

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010873.D
 Acq On : 07 Oct 2022 15:42
 Operator : KP/MD
 Sample : N5046-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1

Quant Time: Oct 08 04:47:29 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)

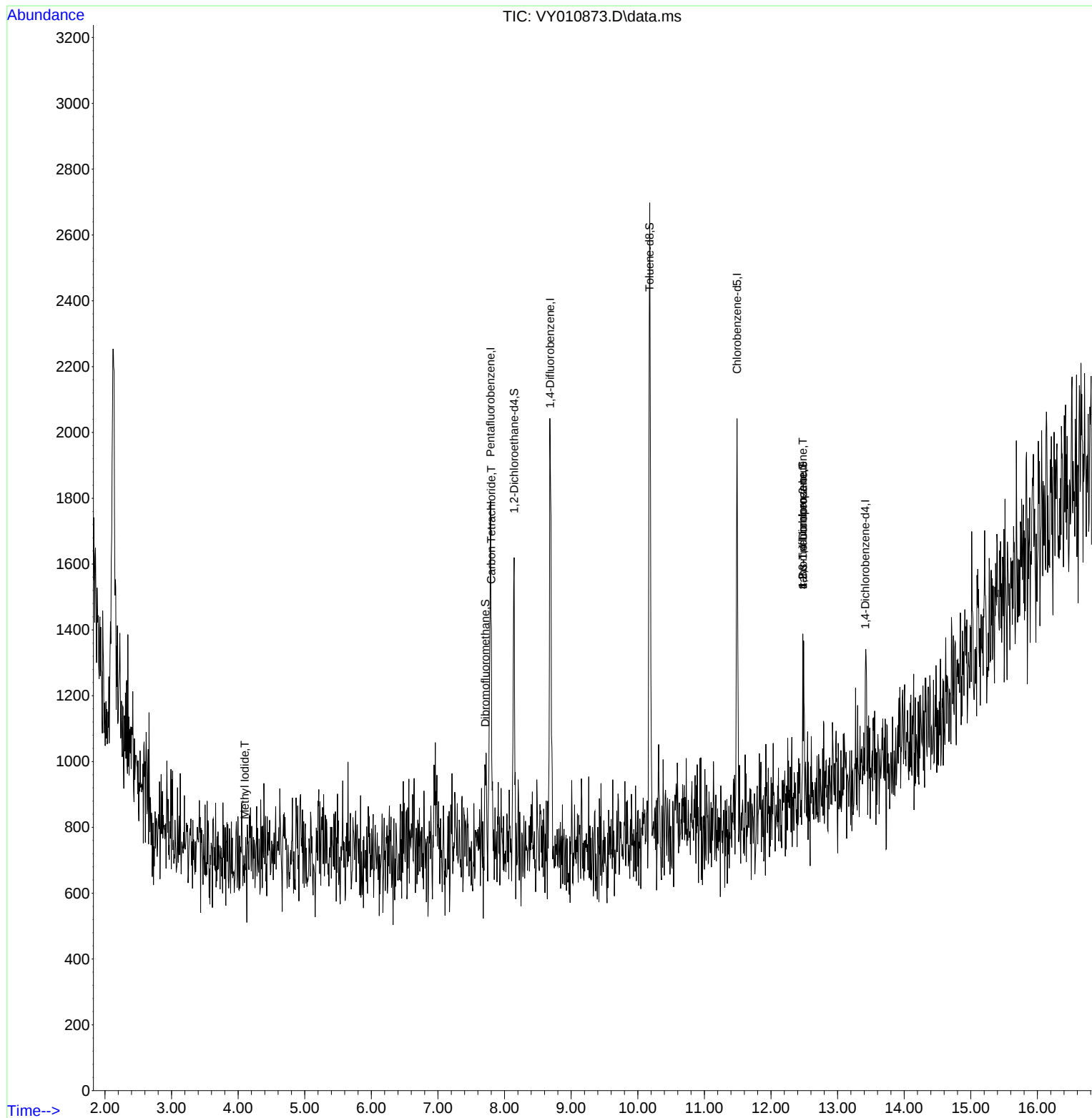
Internal Standards						
1) Pentafluorobenzene	7.789	168	986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	729	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	638	63.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.680%	
35) Dibromofluoromethane	7.710	113	289	27.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 54.480%	
50) Toluene-d8	10.179	98	1541	42.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.960%	
62) 4-Bromofluorobenzene	12.477	95	191	10.575	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 21.160%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	74	5.795	ug/l #	35
20) Methylene Chloride	4.698	84	21	Below Cal	#	1
38) Carbon Tetrachloride	7.801	117	21	1.317	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	113	83.898	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	113	175.255	ug/l #	7

