

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010751.D
 Acq On : 30 Sep 2022 15:53
 Operator : KP/MD
 Sample : N4909-02
 Misc : 7.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

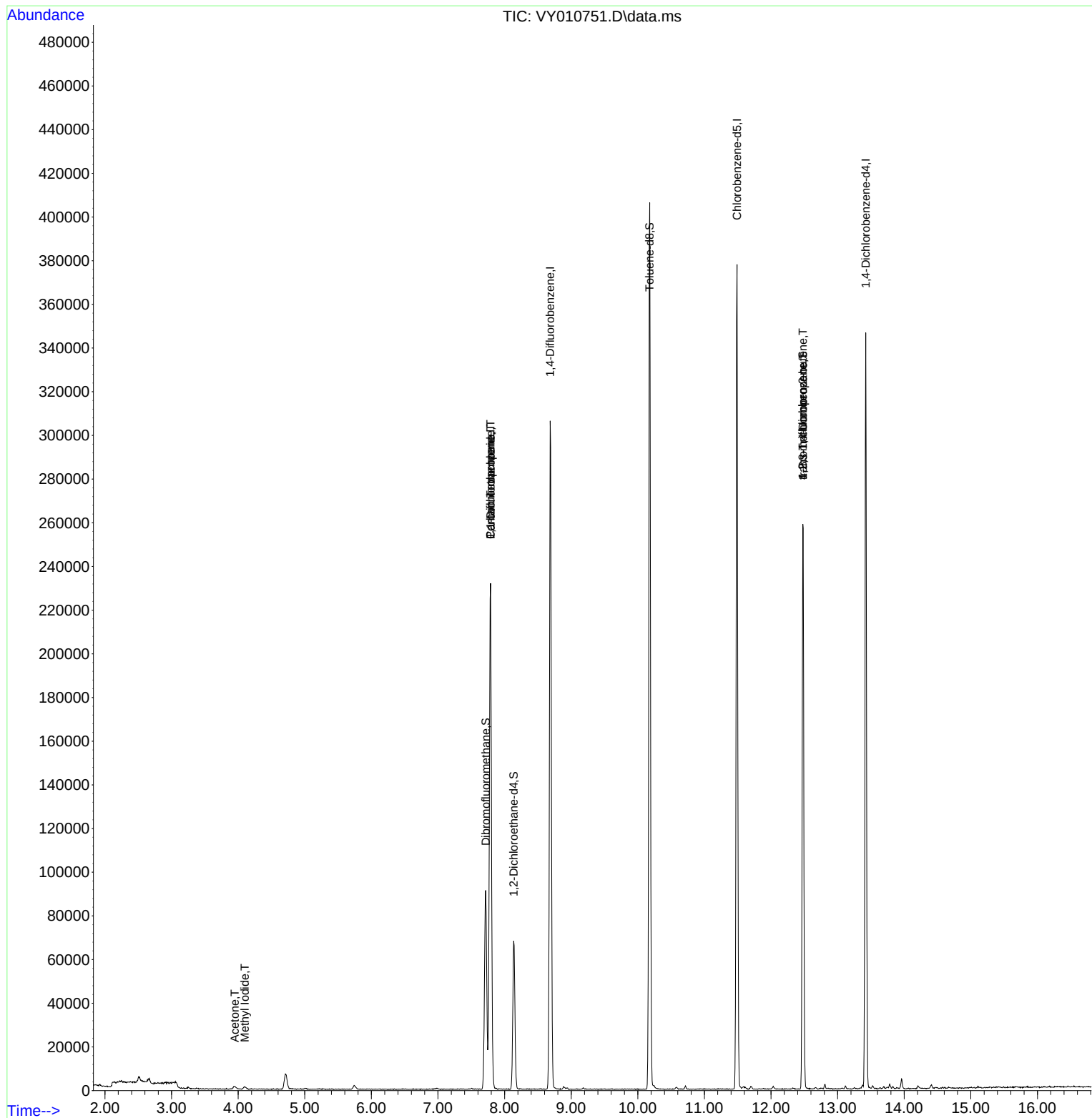
Internal Standards						
1) Pentafluorobenzene	7.789	168	179029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53282	31.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.240%
35) Dibromofluoromethane	7.716	113	64686	38.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.300%
50) Toluene-d8	10.179	98	270436	44.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.220%
62) 4-Bromofluorobenzene	12.477	95	79365	33.688	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	122	Below Cal	#	43
3) Chloromethane	2.113	50	599	Below Cal		95
4) Vinyl Chloride	2.247	62	39	Below Cal	#	43
5) Bromomethane	2.668	94	886	Below Cal		88
10) Methyl Iodide	4.100	142	1796	1.098 ug/l	#	84
16) Acetone	3.948	43	2640	7.560 ug/l		94
17) Carbon Disulfide	4.198	76	142	Below Cal	#	75
20) Methylene Chloride	4.716	84	5362	Below Cal	#	89
31) Cyclohexane	7.789	56	3747	Below Cal	#	11
36) 1,1-Dichloropropene	7.789	75	13365	7.166 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	17319	8.076 ug/l	#	16
76) 1,2,3-Trichloropropane	12.477	75	40948	48.540 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40948	107.927 ug/l	#	7

