

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012314.D
 Acq On : 23 Jan 2023 15:24
 Operator : KP/MD
 Sample : 01232-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 15:56:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

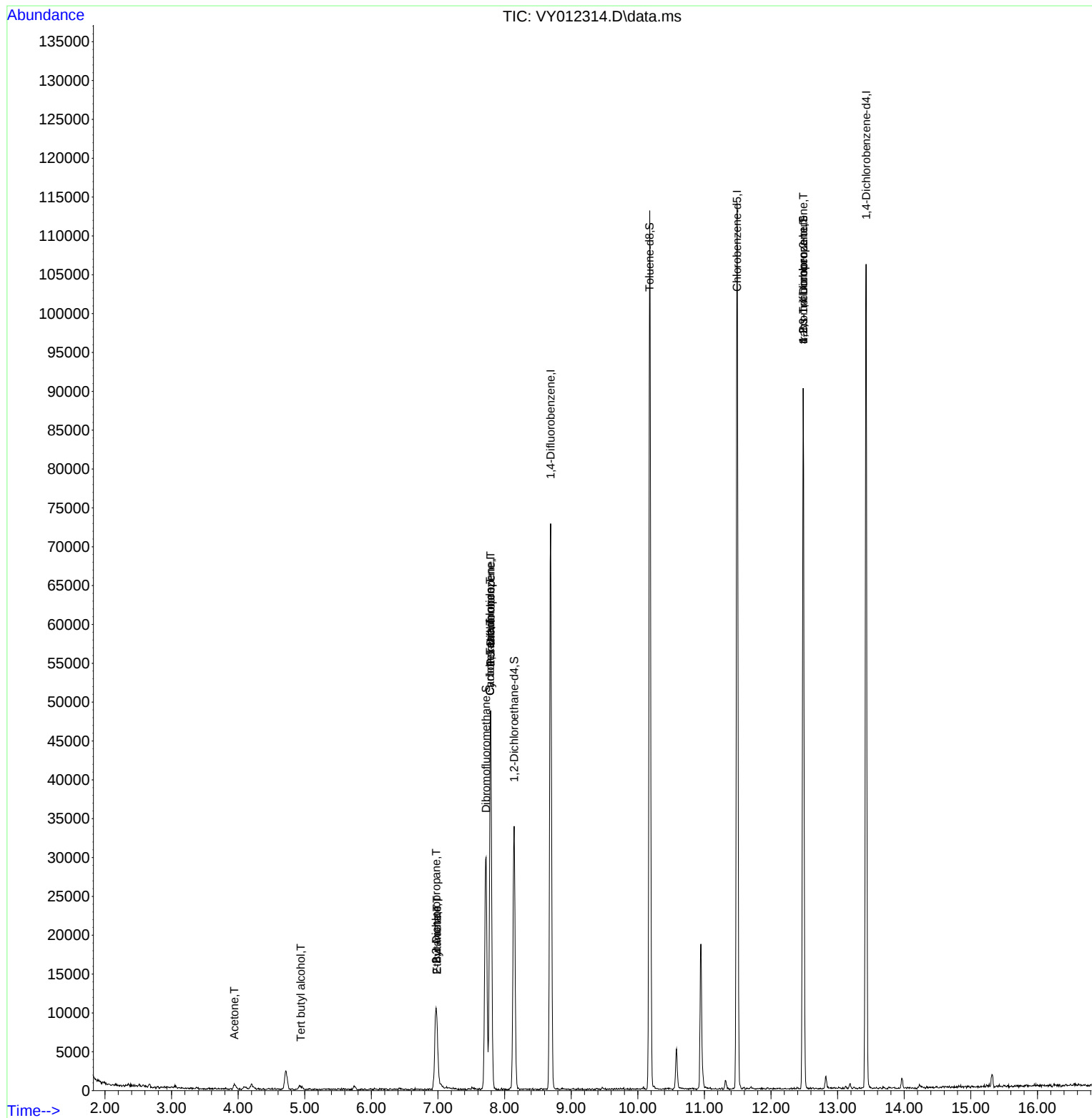
Internal Standards						
1) Pentafluorobenzene	7.789	168	39101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	65182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28631	91.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.220%#	
35) Dibromofluoromethane	7.722	113	20626	59.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.520%	
50) Toluene-d8	10.179	98	77474	66.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.380%	
62) 4-Bromofluorobenzene	12.483	95	25929	53.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	608	3.677	ug/l #	74
16) Acetone	3.942	43	1072	9.846	ug/l	95
20) Methylene Chloride	4.710	84	2019	Below Cal	#	71
25) 2-Butanone	6.984	43	511	4.251	ug/l #	46
26) 2,2-Dichloropropane	6.972	77	874	1.311	ug/l #	53
31) Cyclohexane	7.783	56	640	1.123	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	2799	4.772	ug/l #	48
37) Ethyl Acetate	6.984	43	511	1.976	ug/l #	1
38) Carbon Tetrachloride	7.783	117	3859	5.094	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	13074	48.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13074	100.396	ug/l #	13

