

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011073.D
 Acq On : 24 Oct 2022 16:44
 Operator : KP/MD
 Sample : N5253-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Oct 25 05:47:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

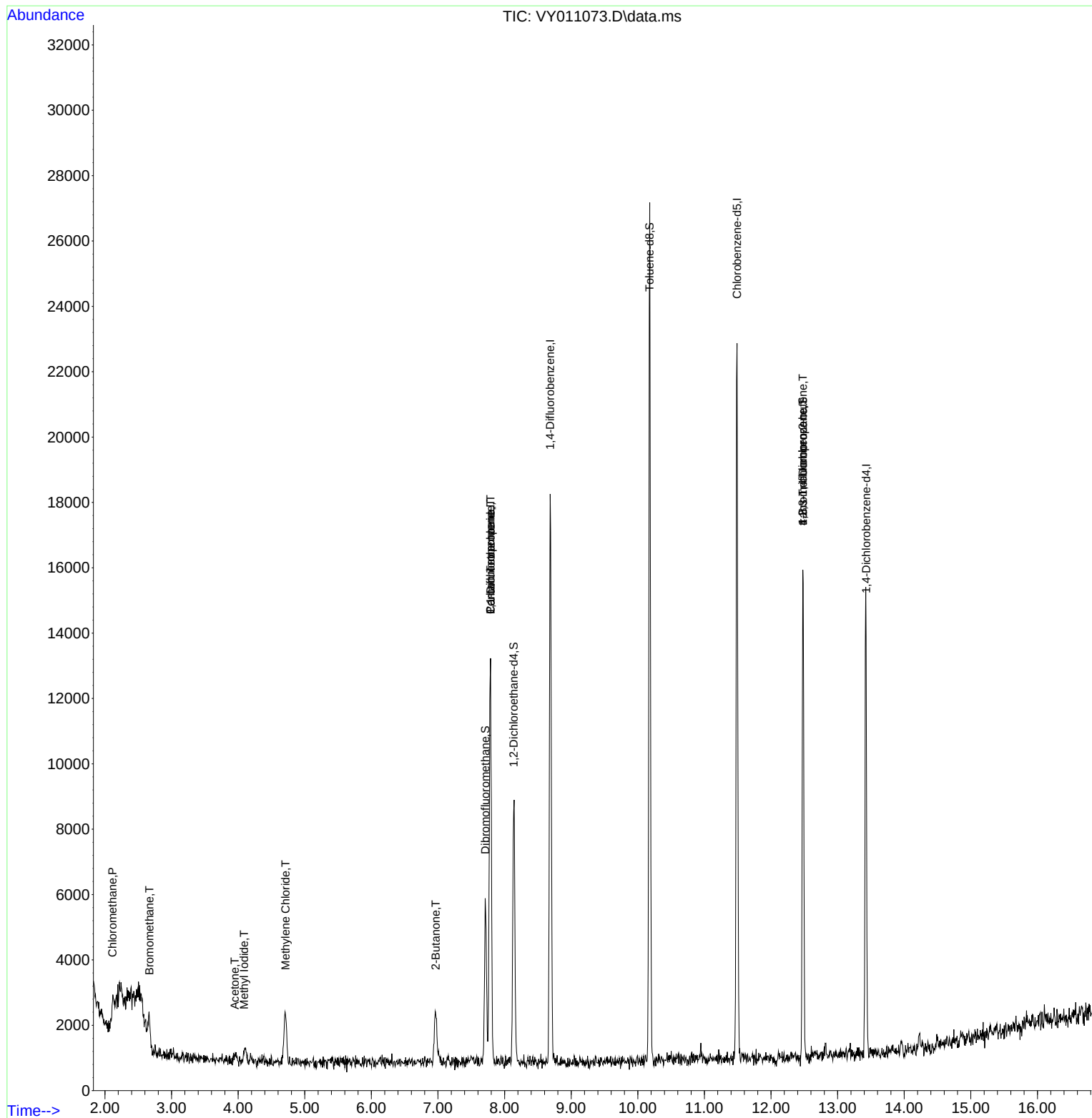
Internal Standards						
1) Pentafluorobenzene	7.789	168	10277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	13336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6453	68.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.340%	
35) Dibromofluoromethane	7.710	113	3532	39.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.840%	
50) Toluene-d8	10.179	98	17616	53.095	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.477	95	4909	41.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	242	2.474	ug/l #	44
5) Bromomethane	2.668	94	420	5.478	ug/l #	78
10) Methyl Iodide	4.088	142	398	3.196	ug/l #	60
16) Acetone	3.948	43	480	17.460	ug/l #	47
18) Methyl Acetate	4.192	43	19	Below Cal	#	56
20) Methylene Chloride	4.710	84	1135	3.613	ug/l #	95
25) 2-Butanone	6.966	43	49	1.175	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	758	5.124	ug/l #	45
38) Carbon Tetrachloride	7.789	117	1026	6.719	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	2447	51.184	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2447	110.081	ug/l #	7

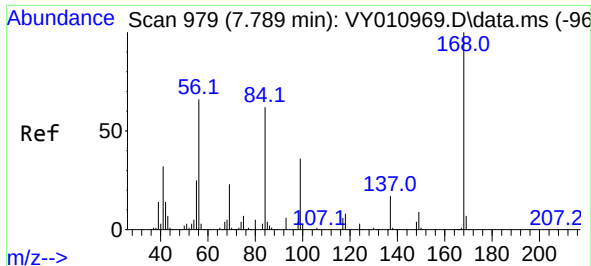
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
Data File : VY011073.D
Acq On : 24 Oct 2022 16:44
Operator : KP/MD
Sample : N5253-03
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
124055