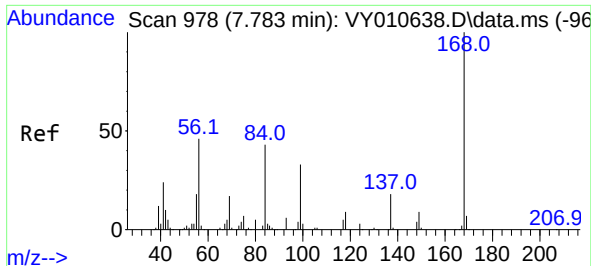
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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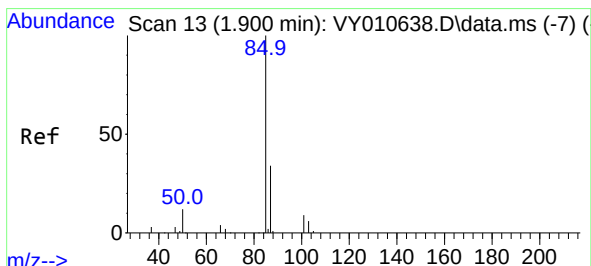
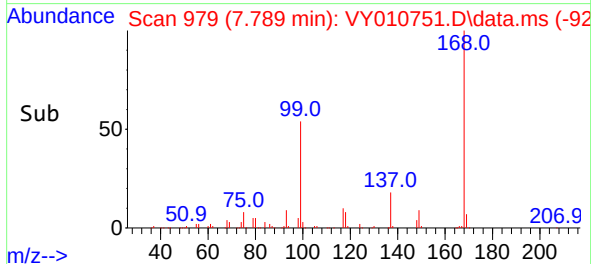
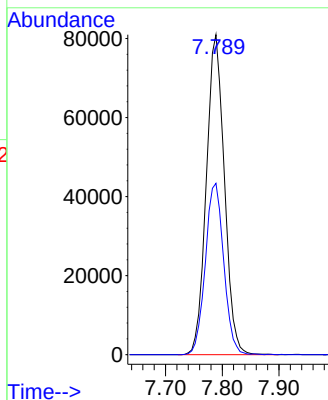
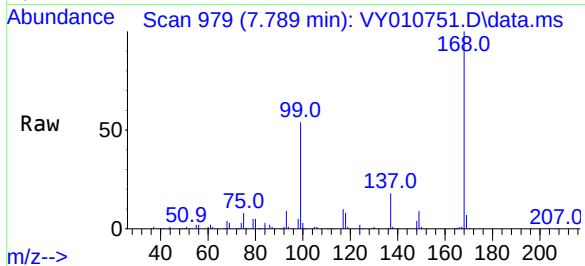




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

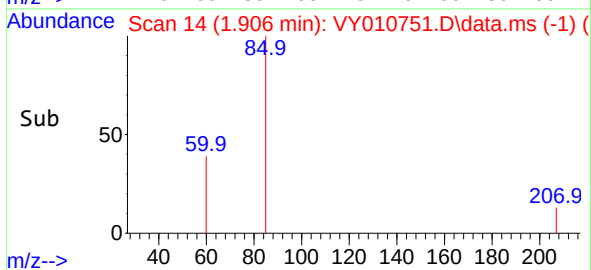
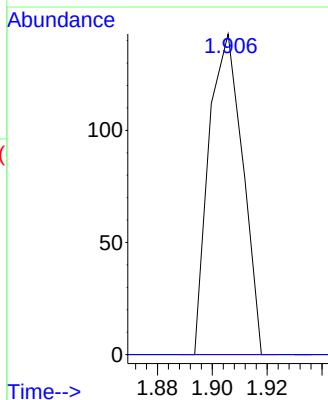
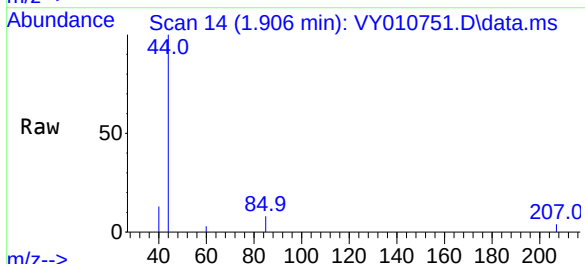
Instrument :
MSVOA_Y
ClientSampleId :

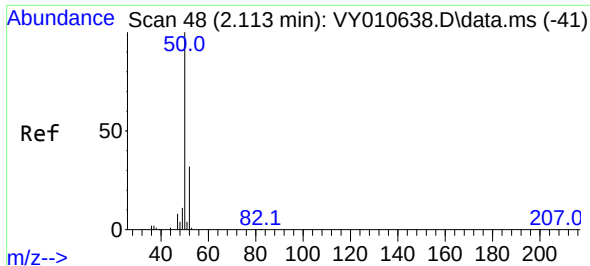
Tgt Ion:168 Resp: 179029
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

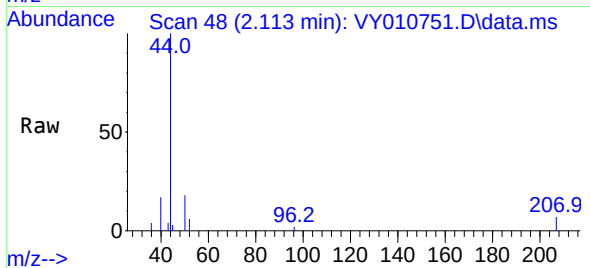
Tgt Ion: 85 Resp: 122
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



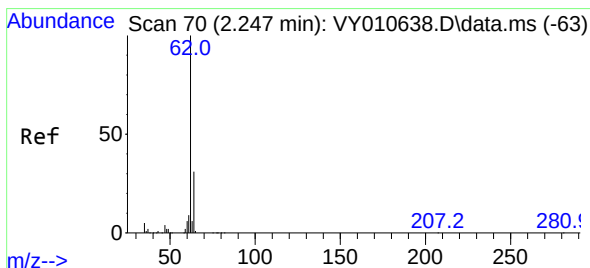
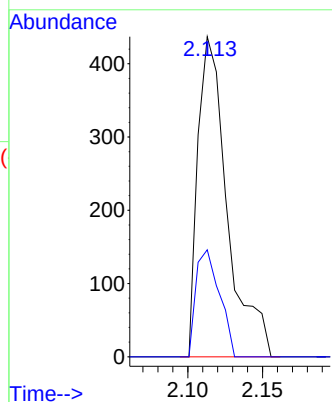
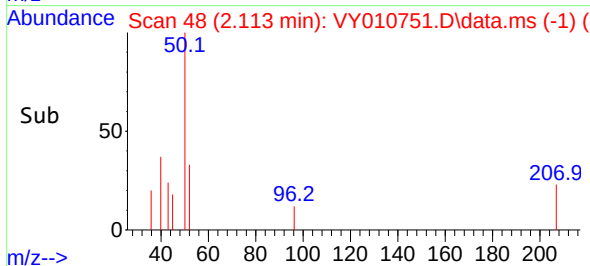


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

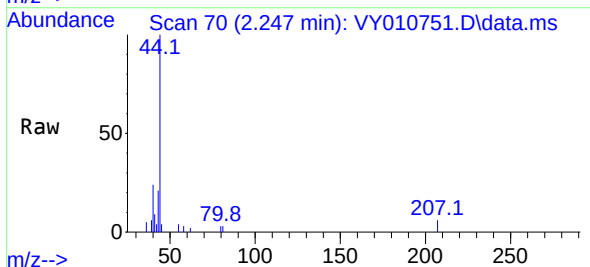
Instrument :
MSVOA_Y
ClientSampleId :