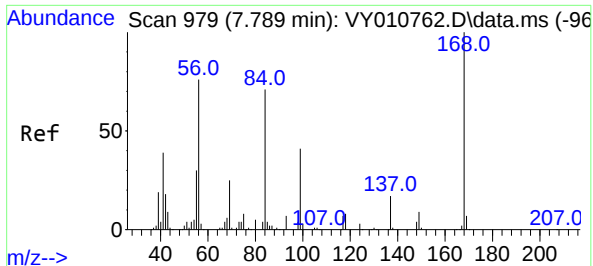
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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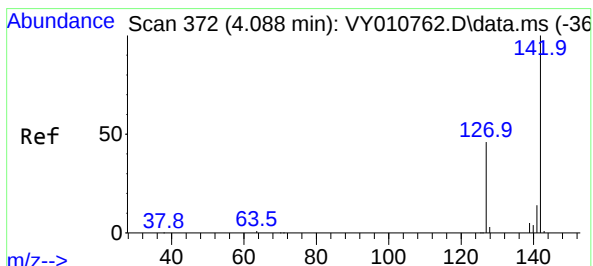
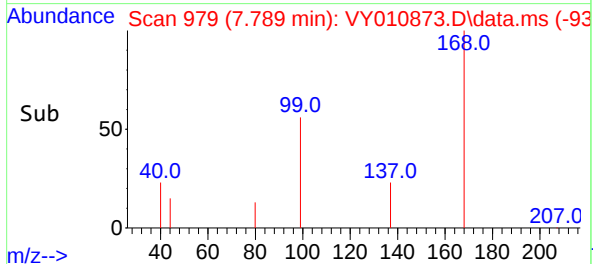
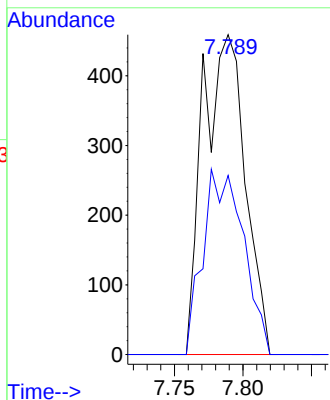
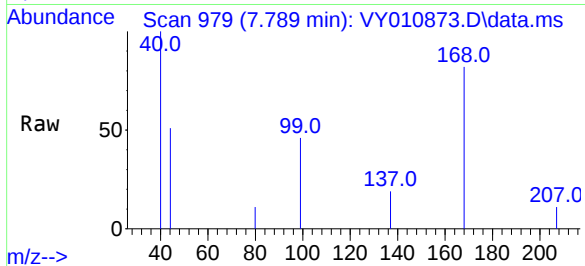




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

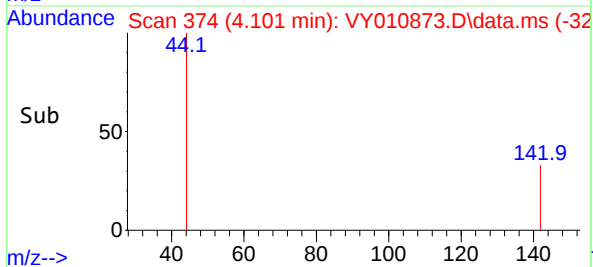
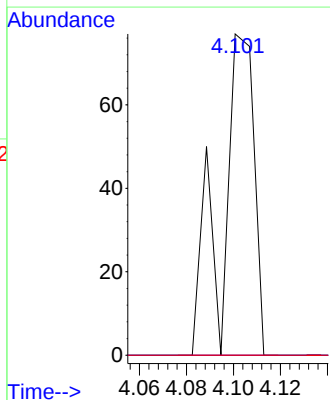
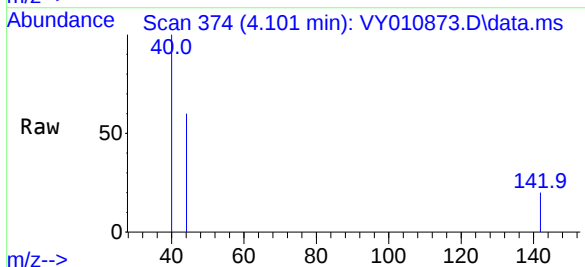
Instrument :
MSVOA_Y
ClientSampleId :
R-1