Quant Time: Oct 25 05:47:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

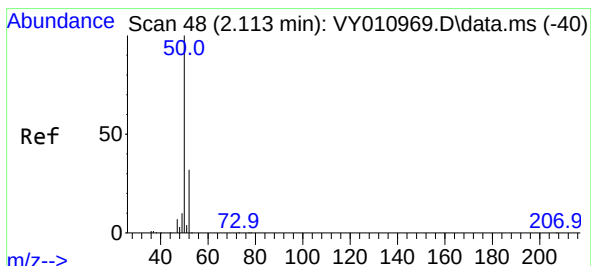
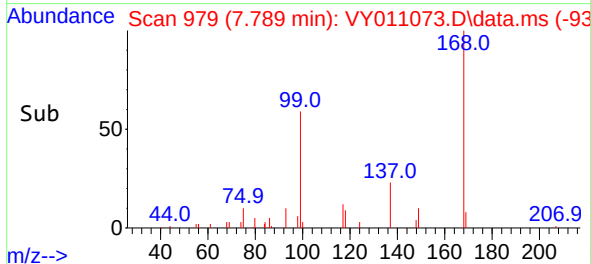
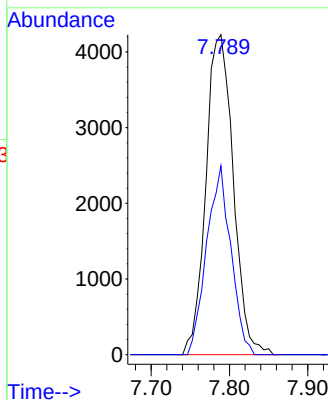
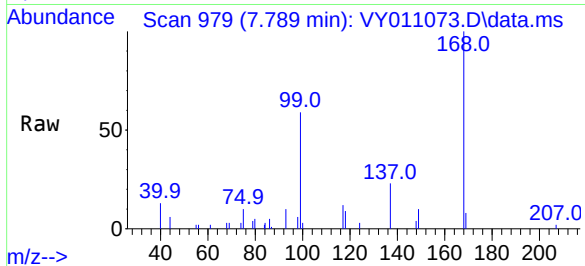




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

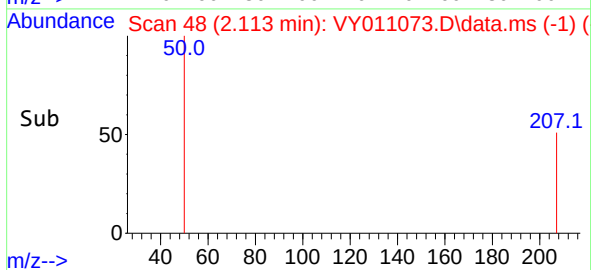
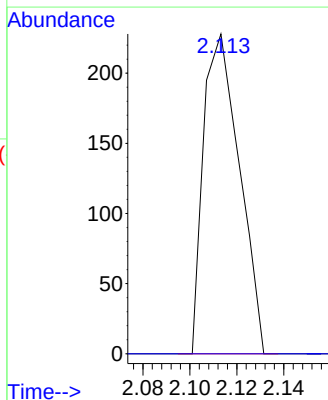
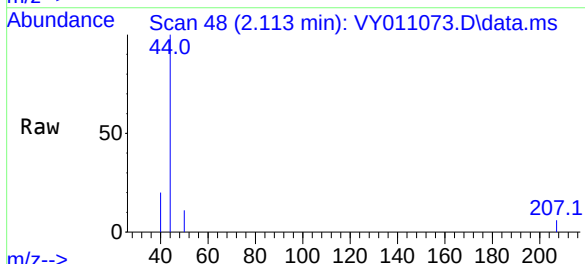
Instrument :
MSVOA_Y
ClientSampleId :
124055

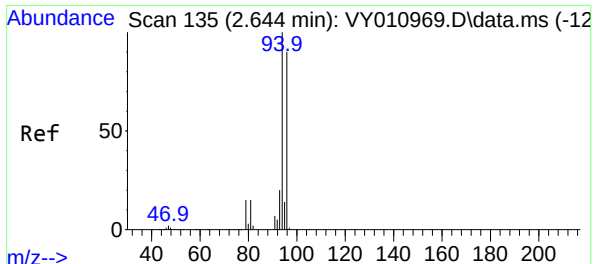
Tgt Ion:168 Resp: 10277
Ion Ratio Lower Upper
168 100
99 59.0 46.9 70.3



#3
Chloromethane
Concen: 2.474 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

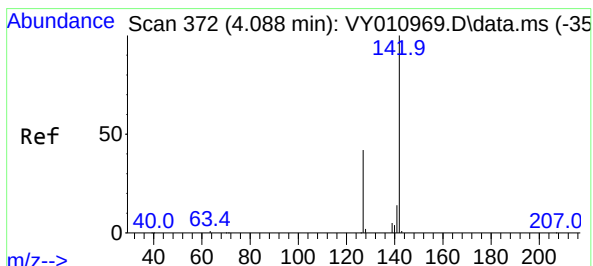
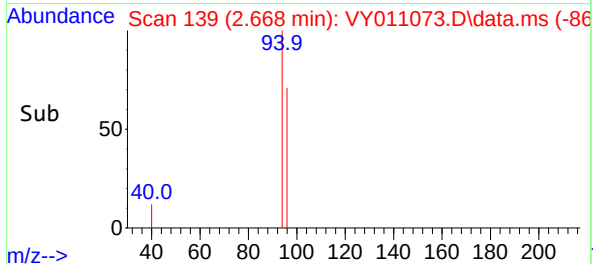
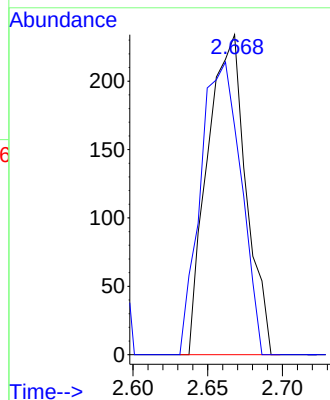
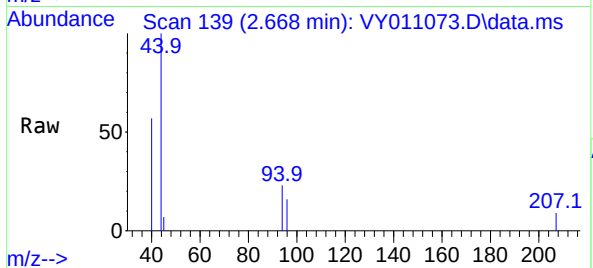