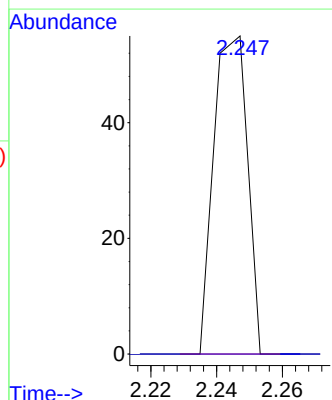
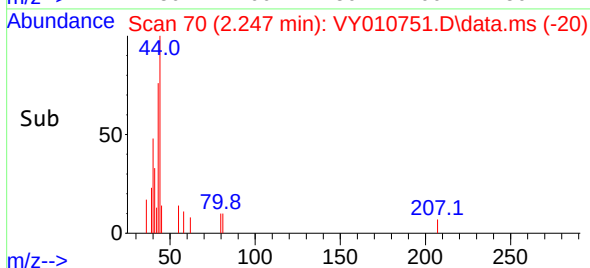
Tgt Ion: 50 Resp: 599
Ion Ratio Lower Upper
50 100
52 33.4 24.6 37.0

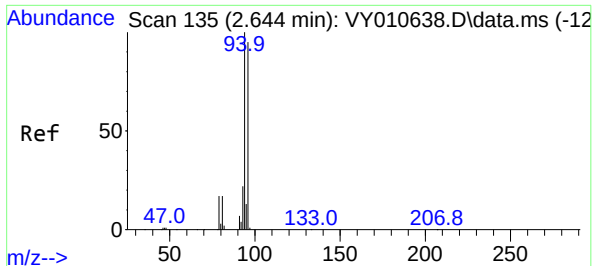


#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53



Tgt Ion: 62 Resp: 39
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6

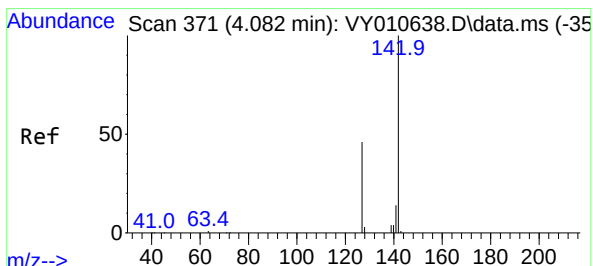
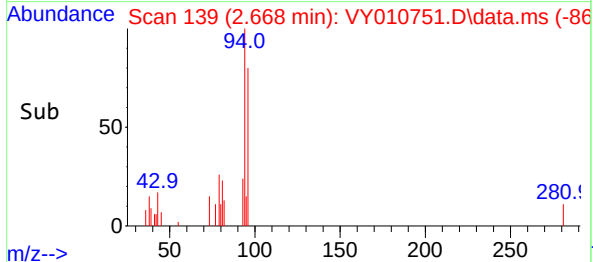
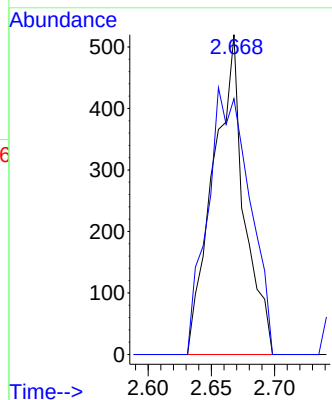
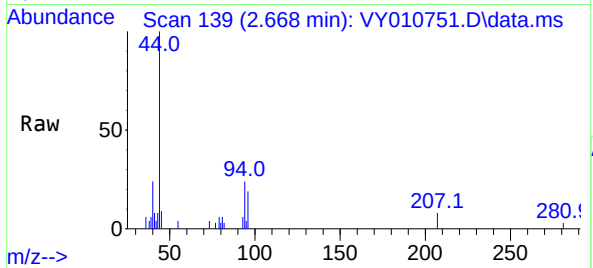




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

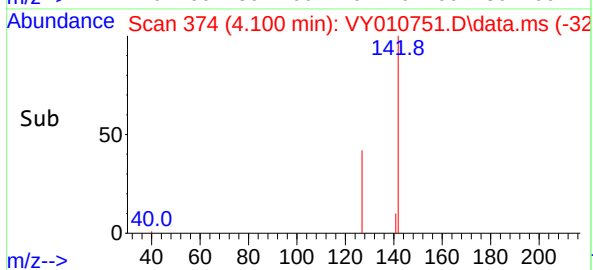
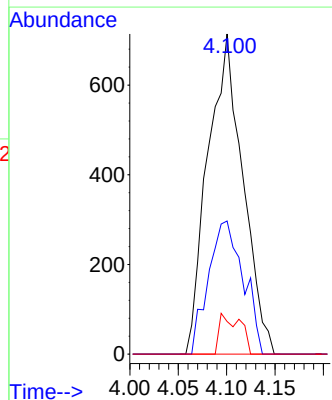
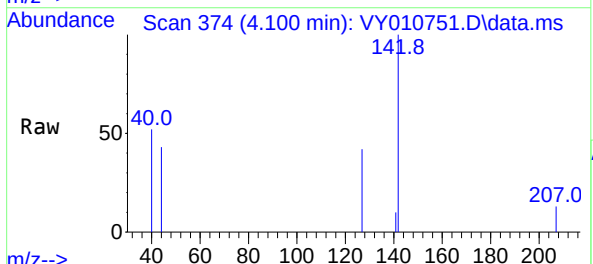
Instrument :
MSVOA_Y
ClientSampleId :

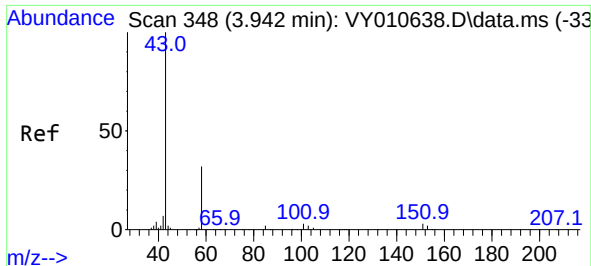
Tgt Ion: 94 Resp: 886
Ion Ratio Lower Upper
94 100
96 80.0 73.5 110.3



#10
Methyl Iodide
Concen: 1.098 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Tgt Ion: 142 Resp: 1796
Ion Ratio Lower Upper
142 100
127 41.4 41.5 62.3#
141 7.5 11.9 17.9#