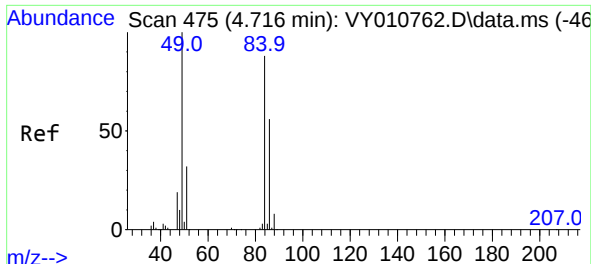
Tgt Ion:168 Resp: 986
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#10
Methyl Iodide
Concen: 5.795 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



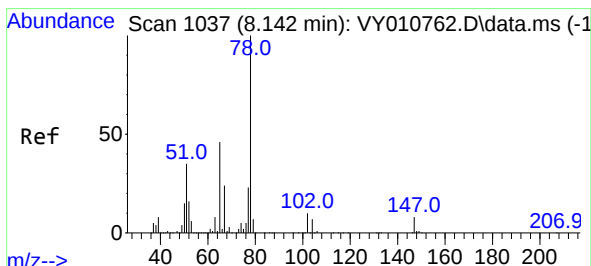
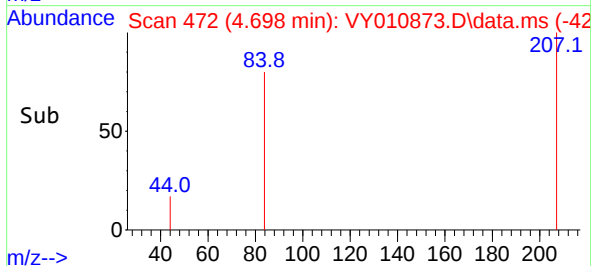
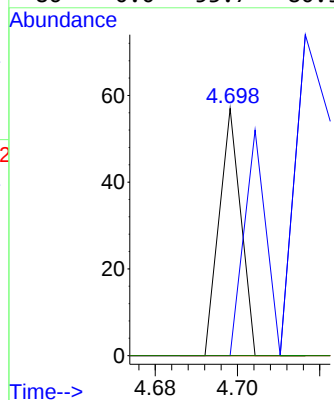
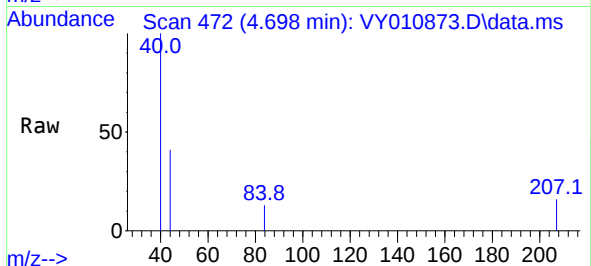