#5
Bromomethane
Concen: 5.478 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

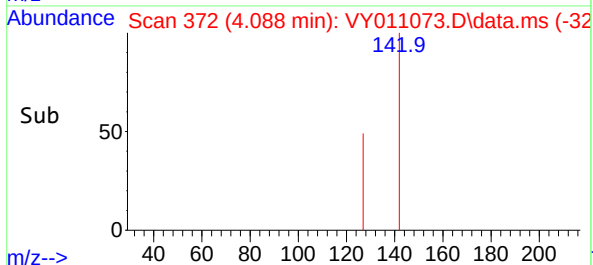
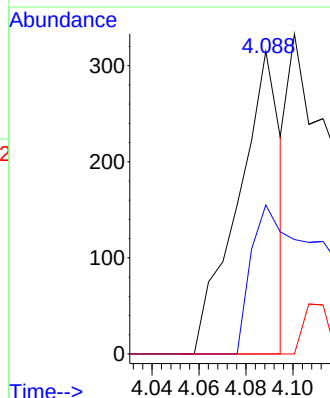
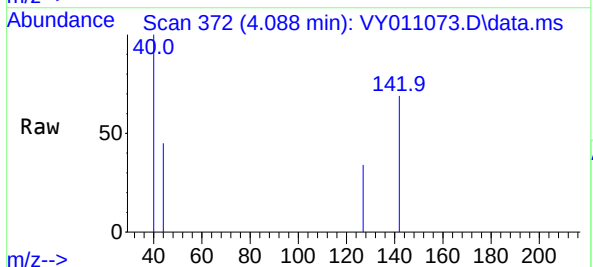
Instrument :
MSVOA_Y
ClientSampleId :
124055

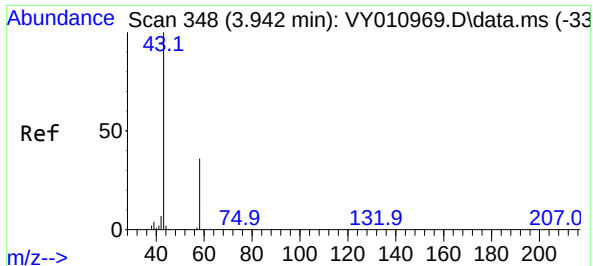
Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 71.4 73.5 110.3#



#10
Methyl Iodide
Concen: 3.196 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 142 Resp: 398
Ion Ratio Lower Upper
142 100
127 85.7 41.5 62.3#
141 9.5 11.9 17.9#

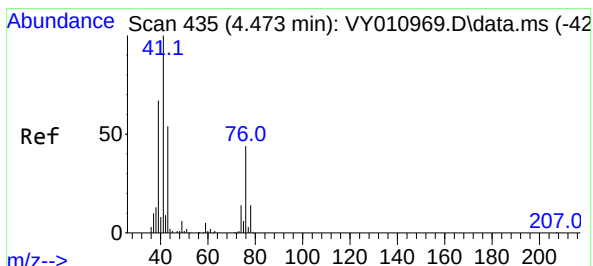
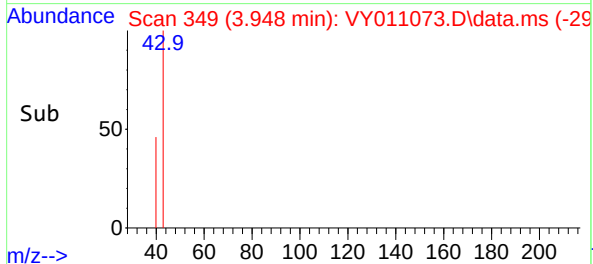
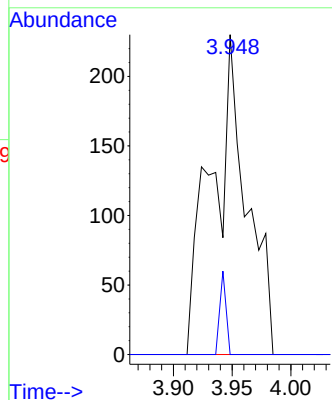
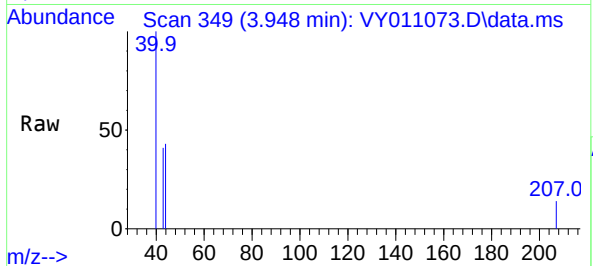