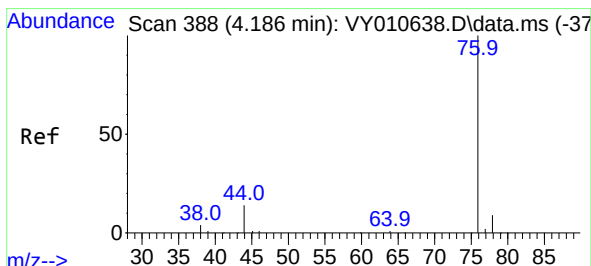
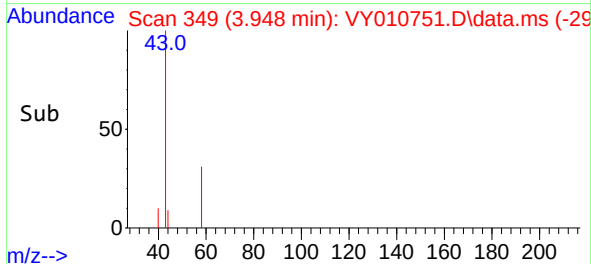
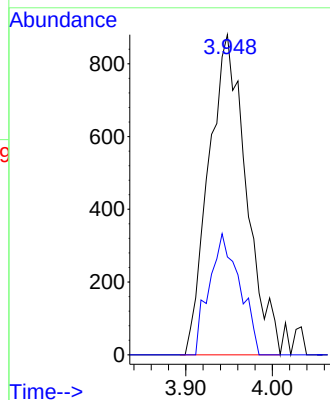
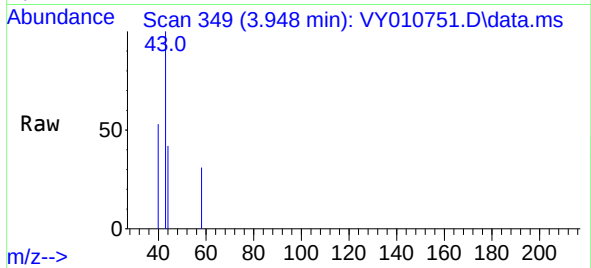




#16
Acetone
Concen: 7.560 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

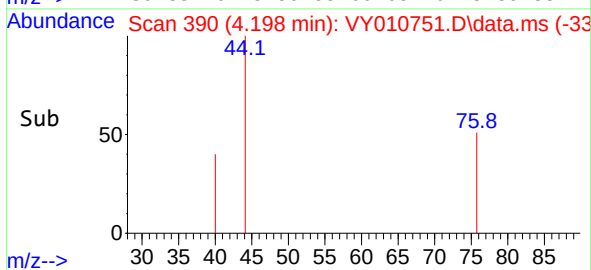
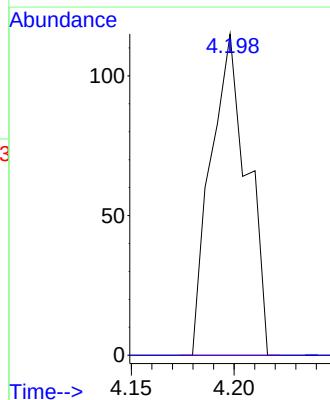
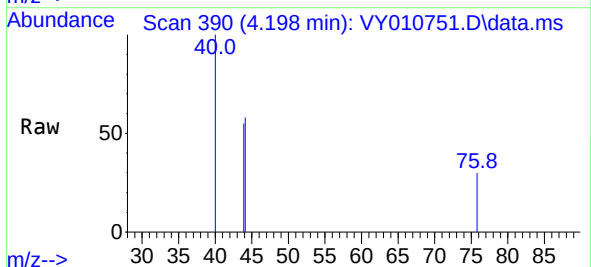
Instrument :
MSVOA_Y
ClientSampleId :

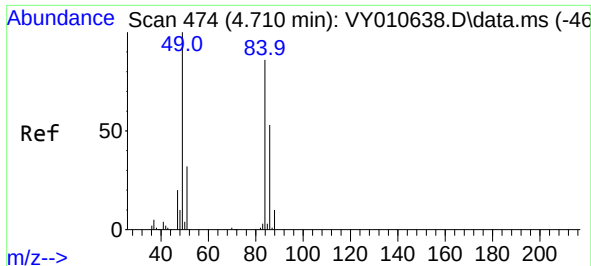
Tgt Ion: 43 Resp: 2640
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.018 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

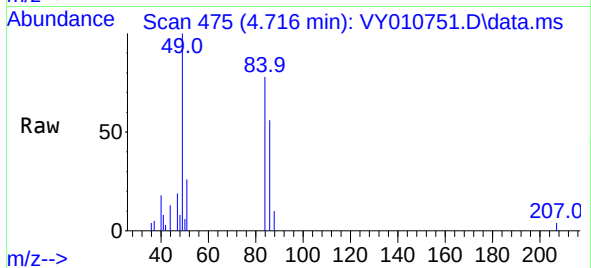
Tgt Ion: 76 Resp: 142
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





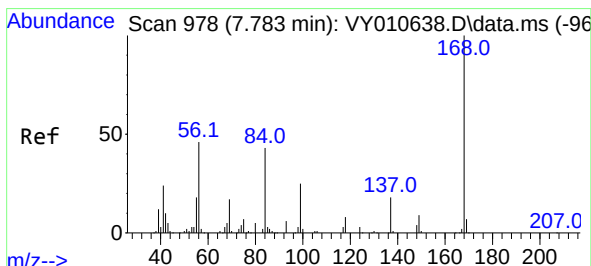
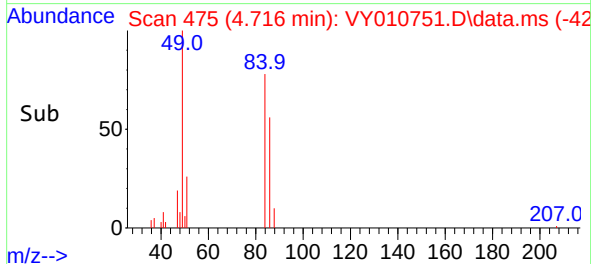
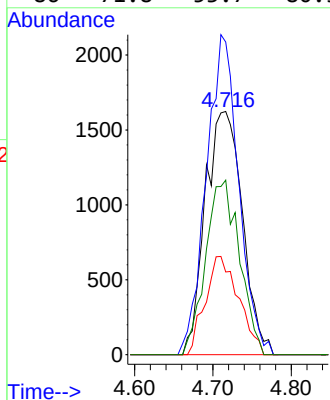
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5362

