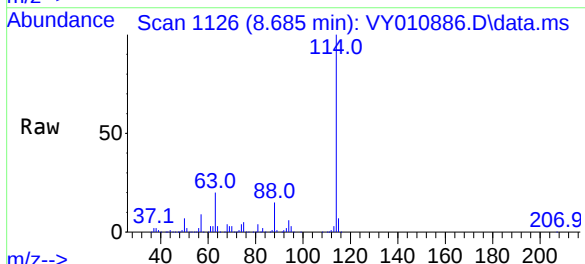
Tgt Ion: 114 Resp: 424690

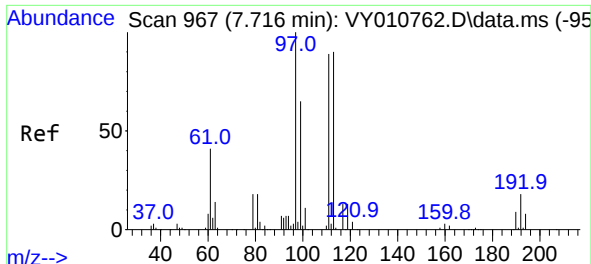
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

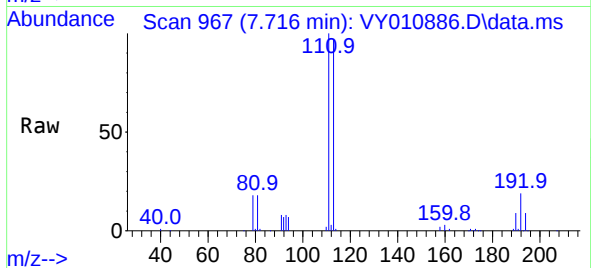
88 15.3 0.0 31.8



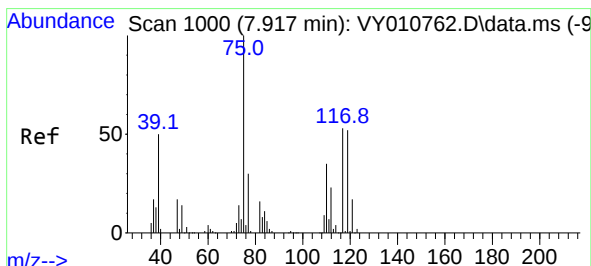
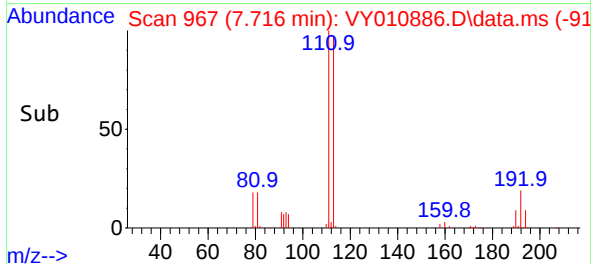
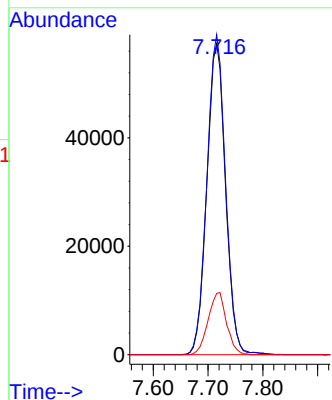


#35
Dibromofluoromethane
Concen: 47.984 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

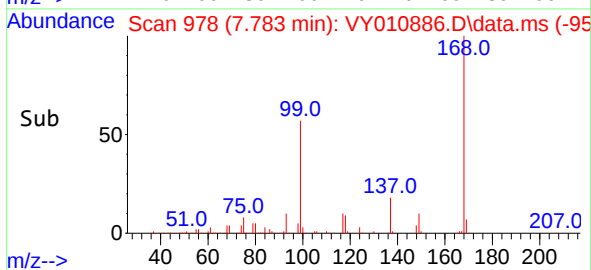
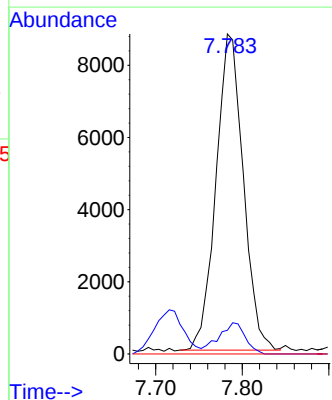
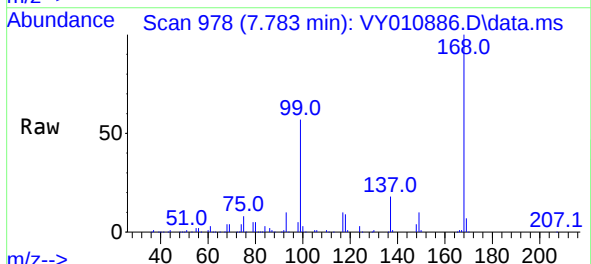


