

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012003.D
 Acq On : 23 Dec 2022 17:22
 Operator : KP/MD
 Sample : N6205-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70270	54.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.640%
35) Dibromofluoromethane	7.715	113	65769	51.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.020%
50) Toluene-d8	10.178	98	255287	48.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.483	95	74530	42.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.740%

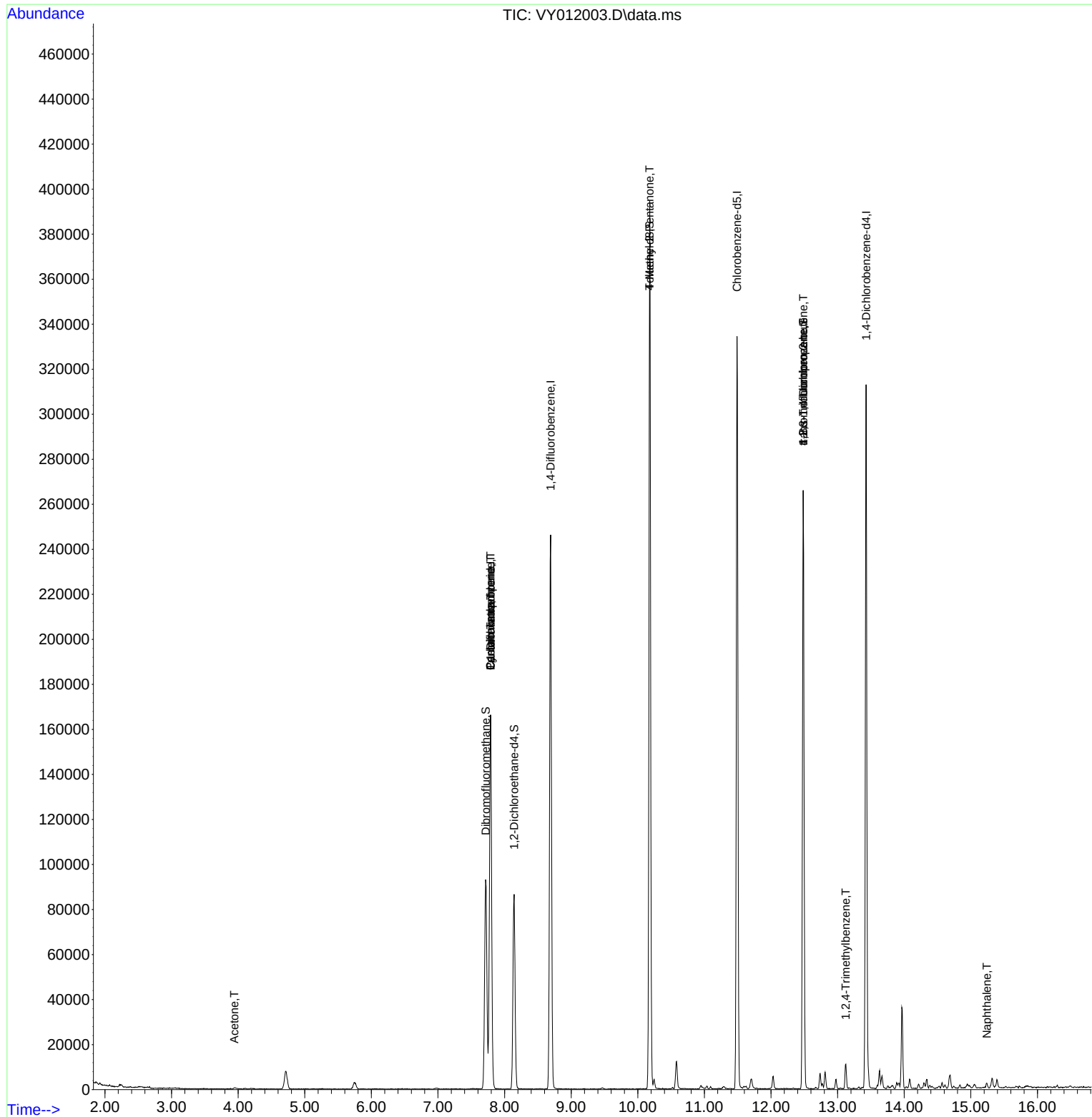
Target Compounds					Qvalue	
16) Acetone	3.942	43	1043	7.522	ug/l #	65
20) Methylene Chloride	4.716	84	6319	Below Cal		96
31) Cyclohexane	7.789	56	2304	1.058	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9261	4.478	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13291	5.565	ug/l #	18
51) 4-Methyl-2-Pentanone	10.178	43	1013	1.121	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	39178	38.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39178	106.685	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.123	105	6487	1.284	ug/l	99
95) Naphthalene	15.239	128	2249	3.492	ug/l	96

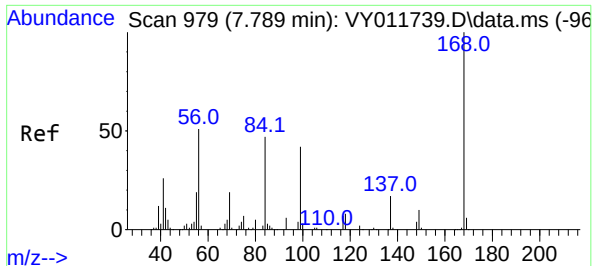
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
Data File : VY012003.D
Acq On : 23 Dec 2022 17:22
Operator : KP/MD
Sample : N6205-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