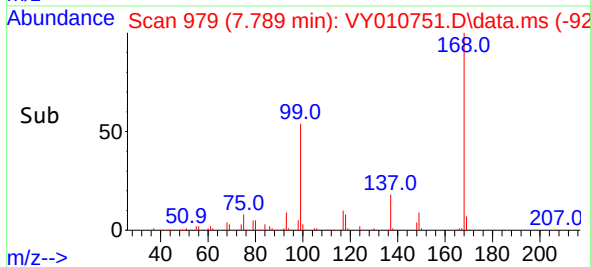
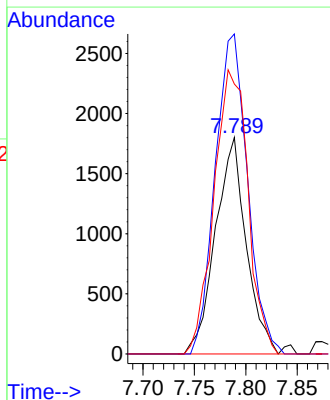
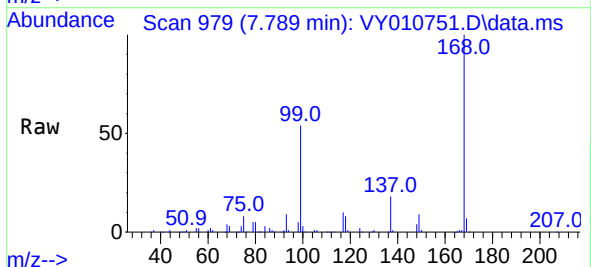
Ion	Ratio	Lower	Upper
84	100		
49	128.6	114.4	171.6
51	34.0	35.3	52.9#
86	71.8	53.7	80.5

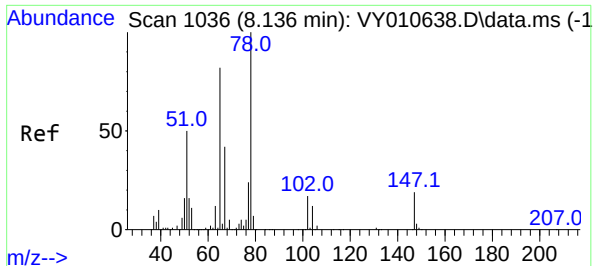


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Tgt Ion: 56 Resp: 3747

Ion	Ratio	Lower	Upper
56	100		
69	147.8	26.7	40.1#
84	124.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 31.116 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010751.D

Acq: 30 Sep 2022 15:53

Instrument :

MSVOA_Y

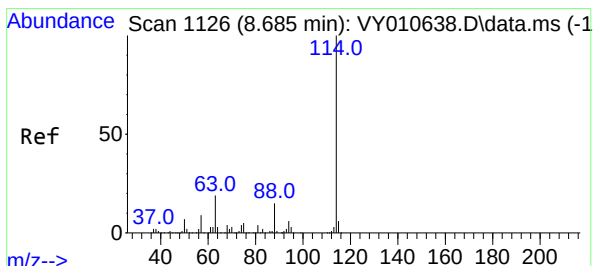
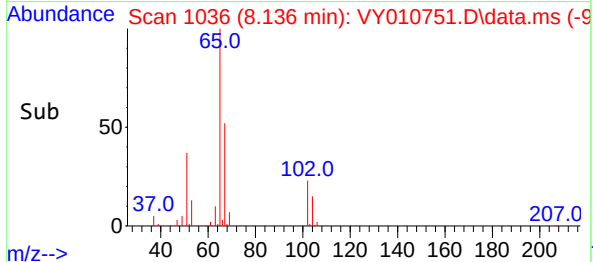
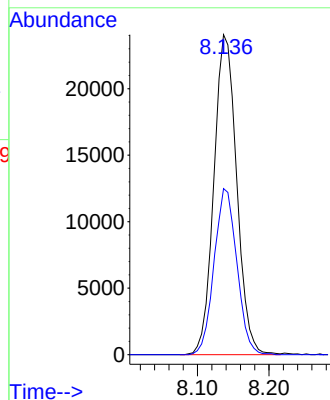
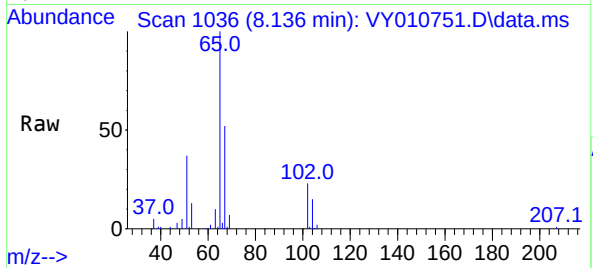
ClientSampleId :

Tgt Ion: 65 Resp: 53282

Ion Ratio Lower Upper

65 100

67 51.7 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: VY010751.D

Acq: 30 Sep 2022 15:53

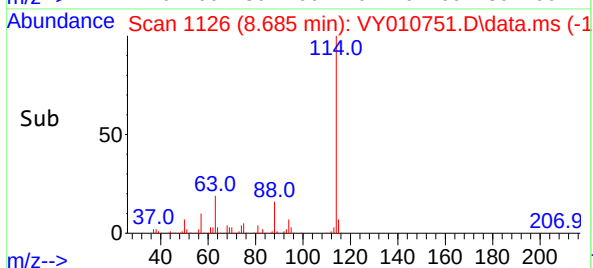
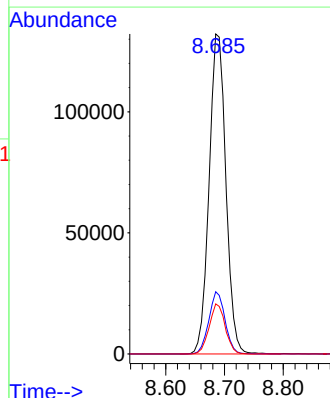
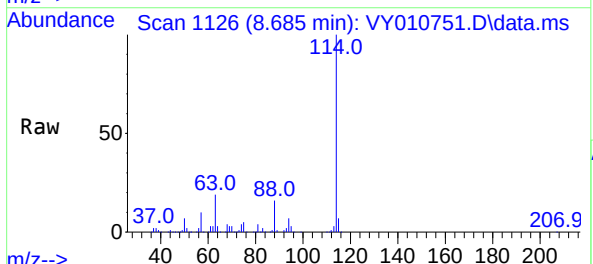
Tgt Ion: 114 Resp: 262271