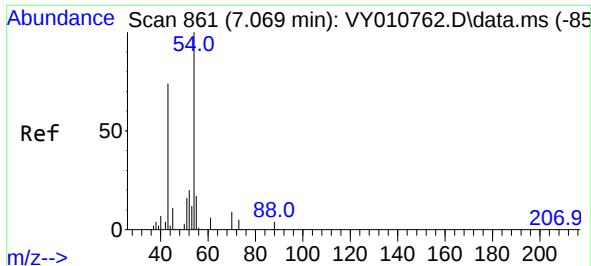
Tgt Ion:113 Resp: 135274
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Tgt Ion: 75 Resp: 19166
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.006 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.103 min

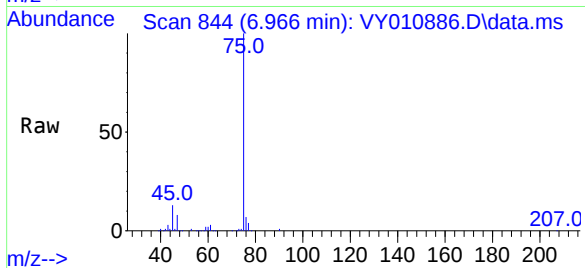
Lab File: VY010886.D

Acq: 10 Oct 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :



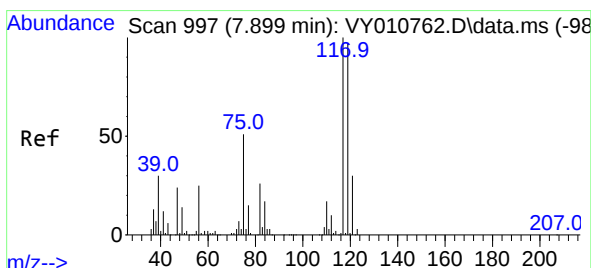
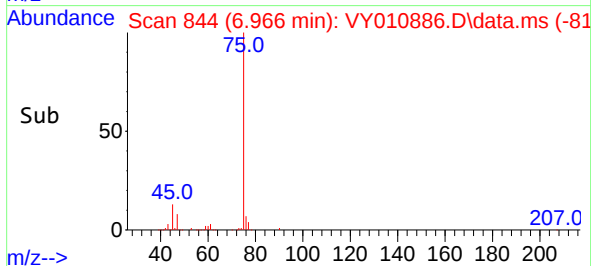
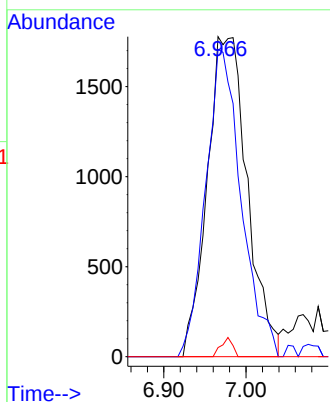
Tgt Ion: 43 Resp: 6003

Ion Ratio Lower Upper

43 100

61 85.6 9.7 14.5#

70 1.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.814 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010886.D