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
R-1

Tgt Ion: 84 Resp: 21

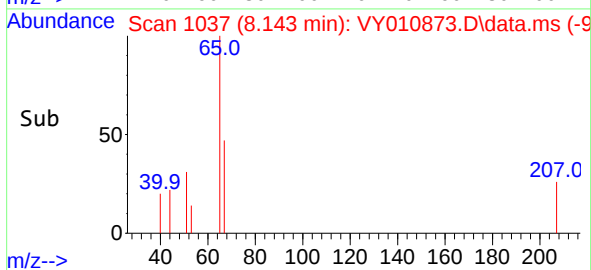
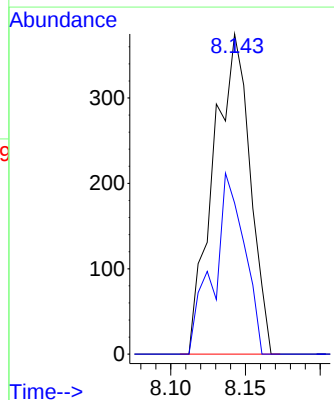
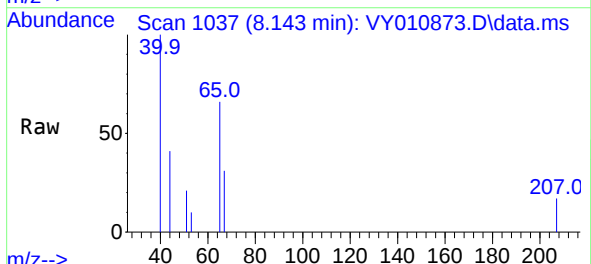
Ion	Ratio	Lower	Upper
84	100		
49	0.0	114.4	171.6#
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#

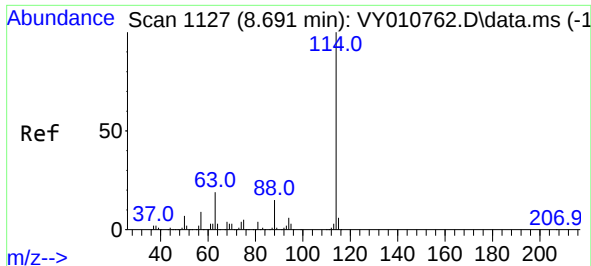


#33
1,2-Dichloroethane-d4
Concen: 63.836 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

Tgt Ion: 65 Resp: 638

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY010873.D

Acq: 07 Oct 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

R-1

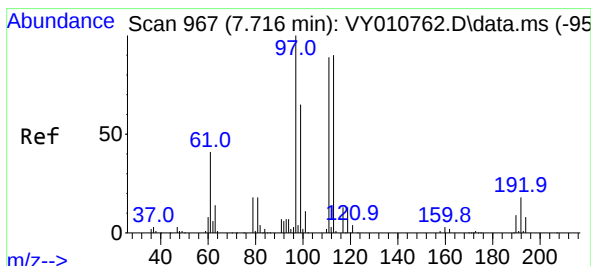
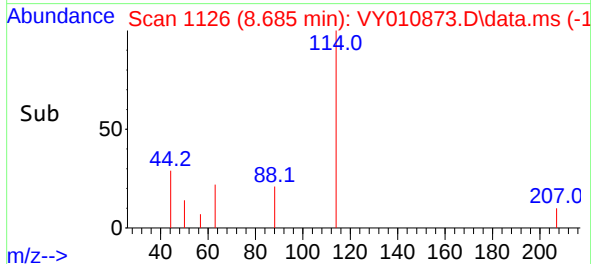
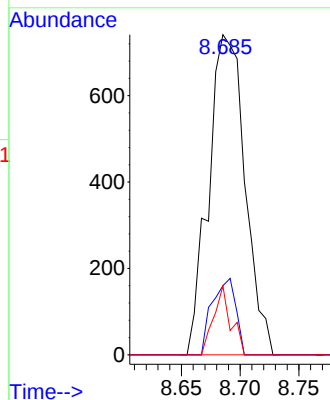
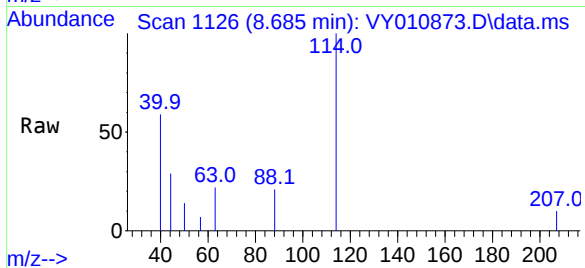
Tgt Ion:114 Resp: 1598

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 21.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 27.245 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010873.D