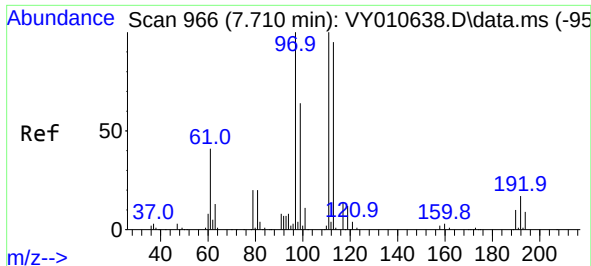
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.6 0.0 31.8

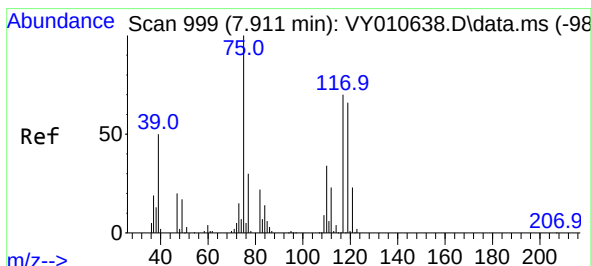
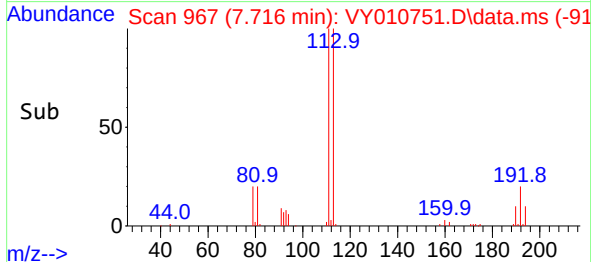
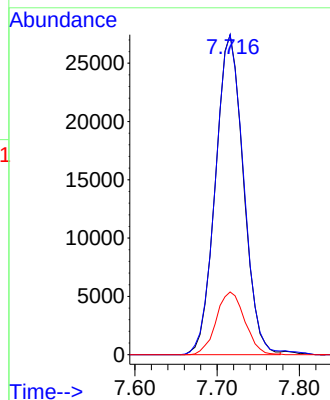
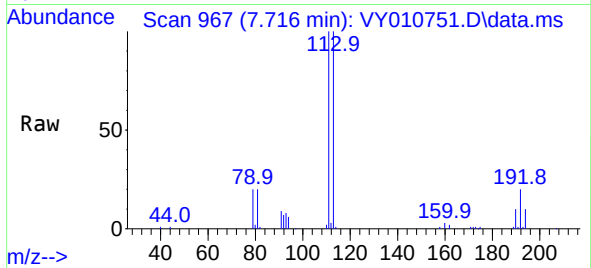




#35
Dibromofluoromethane
Concen: 38.646 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

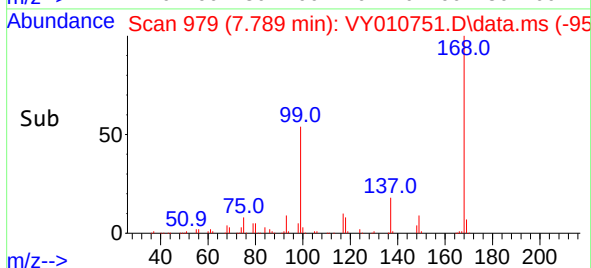
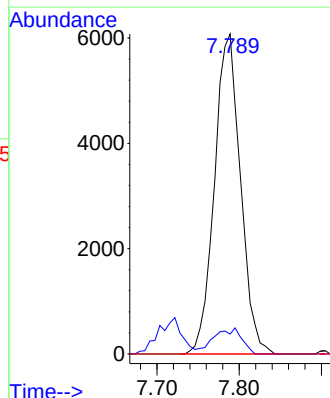
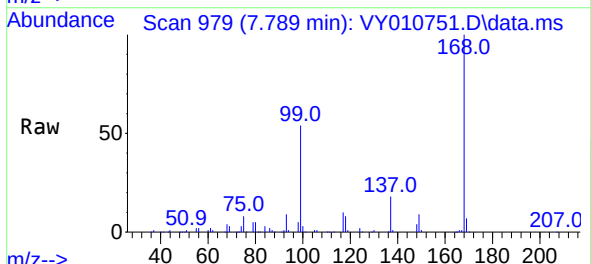
Instrument :
MSVOA_Y
ClientSampleId :

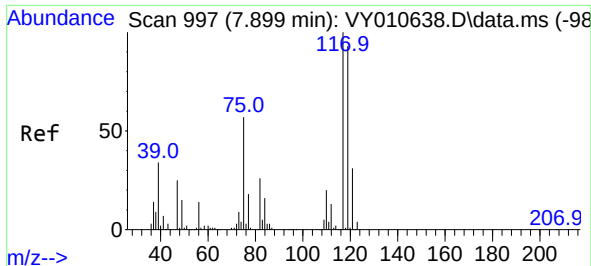
Tgt Ion:113 Resp: 64686
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 7.166 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

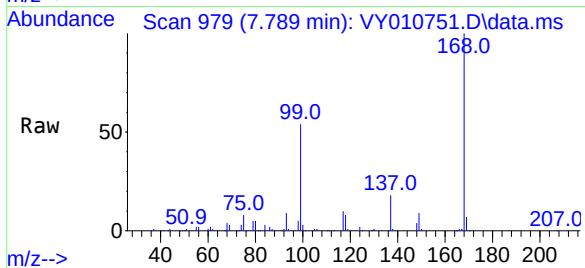
Tgt Ion: 75 Resp: 13365
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