#16
Acetone
Concen: 17.460 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

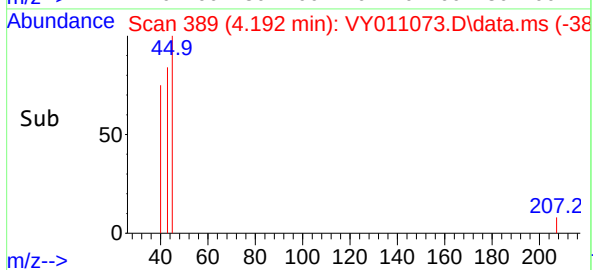
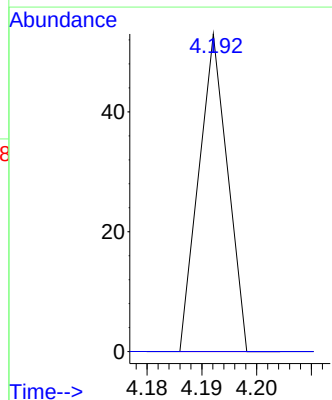
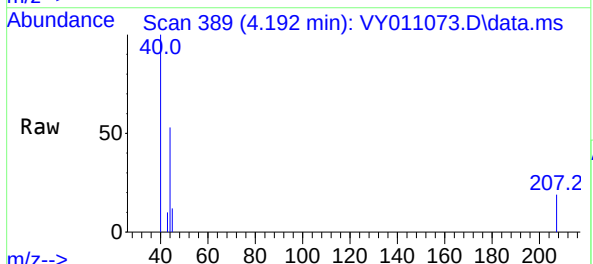
Instrument :
MSVOA_Y
ClientSampleId :
124055

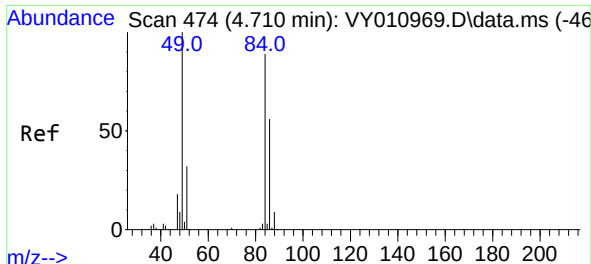
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. -0.281 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



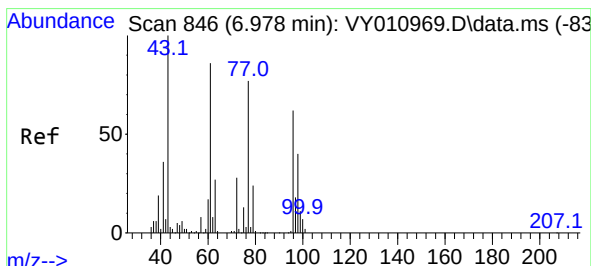
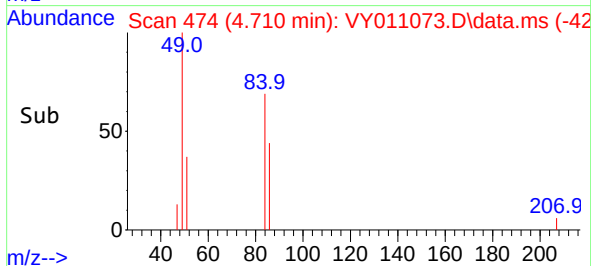
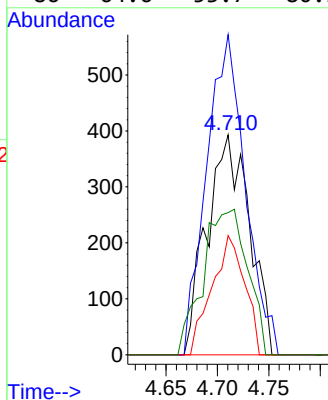
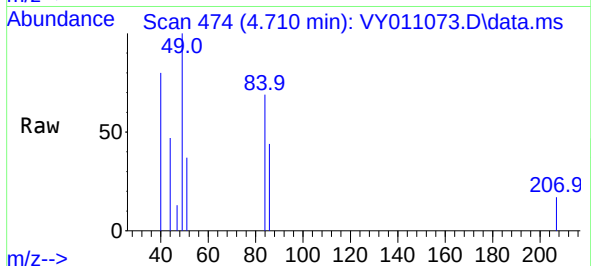


#20
Methylene Chloride
Concen: 3.613 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Instrument :
MSVOA_Y
ClientSampleId :
124055

Tgt Ion: 84 Resp: 1135

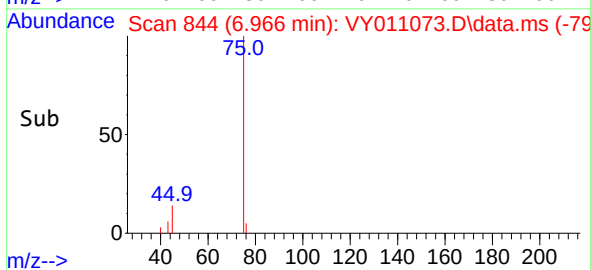
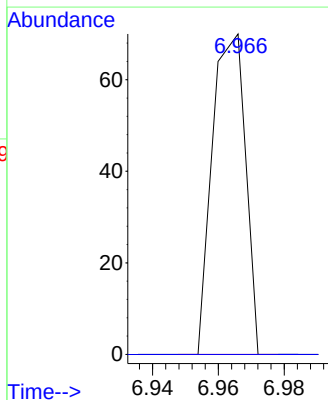
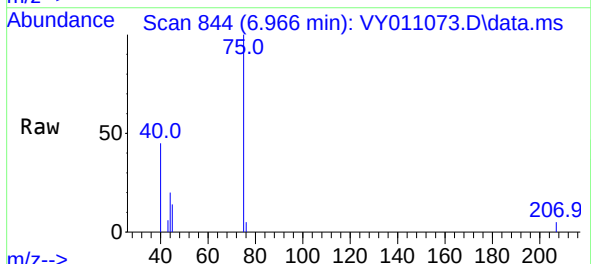
Ion	Ratio	Lower	Upper
84	100		
49	145.5	114.4	171.6
51	54.2	35.3	52.9#
86	64.6	53.7	80.5

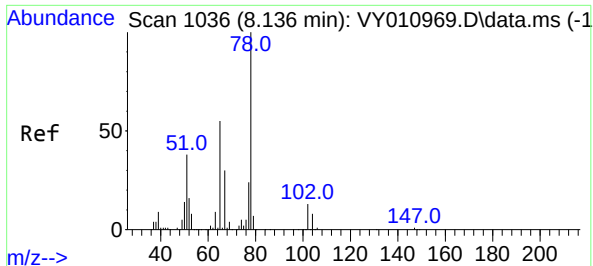


#25
2-Butanone
Concen: 1.175 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 43 Resp: 49