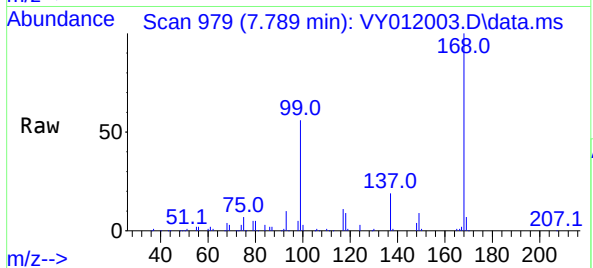
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



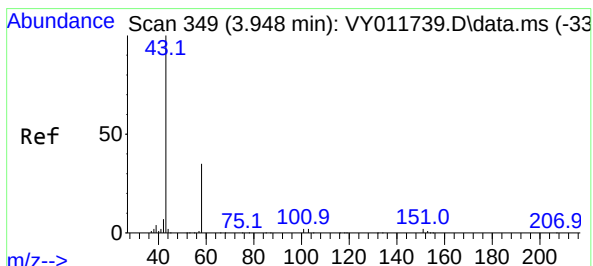
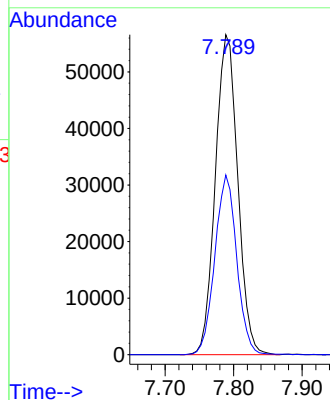
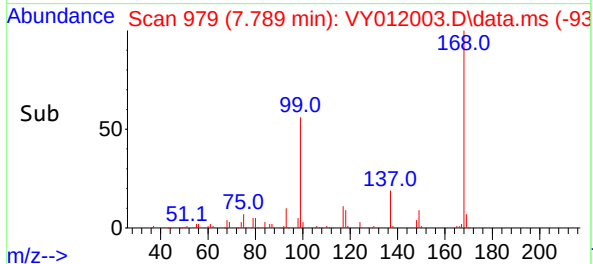


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

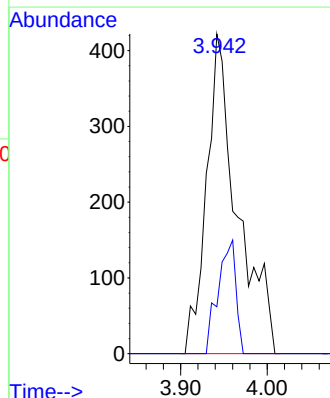
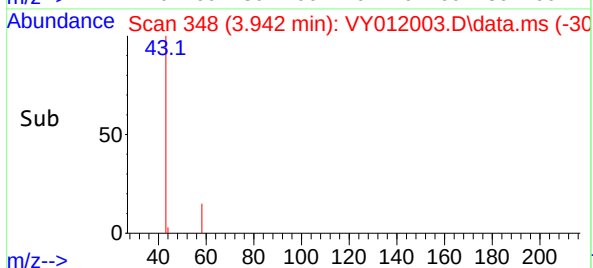
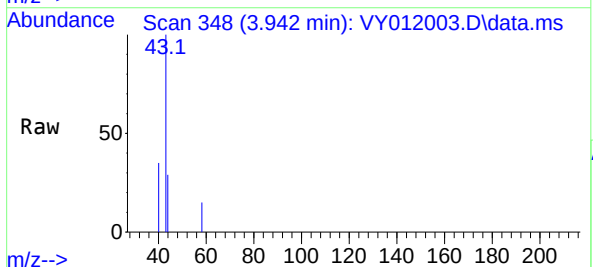


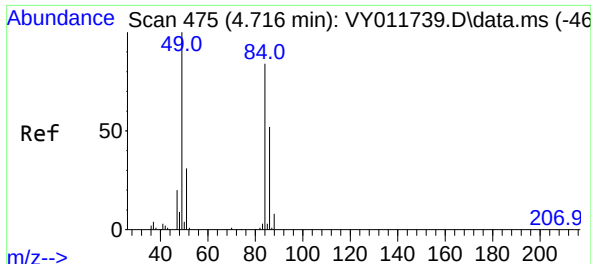
Tgt Ion:168 Resp: 128408
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#16
Acetone
Concen: 7.522 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

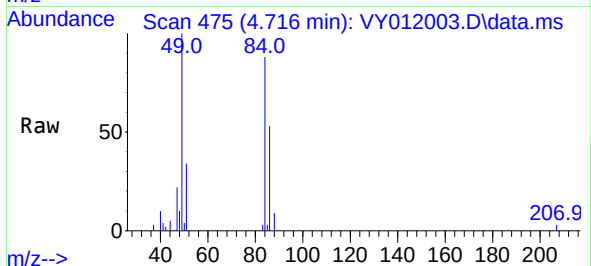
Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
58 14.7 27.9 41.9#