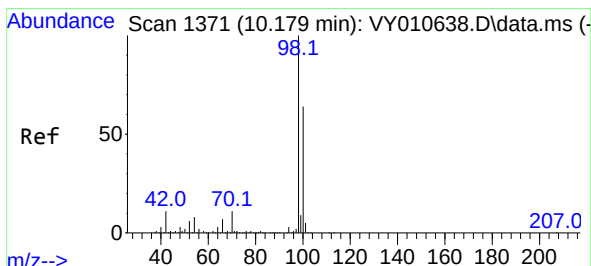
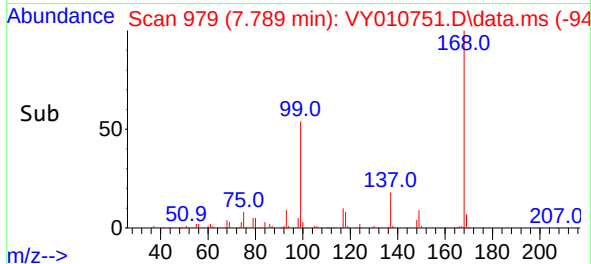
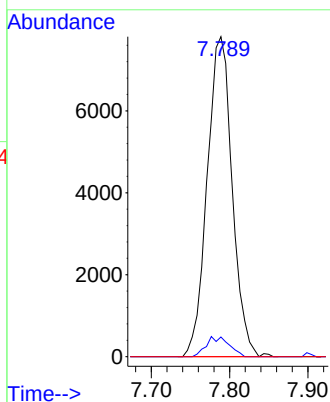


#38
Carbon Tetrachloride
Concen: 8.076 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :

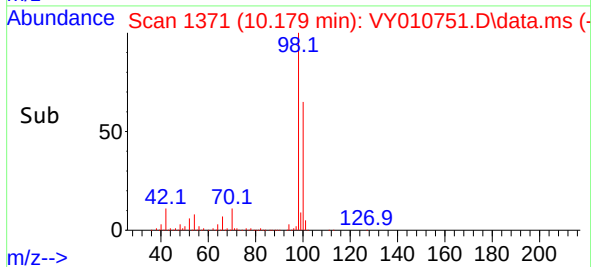
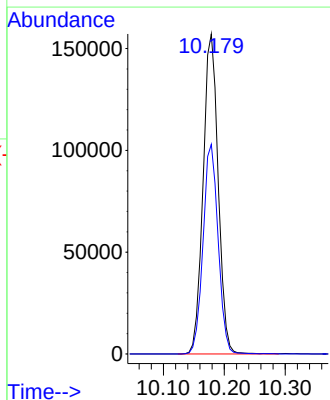
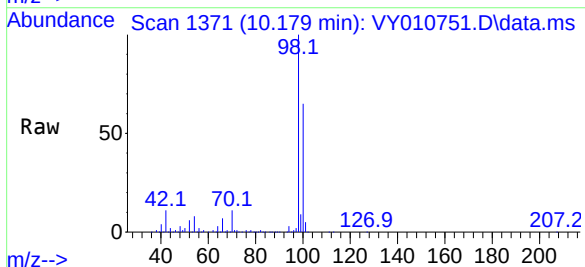


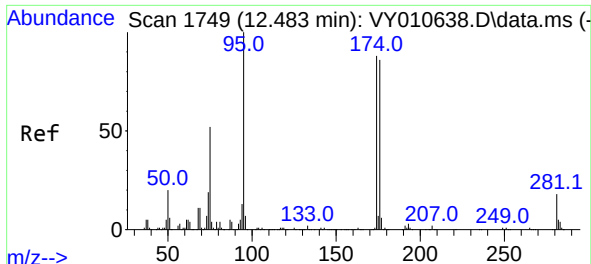
Tgt Ion:117 Resp: 17319
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.109 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Tgt Ion: 98 Resp: 270436
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

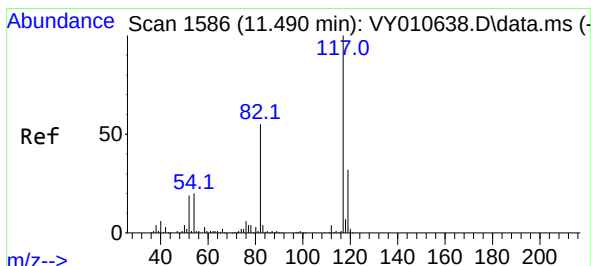
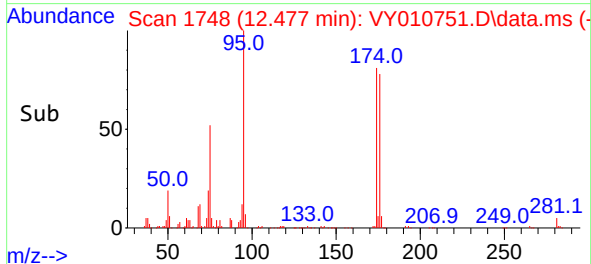
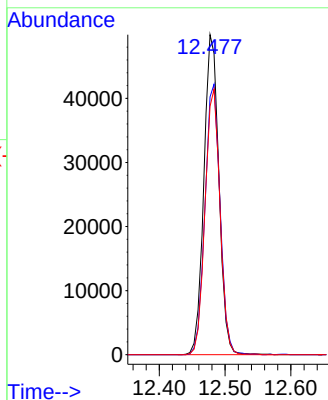
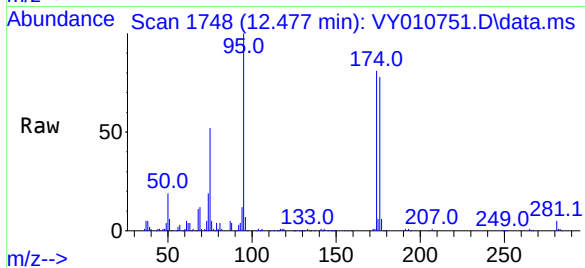




#62
4-Bromofluorobenzene
Concen: 33.688 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

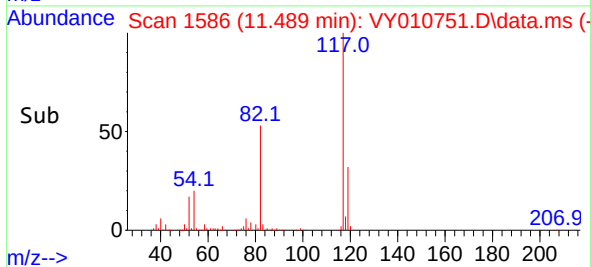
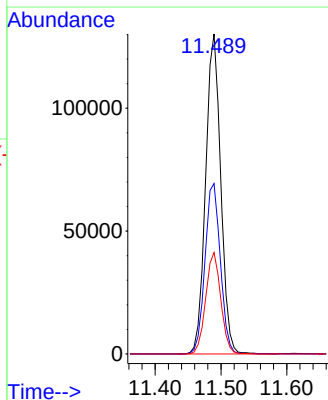
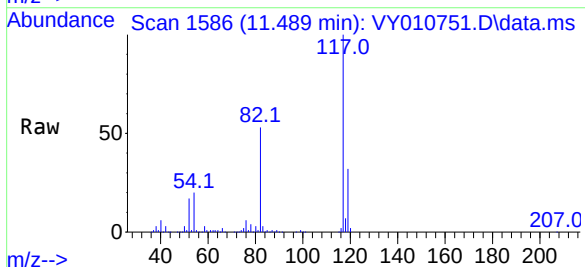
Instrument :
MSVOA_Y
ClientSampleId :