Acq: 07 Oct 2022 15:42

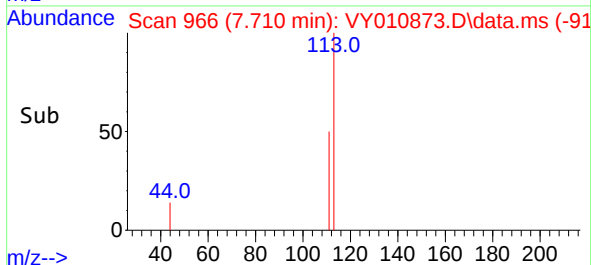
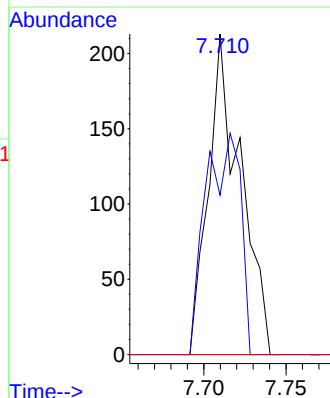
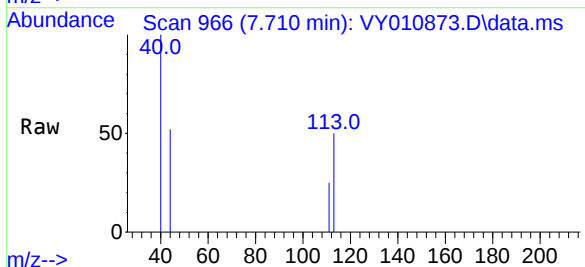
Tgt Ion:113 Resp: 289

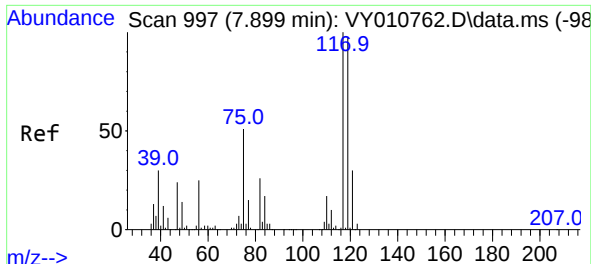
Ion Ratio Lower Upper

113 100

111 75.1 82.6 124.0#

192 0.0 17.6 26.4#

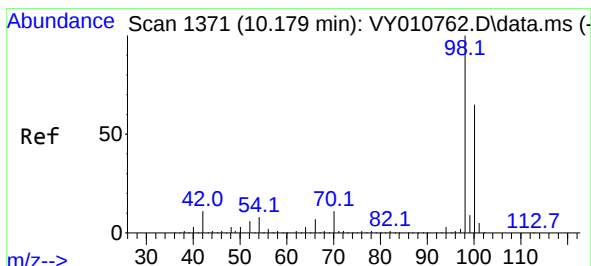
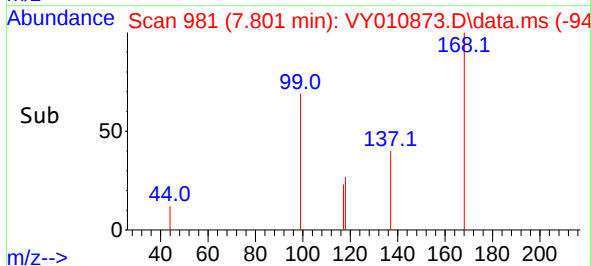
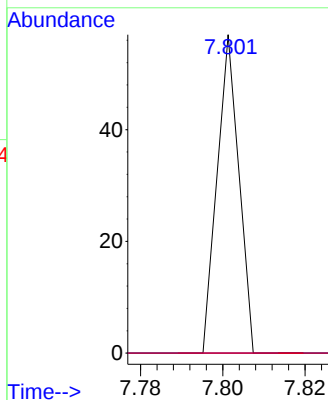
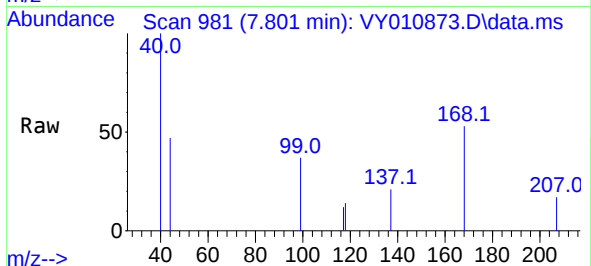