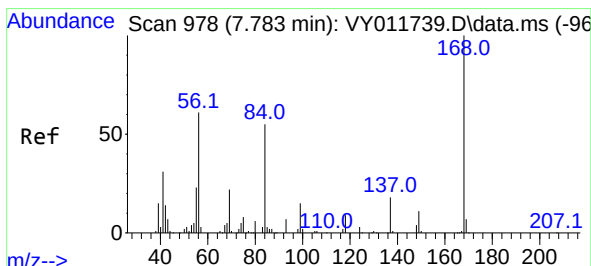
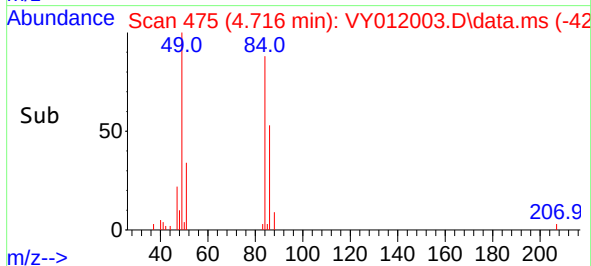
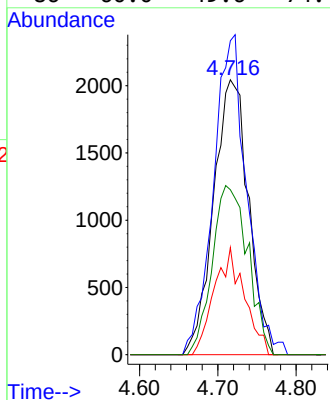
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6319

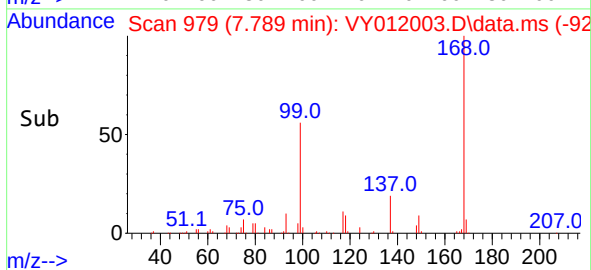
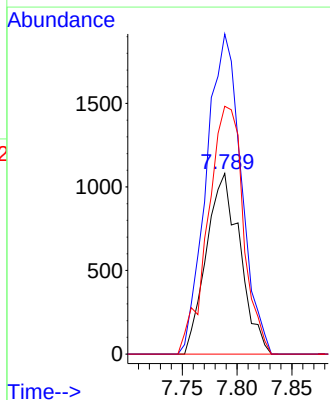
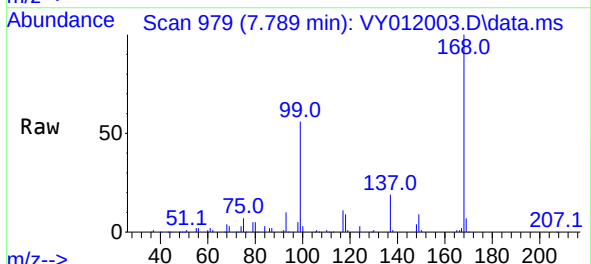
Ion	Ratio	Lower	Upper
84	100		
49	114.2	95.4	143.2
51	38.9	29.9	44.9
86	60.0	49.6	74.4

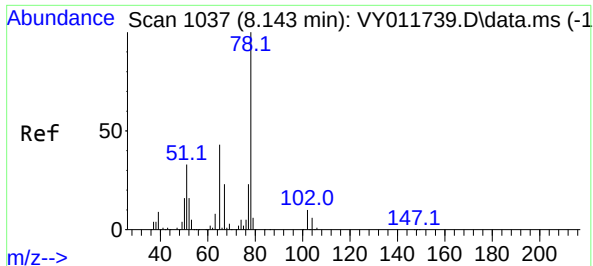


#31
Cyclohexane
Concen: 1.058 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion: 56 Resp: 2304

Ion	Ratio	Lower	Upper
56	100		
69	177.2	29.2	43.8#
84	137.2	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 54.318 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012003.D

Acq: 23 Dec 2022 17:22

Instrument :

MSVOA_Y

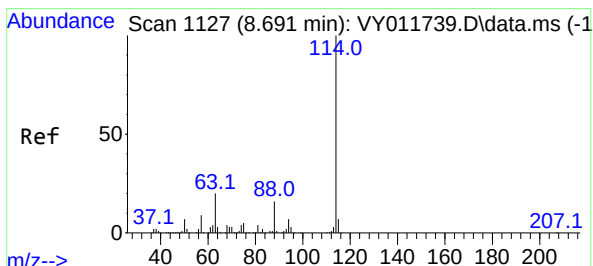
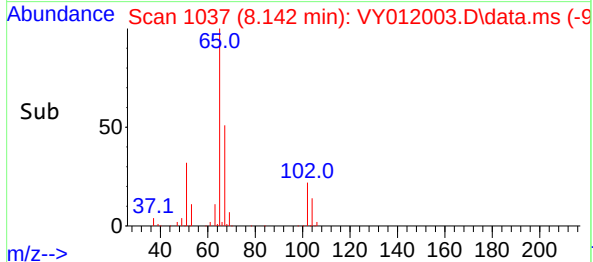
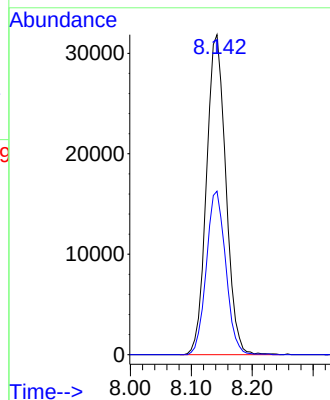
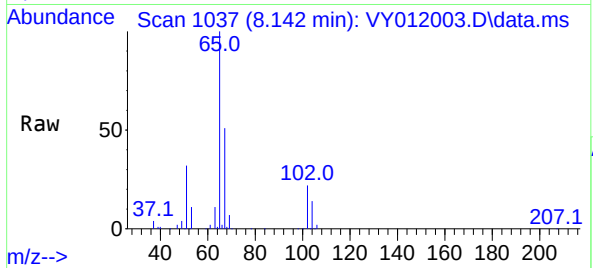
ClientSampleId :