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#33

1,2-Dichloroethane-d4

Concen: 68.166 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011073.D

Acq: 24 Oct 2022 16:44

Instrument :

MSVOA_Y

ClientSampleId :

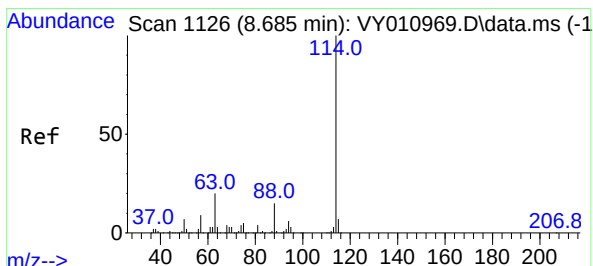
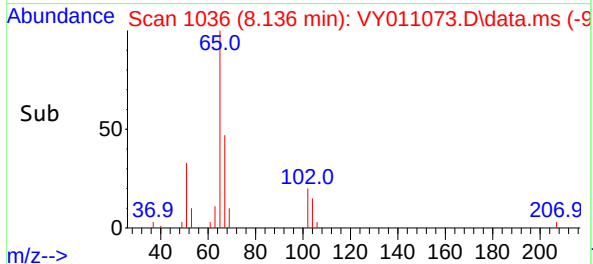
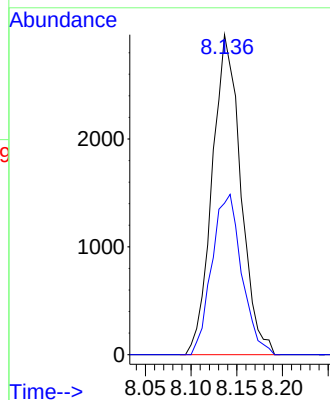
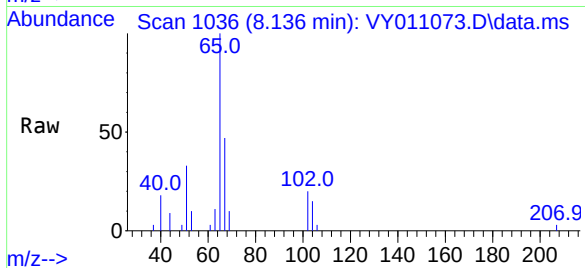
124055

Tgt Ion: 65 Resp: 6453

Ion Ratio Lower Upper

65 100

67 52.3 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: VY011073.D

Acq: 24 Oct 2022 16:44

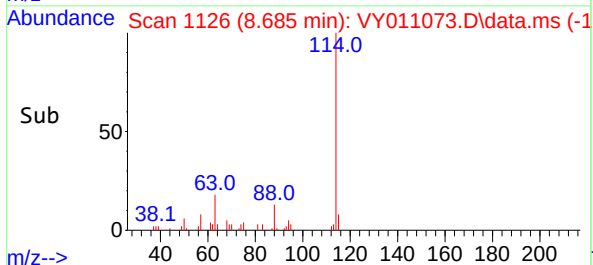
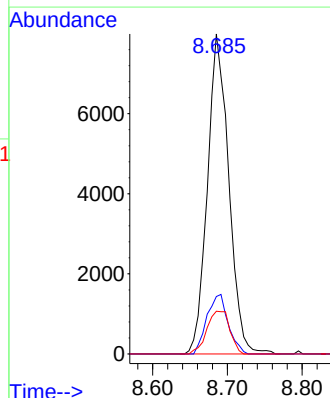
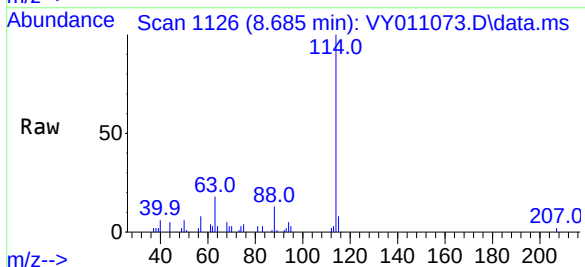
Tgt Ion: 114 Resp: 15890

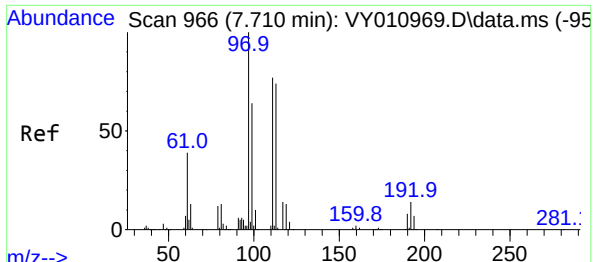
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 39.420 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011073.D

Acq: 24 Oct 2022 16:44

Instrument :

MSVOA_Y

ClientSampleId :