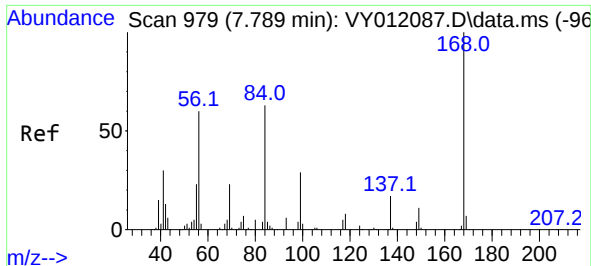
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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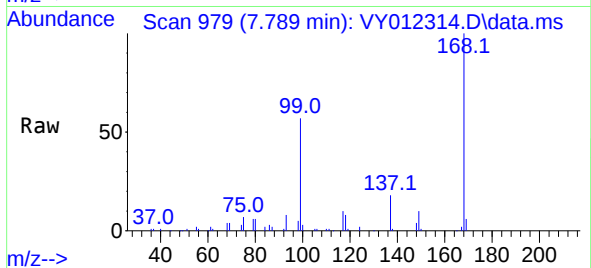
Quant Time: Jan 23 15:56:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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QLast Update : Tue Jan 17 04:31:47 2023
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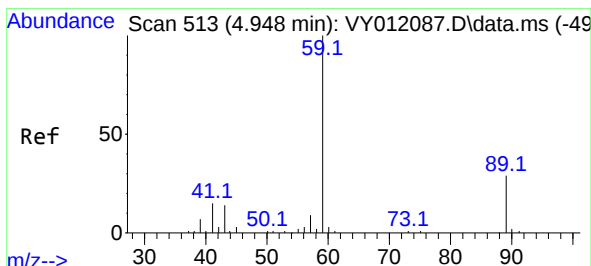
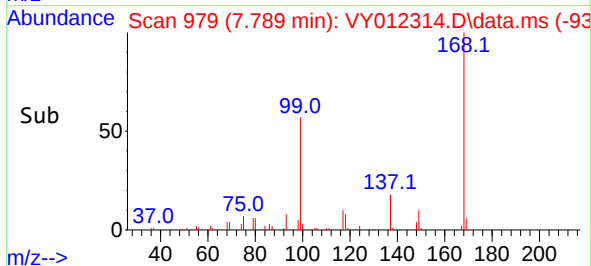
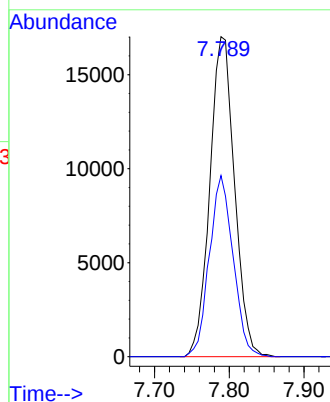


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

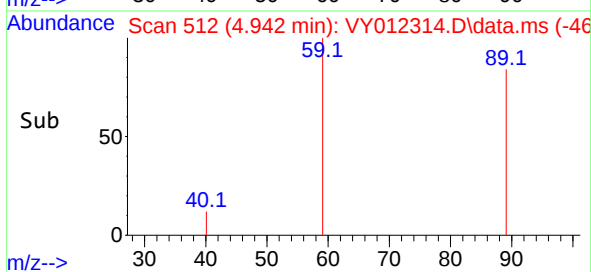
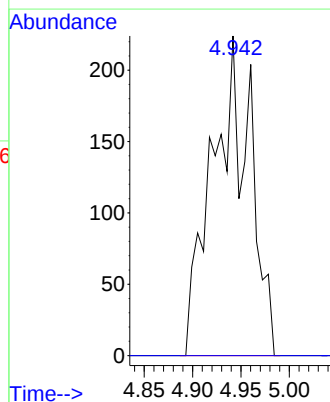
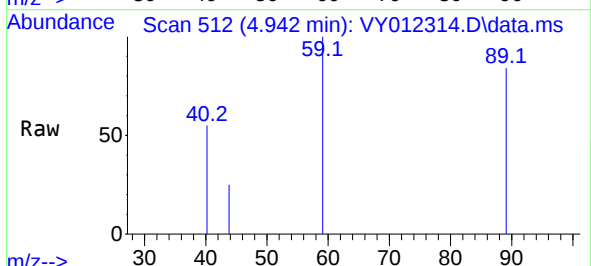


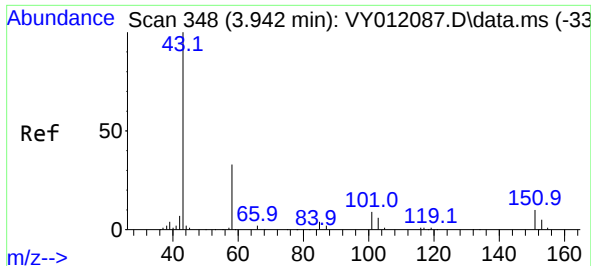
Tgt Ion:168 Resp: 39101
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 3.677 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