Tgt Ion: 65 Resp: 70270

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012003.D

Acq: 23 Dec 2022 17:22

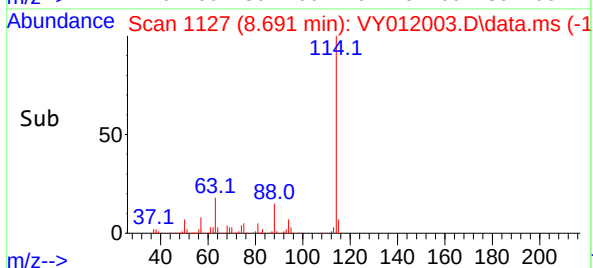
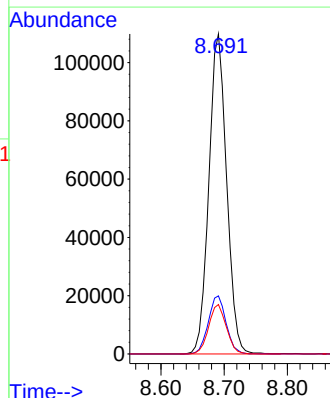
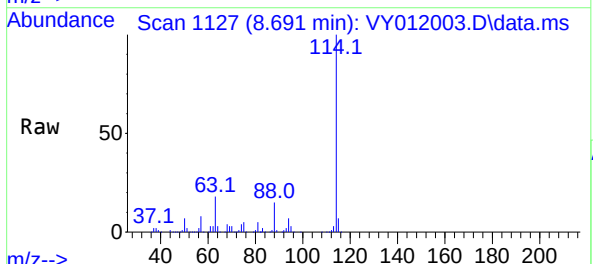
Tgt Ion: 114 Resp: 214145

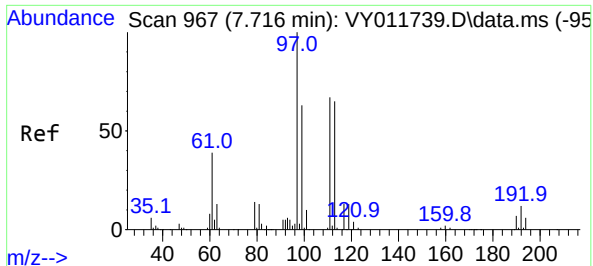
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

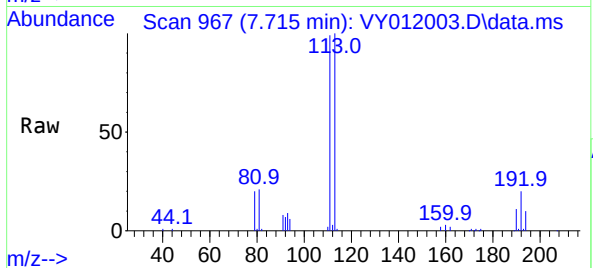
88 15.5 0.0 32.2



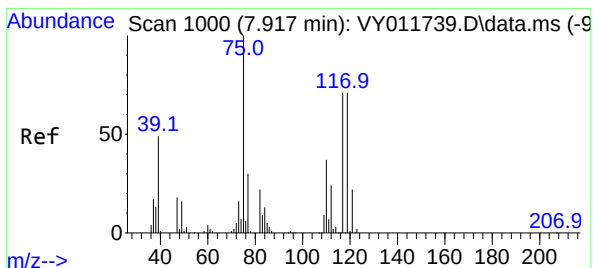
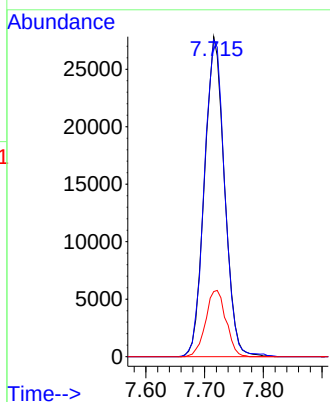
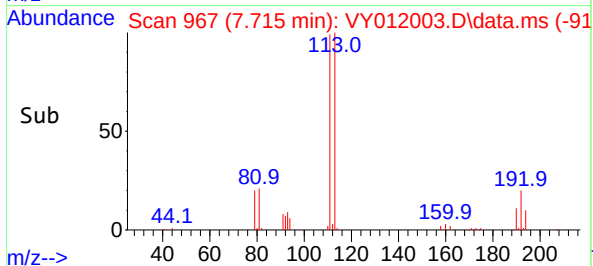


#35
Dibromofluoromethane
Concen: 51.015 ug/l
RT: 7.715 min Scan# 910
Delta R.T. -0.001 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

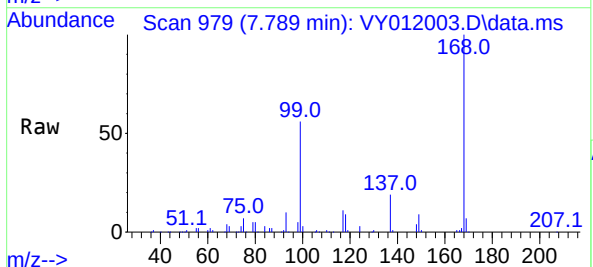
Instrument :
MSVOA_Y
ClientSampleId :