124055

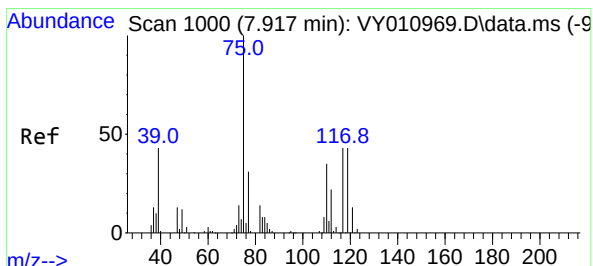
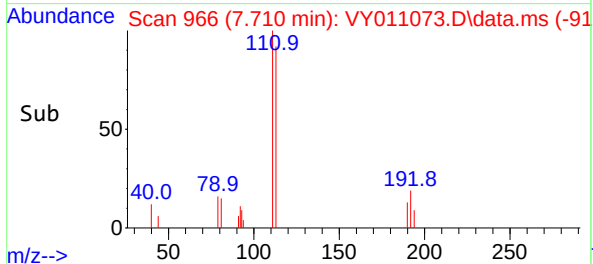
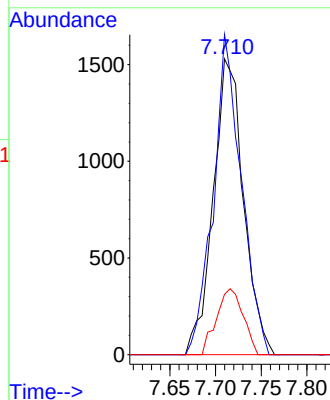
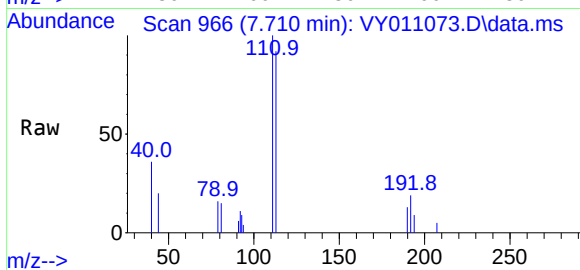
Tgt Ion:113 Resp: 3532

Ion Ratio Lower Upper

113 100

111 99.8 82.6 124.0

192 19.5 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.124 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY011073.D

Acq: 24 Oct 2022 16:44

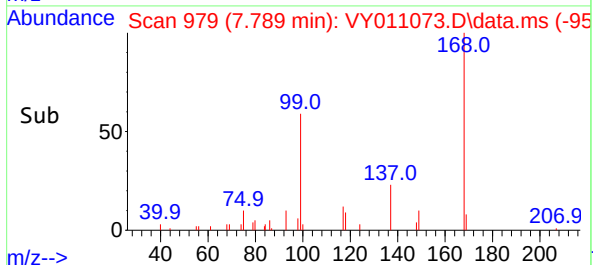
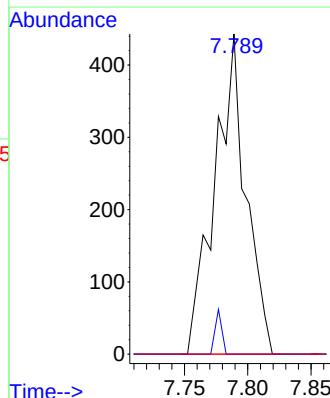
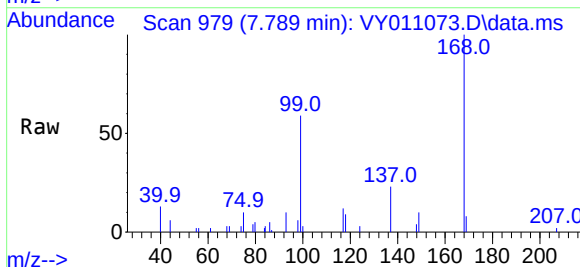
Tgt Ion: 75 Resp: 758

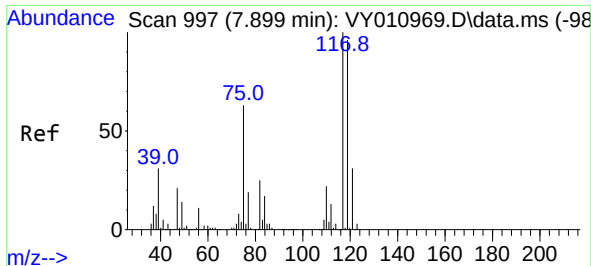
Ion Ratio Lower Upper

75 100

110 3.0 17.1 51.2#

77 0.0 24.4 36.6#

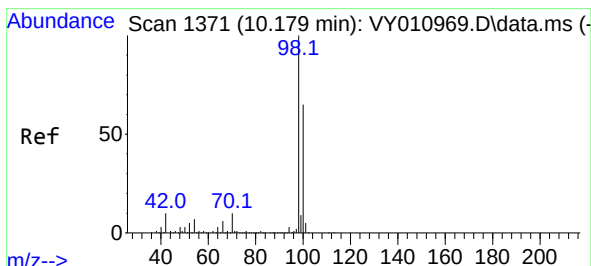
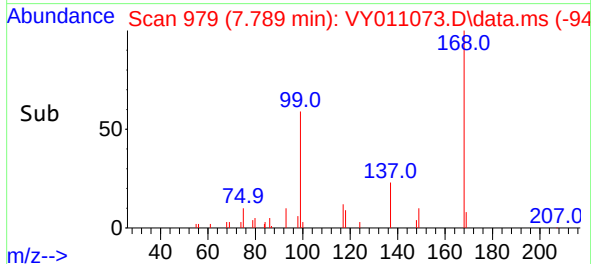
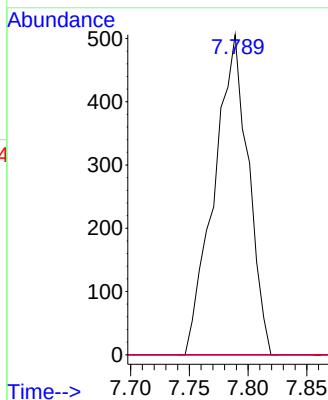
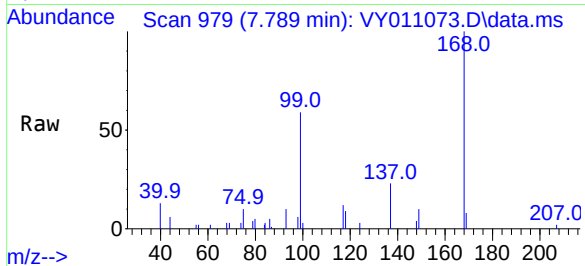




#38
Carbon Tetrachloride
Concen: 6.719 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