Acq: 10 Oct 2022 12:40

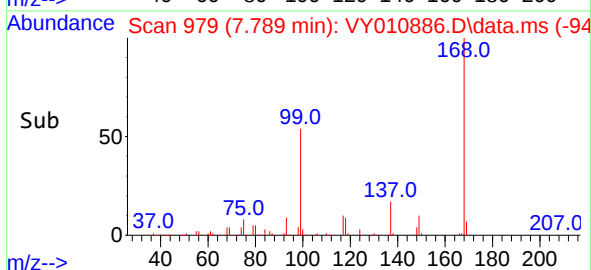
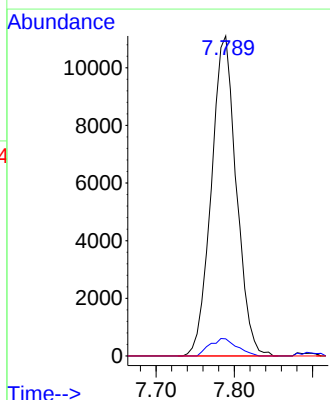
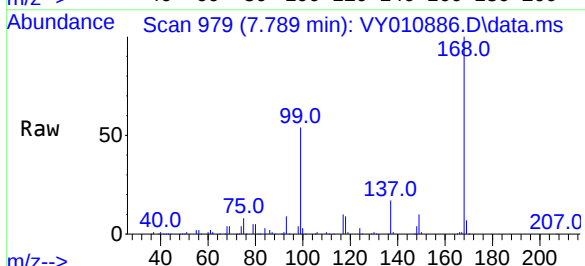
Tgt Ion: 117 Resp: 24643

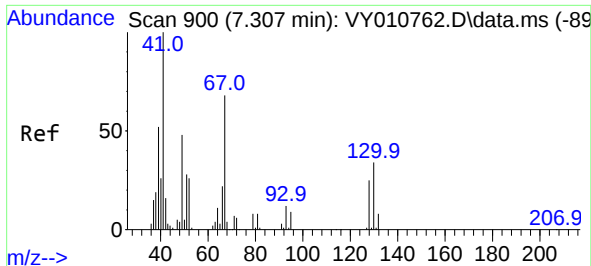
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

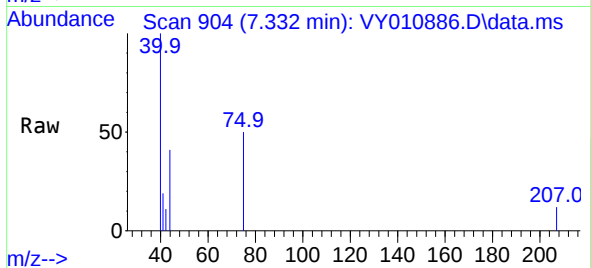
121 0.0 24.8 37.2#



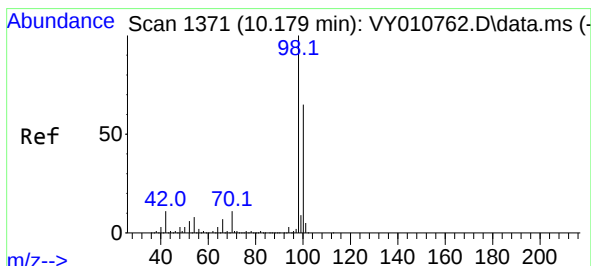
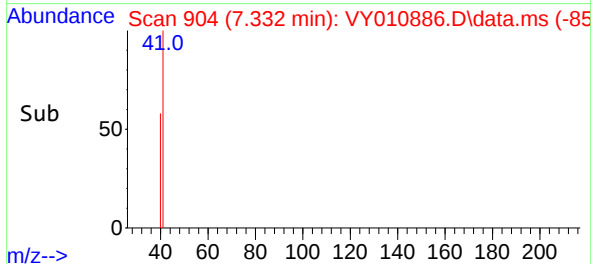
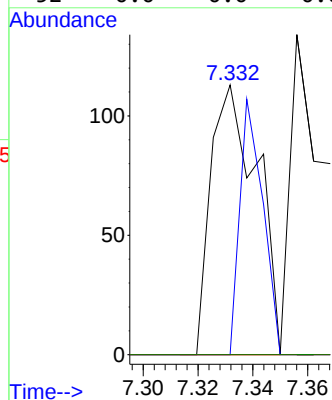


#41
Methacrylonitrile
Concen: 2.688 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