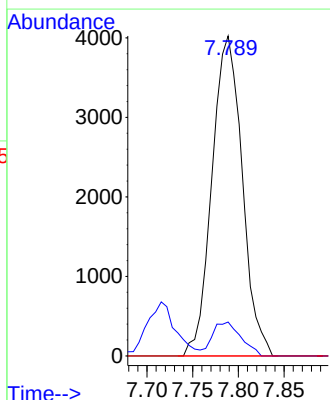
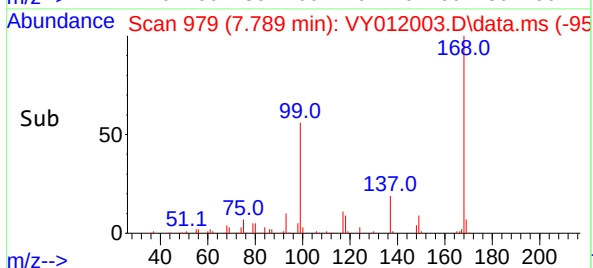
Tgt Ion:113 Resp: 65769
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.4
192 21.1 16.0 24.0

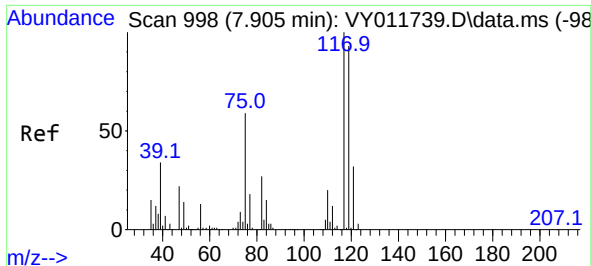


#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22



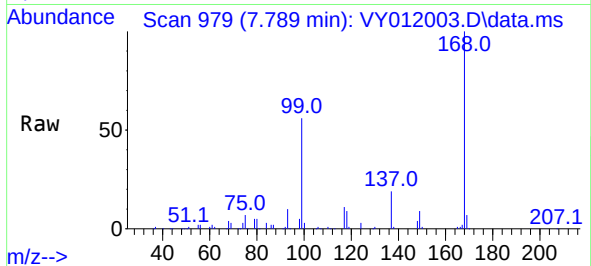
Tgt Ion: 75 Resp: 9261
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#



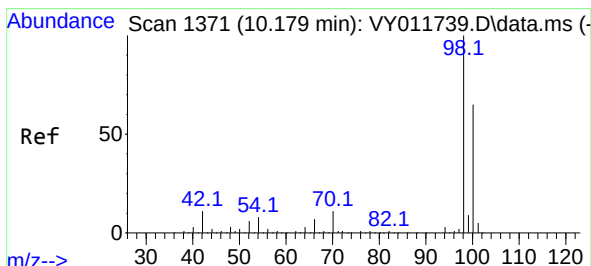
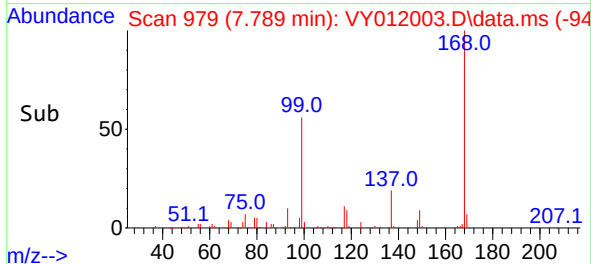
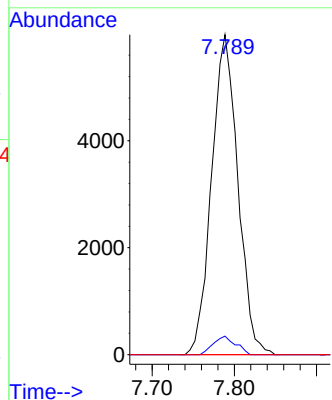


#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

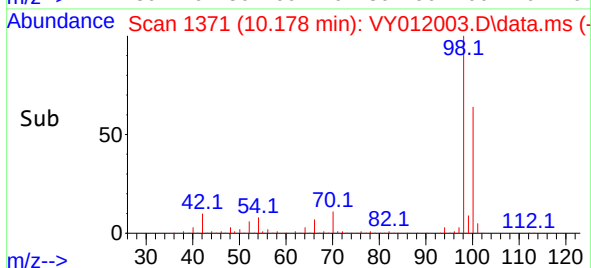
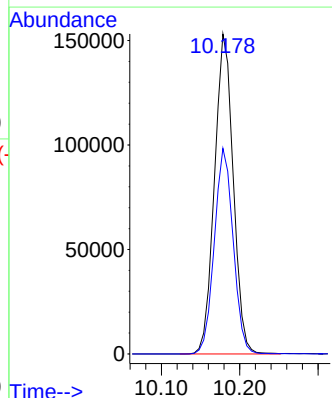
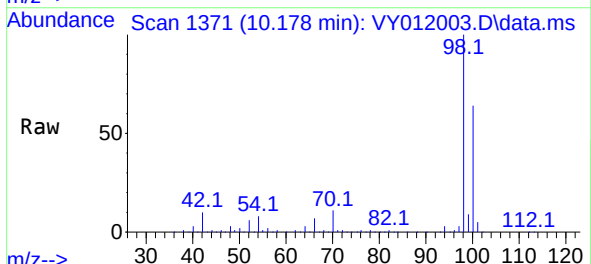