#38
Carbon Tetrachloride
Concen: 1.317 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

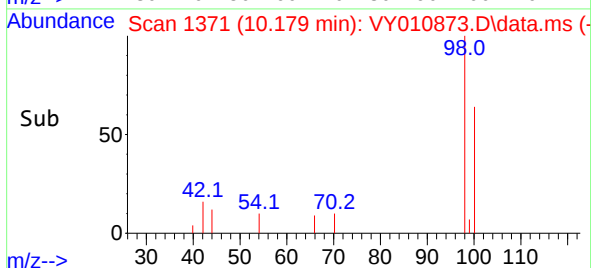
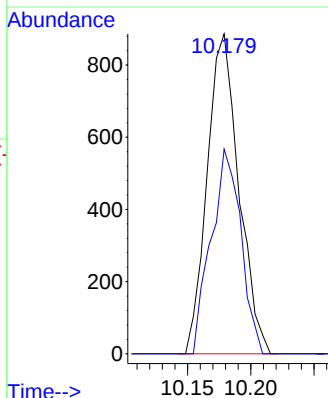
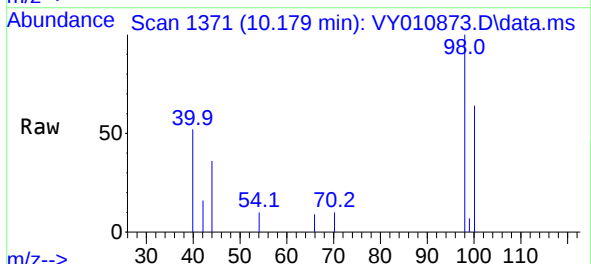
Instrument :
MSVOA_Y
ClientSampleId :
R-1

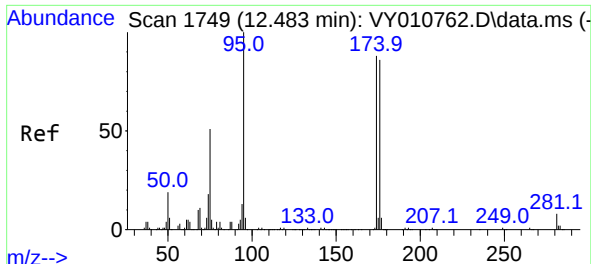
Tgt Ion:117 Resp: 21
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 42.479 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

Tgt Ion: 98 Resp: 1541
Ion Ratio Lower Upper
98 100
100 60.2 50.2 75.2

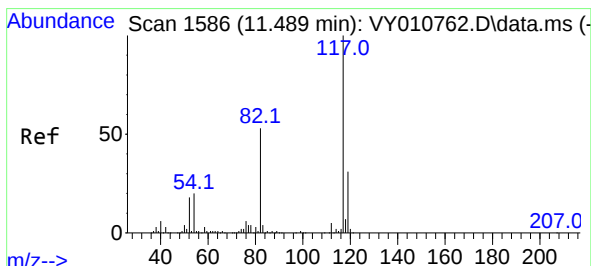
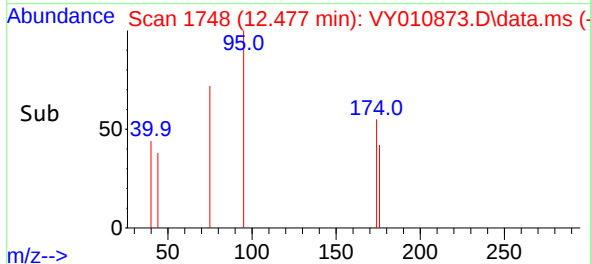
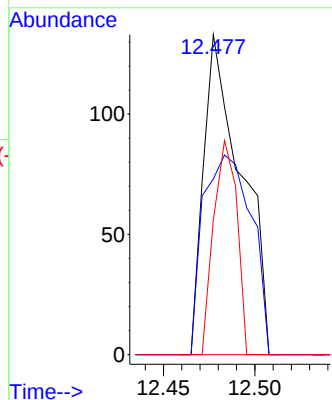
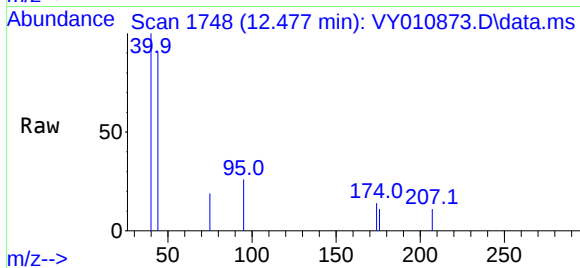