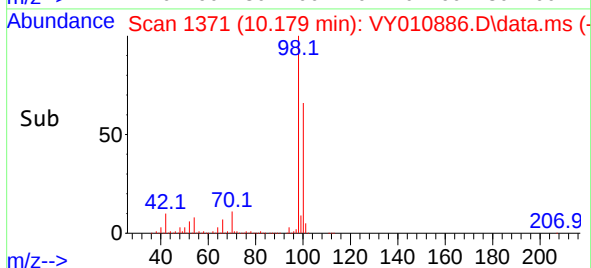
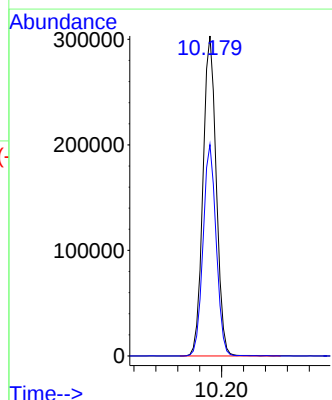
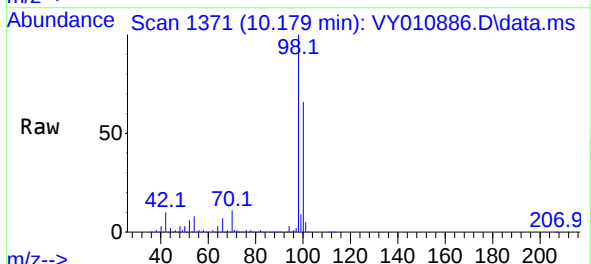


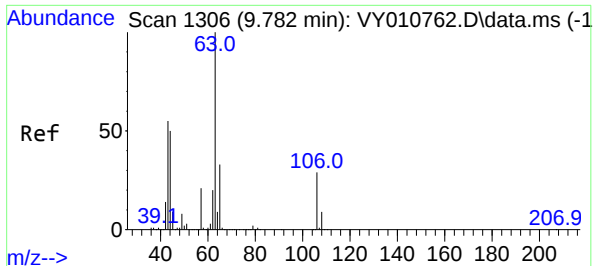
Tgt Ion: 41 Resp: 132
Ion Ratio Lower Upper
41 100
39 47.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 52.739 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Tgt Ion: 98 Resp: 508462
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

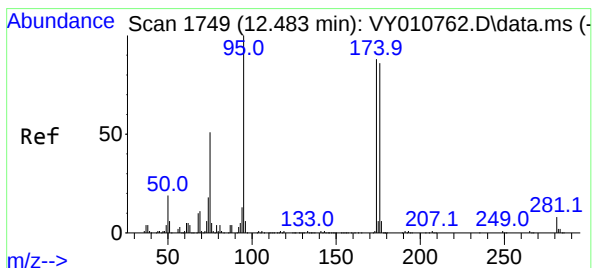
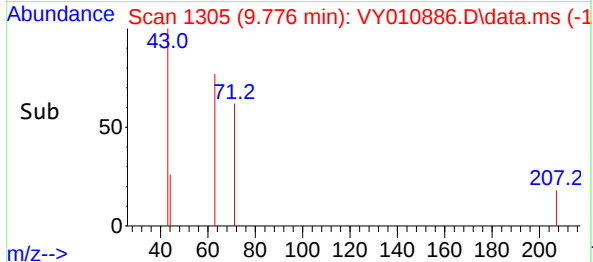
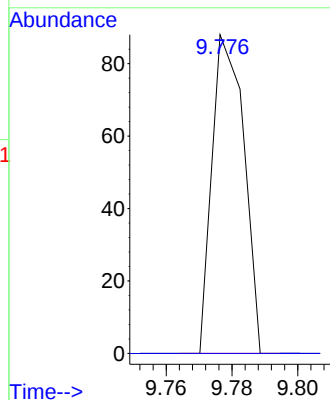
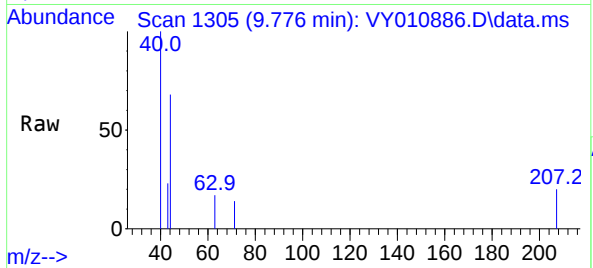




#58
2-Chloroethyl Vinyl ether
Concen: 25.831 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