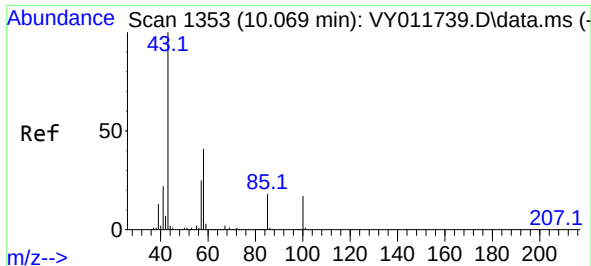
Tgt Ion:117 Resp: 13291
Ion Ratio Lower Upper
117 100
119 5.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 48.806 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion: 98 Resp: 255287
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

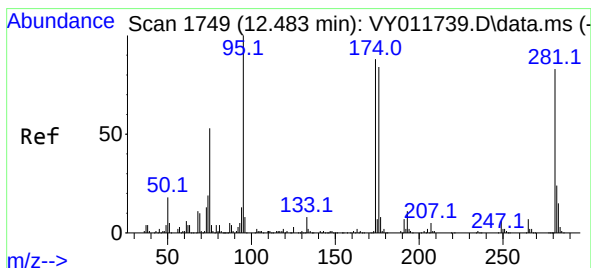
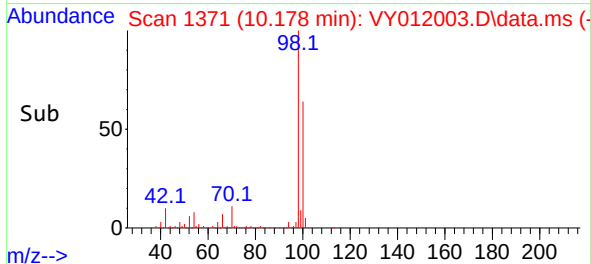
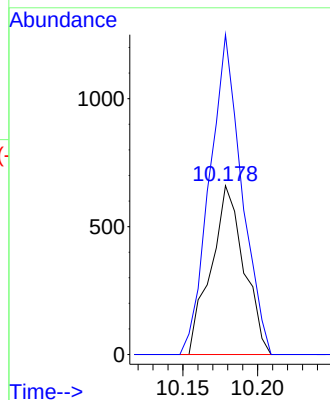
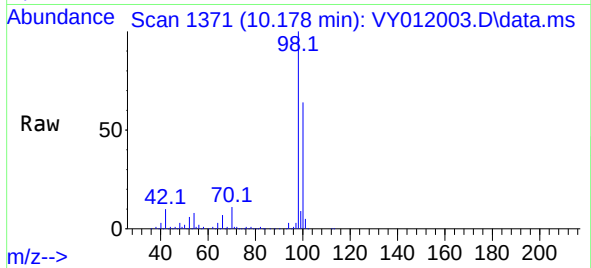




#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

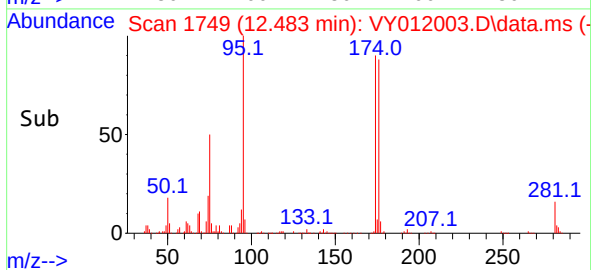
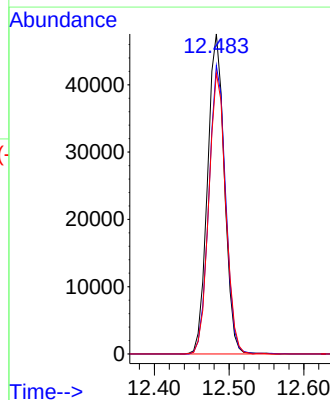
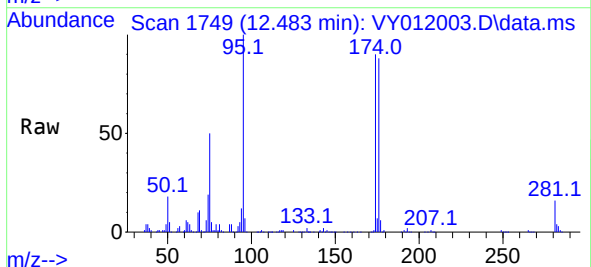
Instrument :
MSVOA_Y
ClientSampleId :

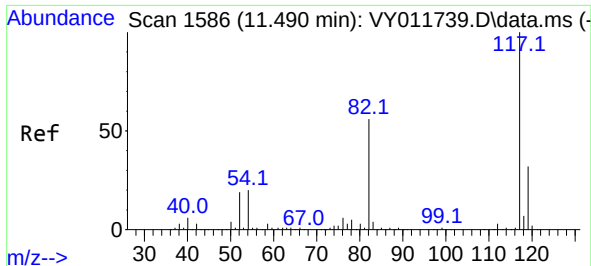
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 184.8 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 42.366 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

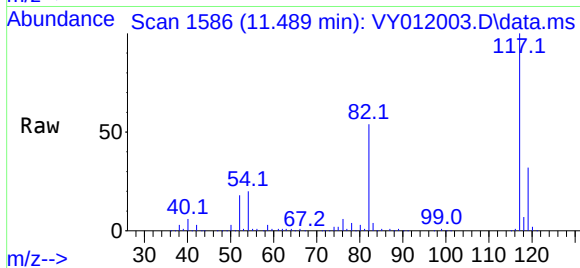
Tgt Ion: 95 Resp: 74530
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 87.6 0.0 167.6