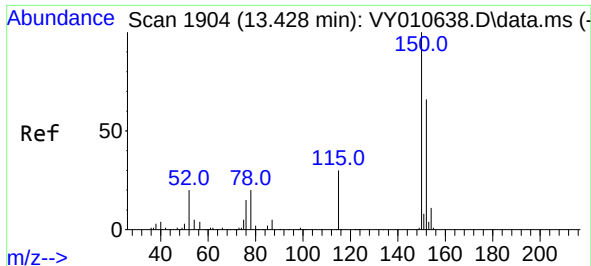
Tgt Ion: 95 Resp: 79365
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

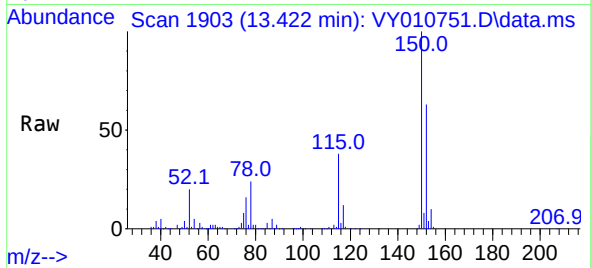
Tgt Ion: 117 Resp: 208330
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.7 25.4 38.0



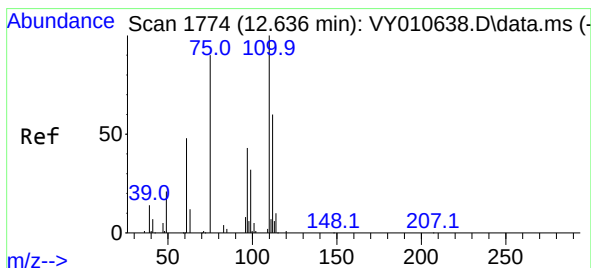
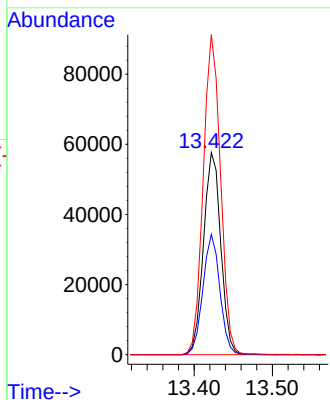
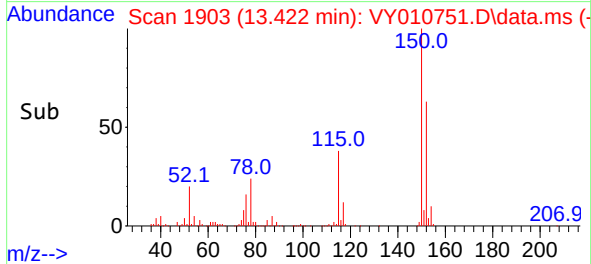


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :

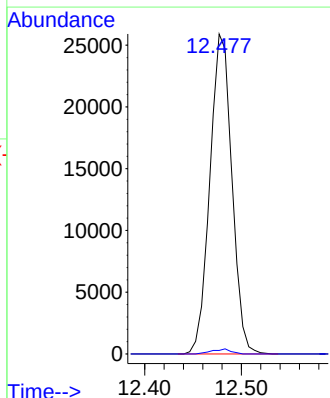
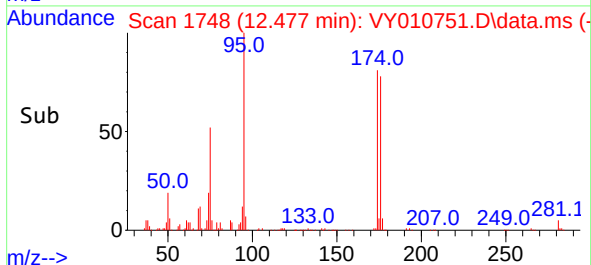
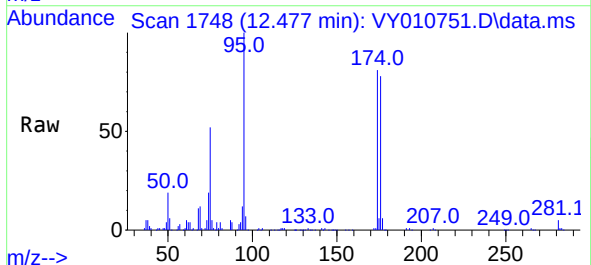


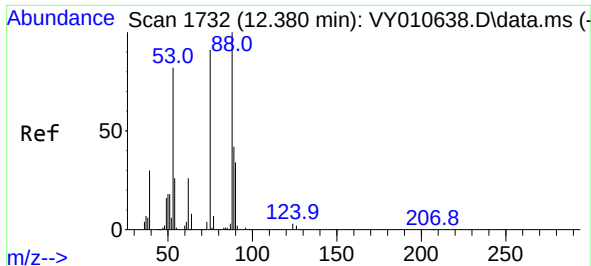
Tgt Ion:152 Resp: 88386
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.540 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010751.D
Acq: 30 Sep 2022 15:53

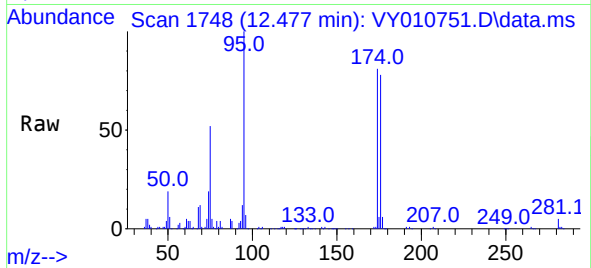
Tgt Ion: 75 Resp: 40948
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.927 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010751.D
 Acq: 30 Sep 2022 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 40948
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