#62
4-Bromofluorobenzene
Concen: 10.575 ug/l
RT: 12.477 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

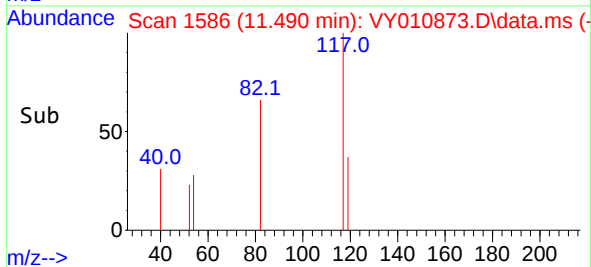
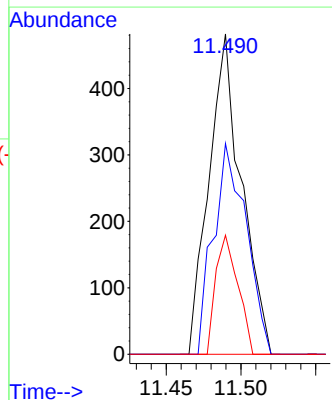
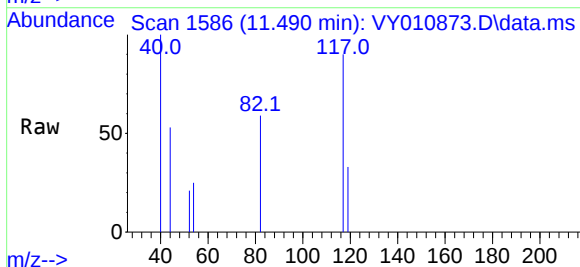
Instrument :
MSVOA_Y
ClientSampleId :
R-1

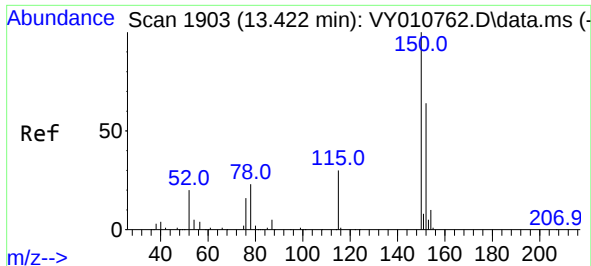
Tgt Ion:	95	Resp:	191
Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	177.0
176	41.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

Tgt Ion:	117	Resp:	729
Ion	Ratio	Lower	Upper
117	100		
82	65.8	43.0	64.4#
119	37.1	25.4	38.0