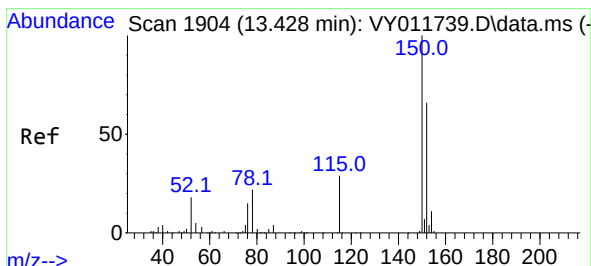
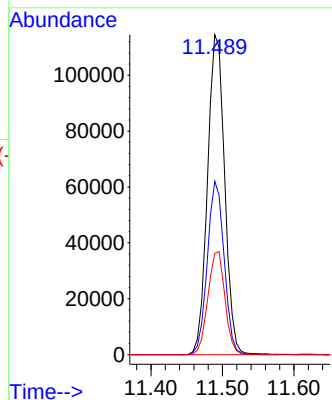
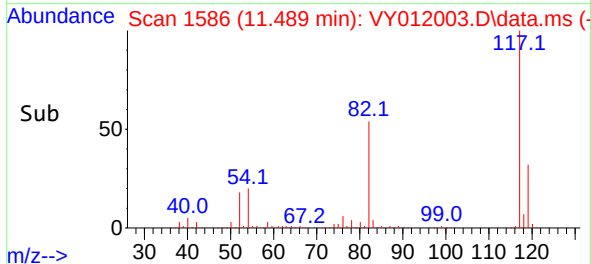


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

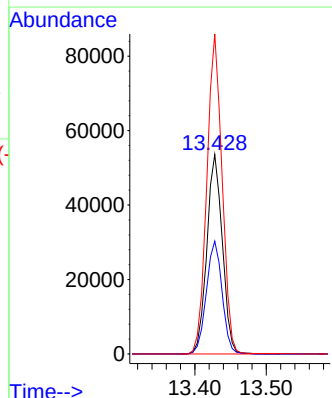
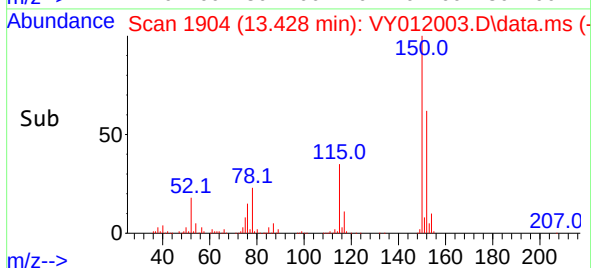
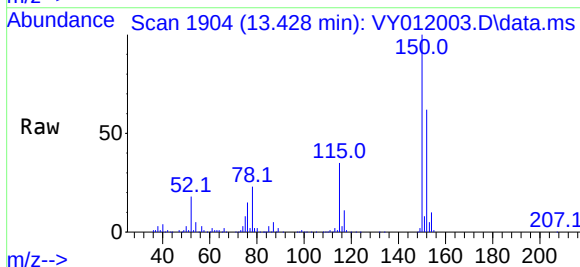


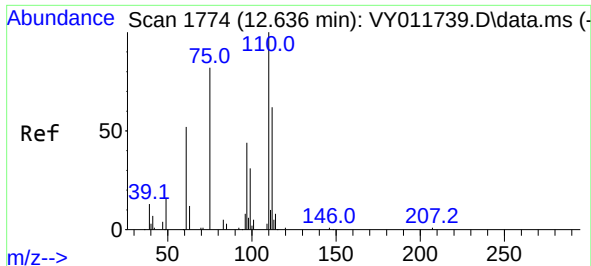
Tgt Ion:117 Resp: 190845
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion:152 Resp: 80819
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 157.5 0.0 342.6

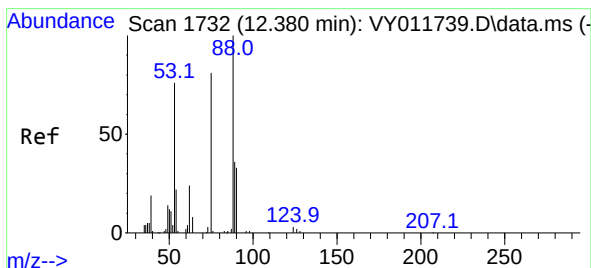
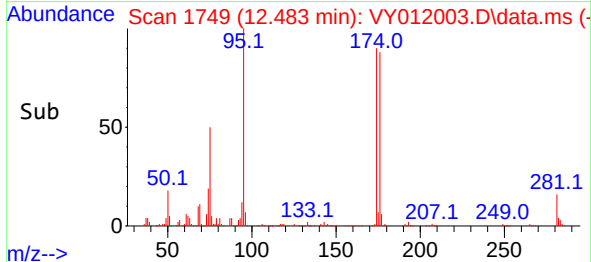
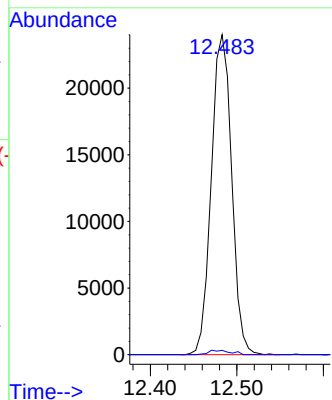
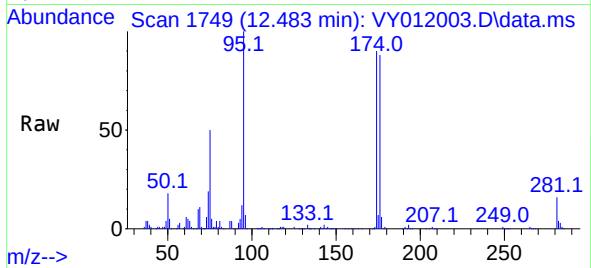