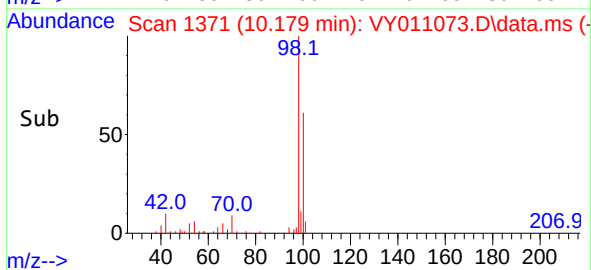
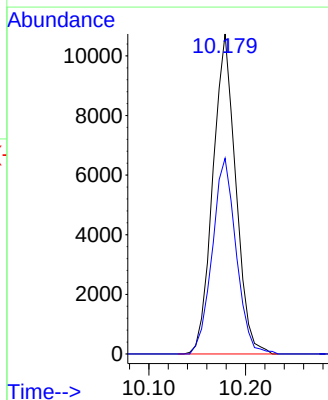
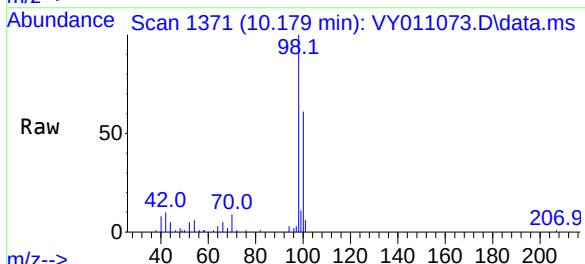
Instrument :
MSVOA_Y
ClientSampleId :
124055

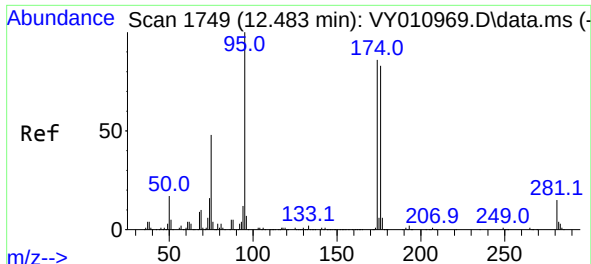
Tgt Ion:117 Resp: 1026
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.095 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion: 98 Resp: 17616
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

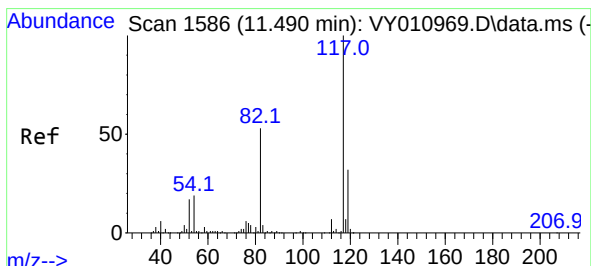
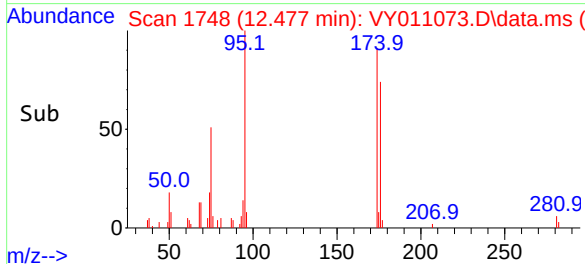
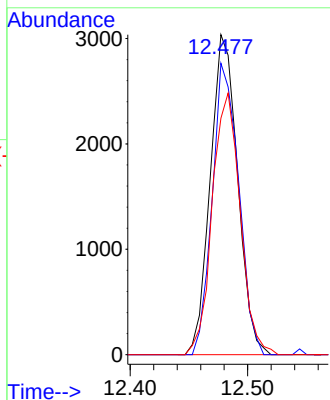
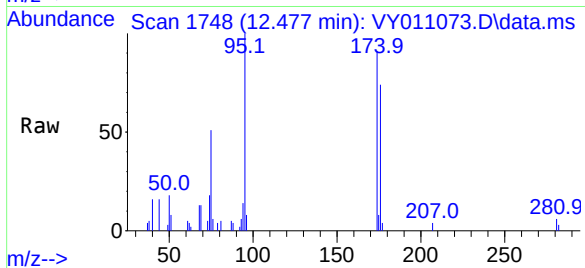




#62
4-Bromofluorobenzene
Concen: 41.230 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

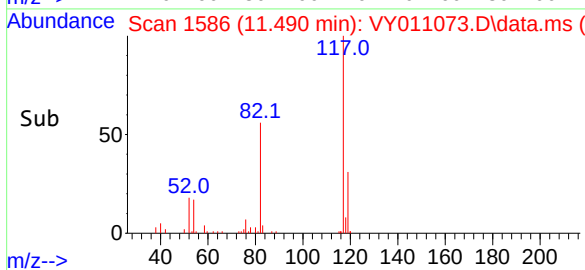
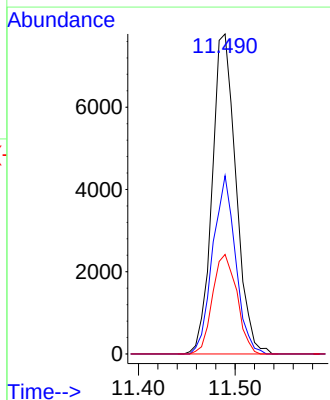
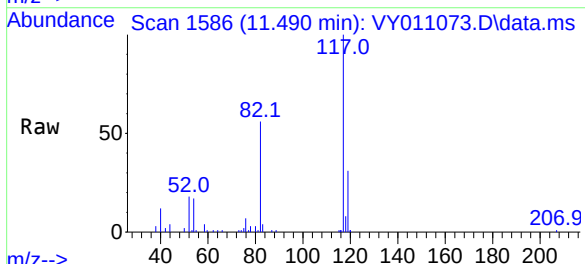
Instrument :
MSVOA_Y
ClientSampleId :
124055