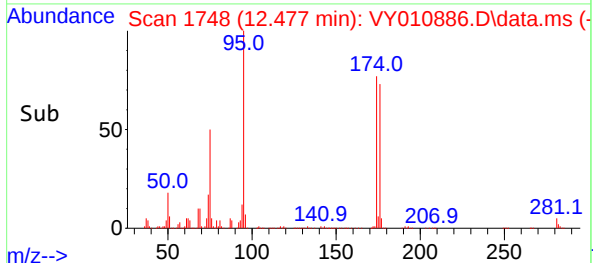
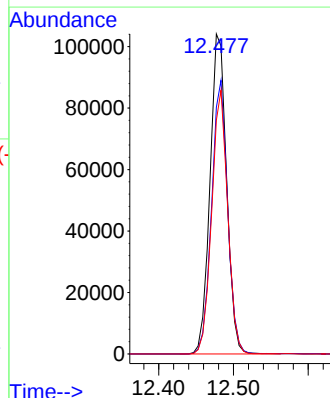
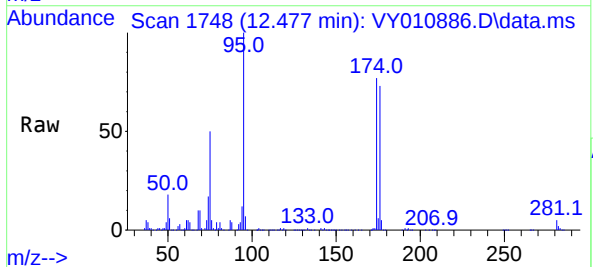
Instrument :
MSVOA_Y
ClientSampleId :

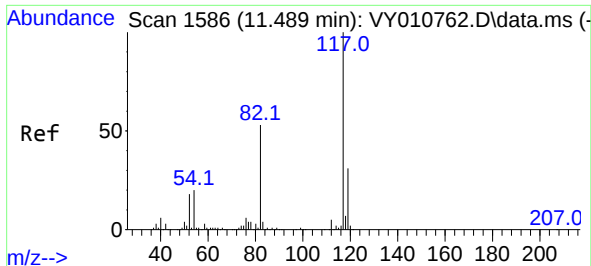
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 42.027 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

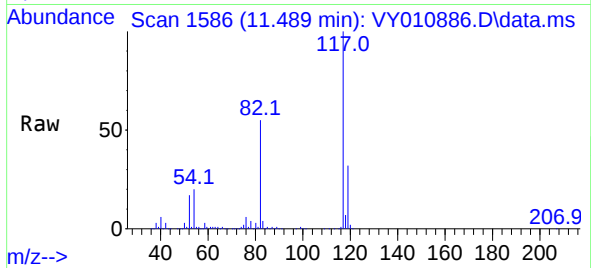
Tgt Ion: 95 Resp: 160510
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.6 0.0 175.8



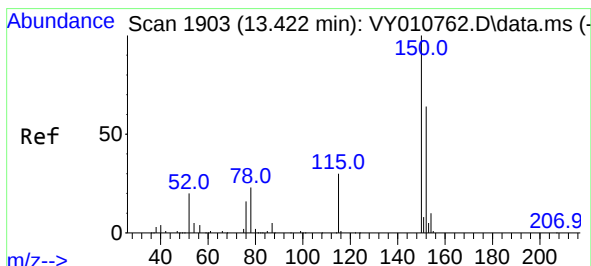
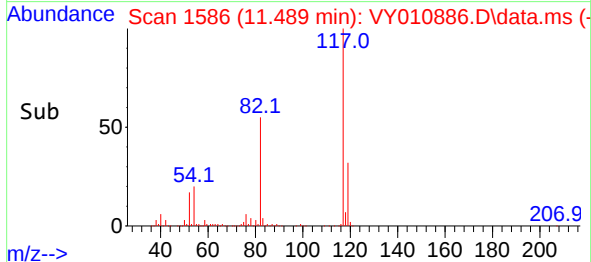
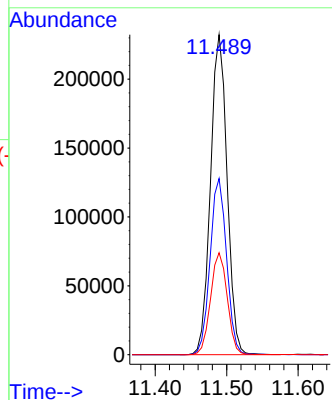