#76
1,2,3-Trichloropropane
Concen: 38.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

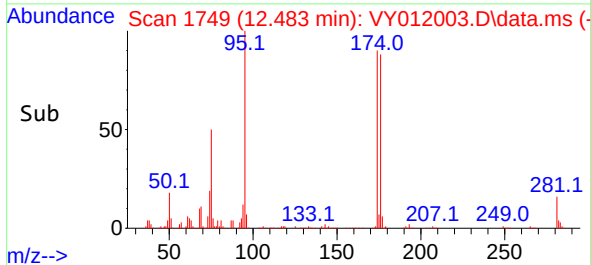
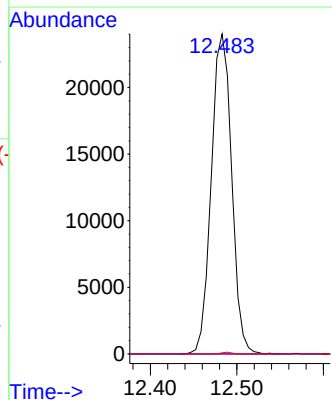
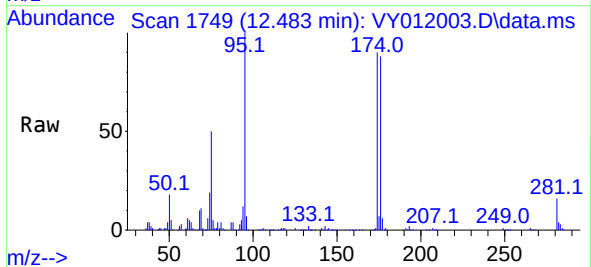
Instrument :
MSVOA_Y
ClientSampleId :

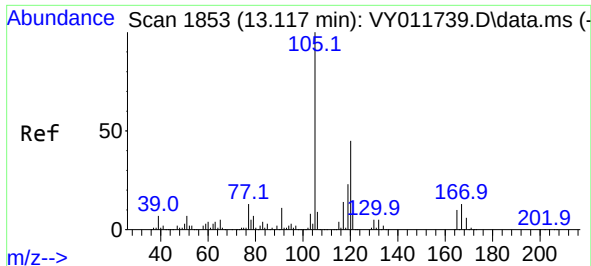
Tgt Ion: 75 Resp: 39178
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion: 75 Resp: 39178
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

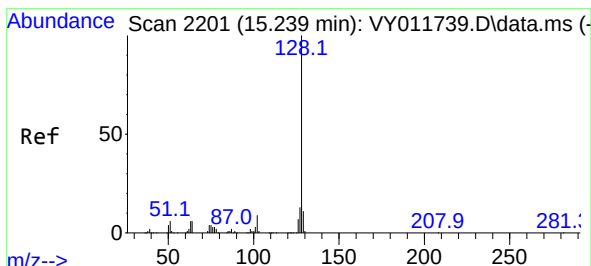
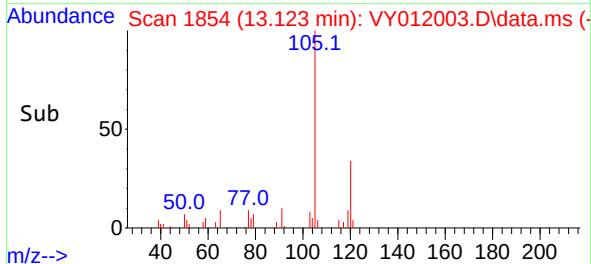
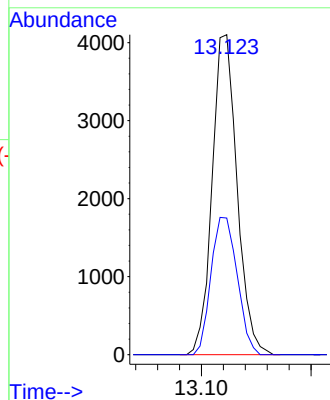
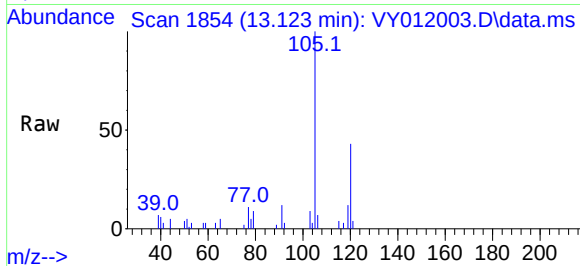




#84
1,2,4-Trimethylbenzene
Concen: 1.284 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 6487
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7



#95
Naphthalene
Concen: 3.492 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012003.D
Acq: 23 Dec 2022 17:22

Tgt Ion:128 Resp: 2249
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.2
129 9.8 8.8 13.2