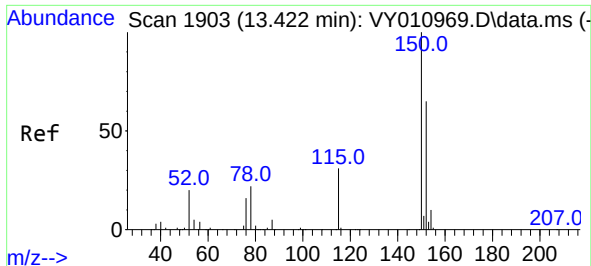
Tgt Ion:	95	Resp:	4909
Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	177.0
176	83.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Tgt Ion:	117	Resp:	13336
Ion	Ratio	Lower	Upper
117	100		
82	55.7	43.0	64.4
119	31.1	25.4	38.0

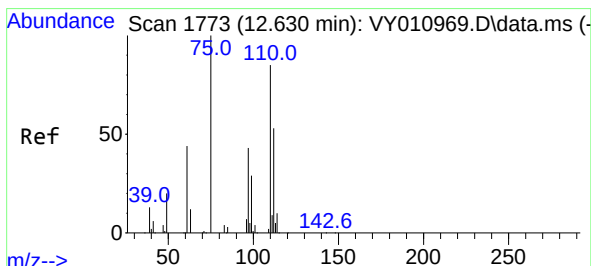
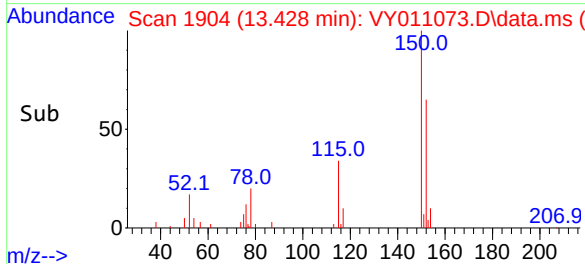
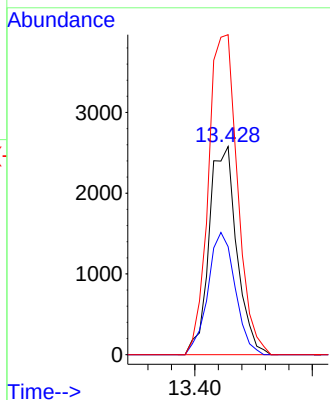
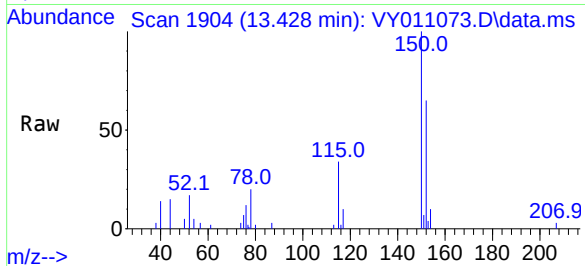




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

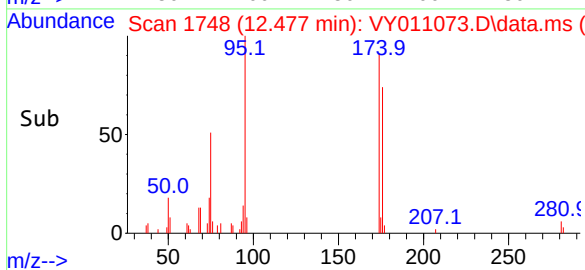
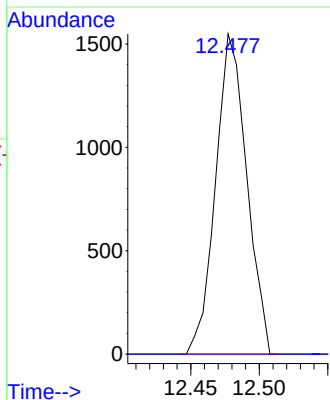
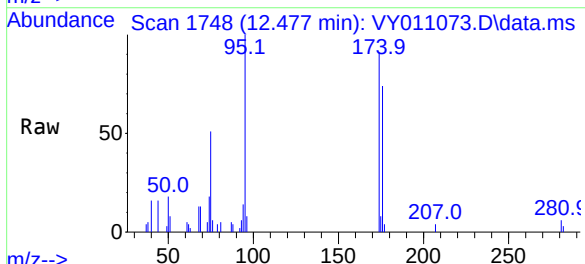
Instrument :
MSVOA_Y
ClientSampleId :
124055

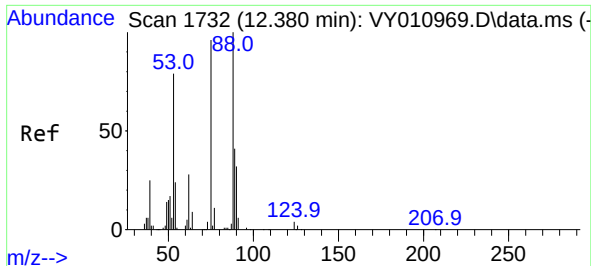
Tgt Ion:152 Resp: 4211
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 161.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.184 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

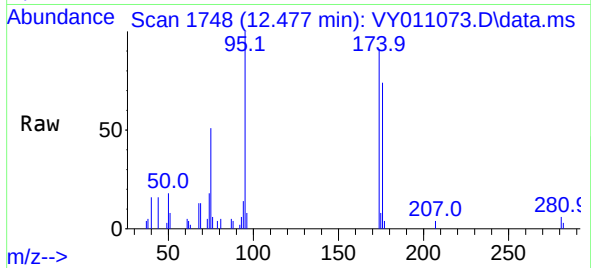
Tgt Ion: 75 Resp: 2447
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 110.081 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011073.D
Acq: 24 Oct 2022 16:44

Instrument :
MSVOA_Y
ClientSampleId :
124055



Tgt Ion: 75 Resp: 2447
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