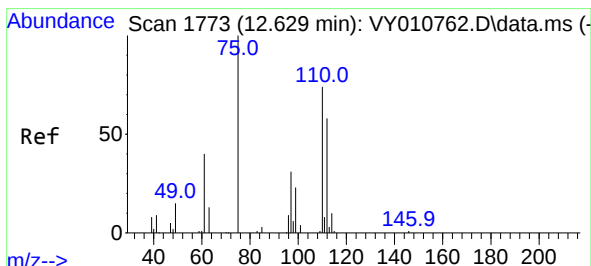
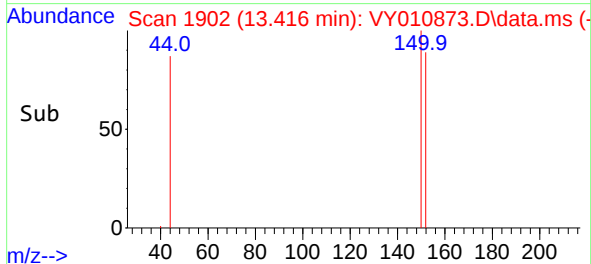
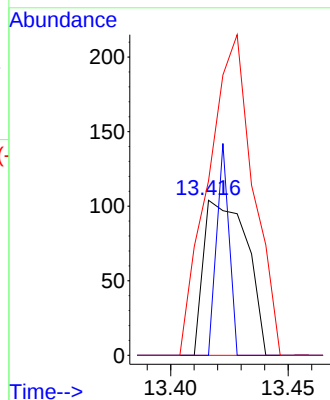
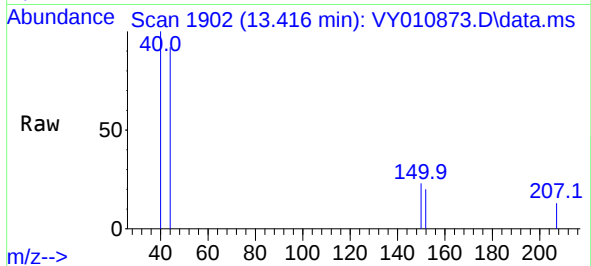




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

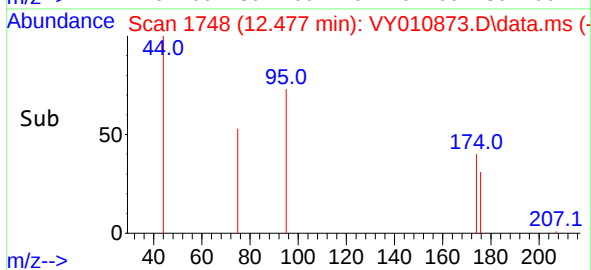
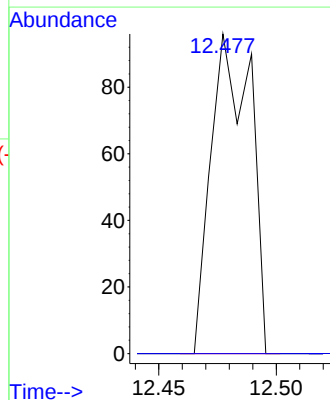
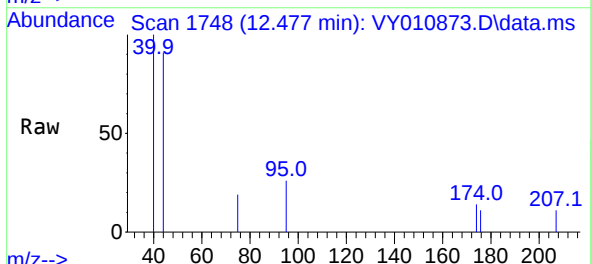
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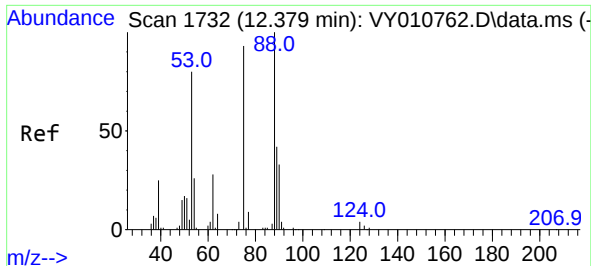
Tgt Ion:152 Resp: 133
Ion Ratio Lower Upper
152 100
115 39.1 28.2 84.7
150 215.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 83.898 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

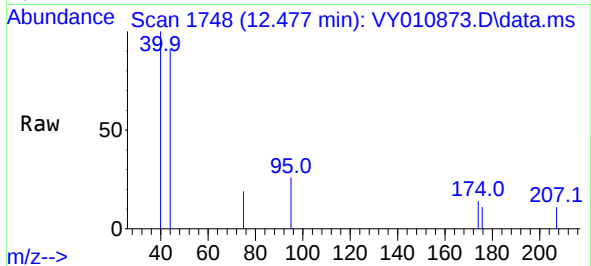
Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 175.255 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY010873.D
Acq: 07 Oct 2022 15:42

Instrument :
MSVOA_Y
ClientSampleId :
R-1



Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