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

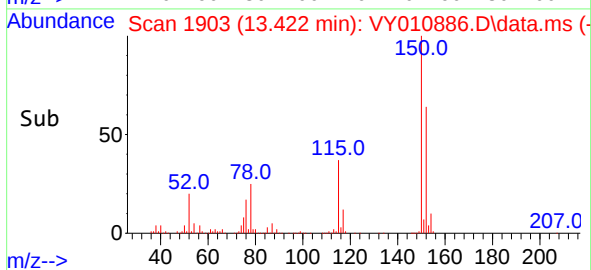
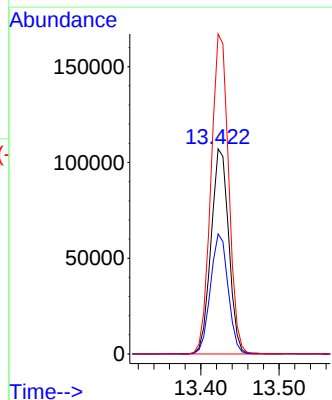
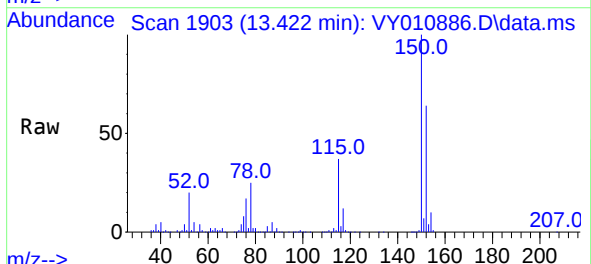


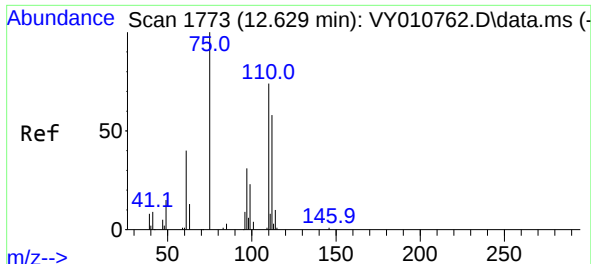
Tgt Ion:117 Resp: 374250
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Tgt Ion:152 Resp: 167642
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.2 0.0 347.6

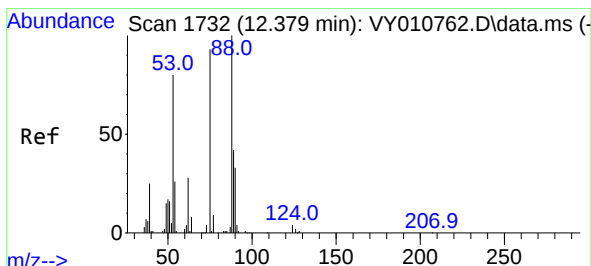
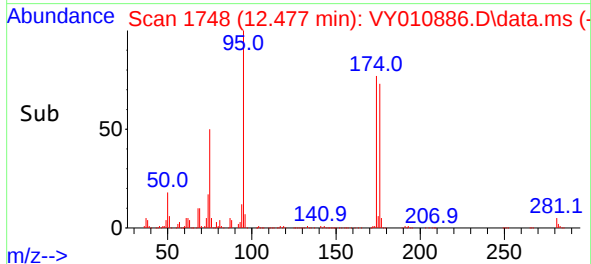
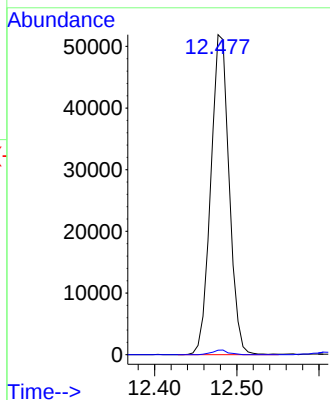
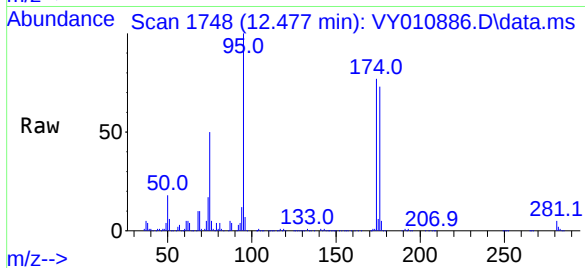




#76
1,2,3-Trichloropropane
Concen: 47.507 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80652
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.238 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010886.D
Acq: 10 Oct 2022 12:40

Tgt Ion: 75 Resp: 80652
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.3 37.0 55.4#