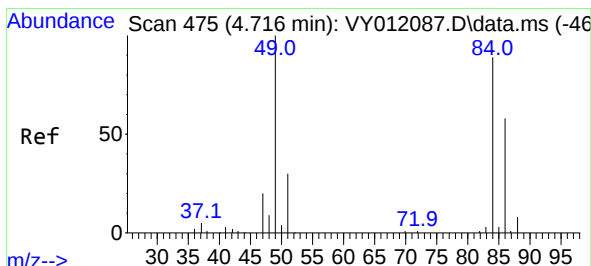
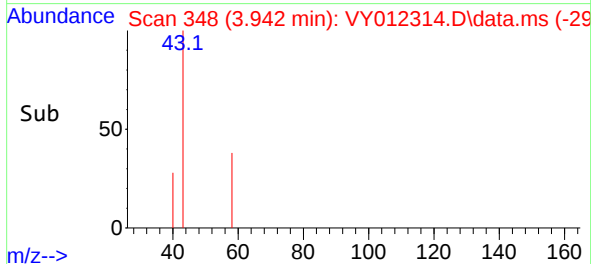
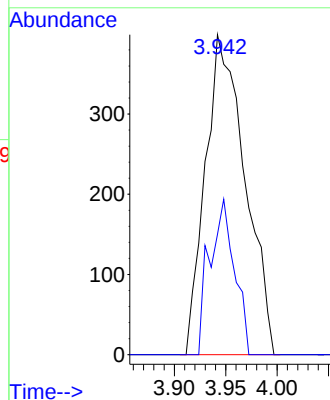
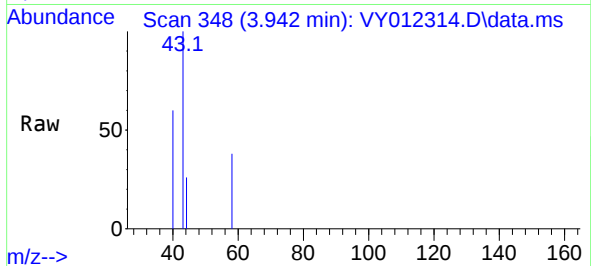




#16
Acetone
Concen: 9.846 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

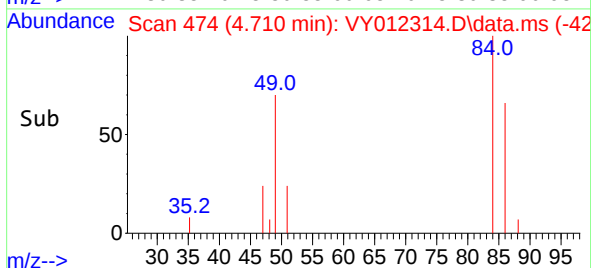
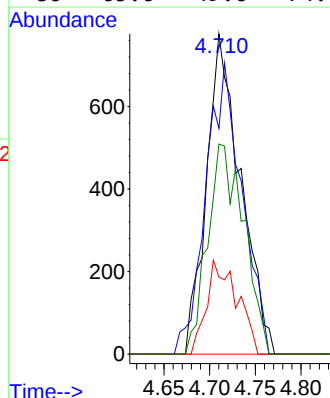
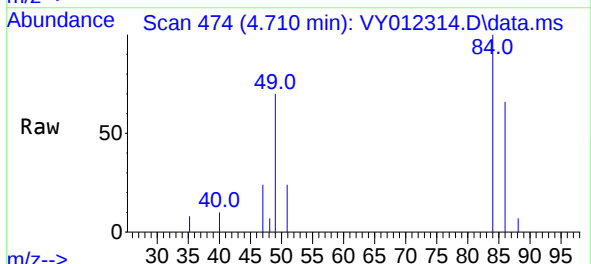
Instrument :
MSVOA_Y
ClientSampleId :

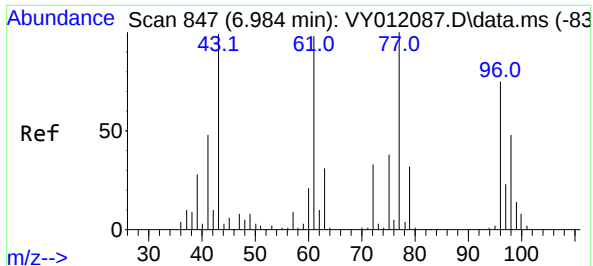
Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 37.6 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion: 84 Resp: 2019
Ion Ratio Lower Upper
84 100
49 70.5 95.4 143.2#
51 24.1 29.9 44.9#
86 65.6 49.6 74.4





#25

2-Butanone

Concen: 4.251 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY012314.D

Acq: 23 Jan 2023 15:24

Instrument :

MSVOA_Y

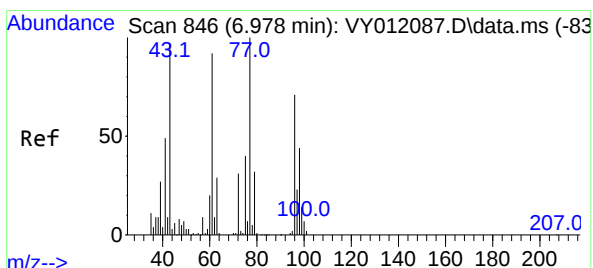
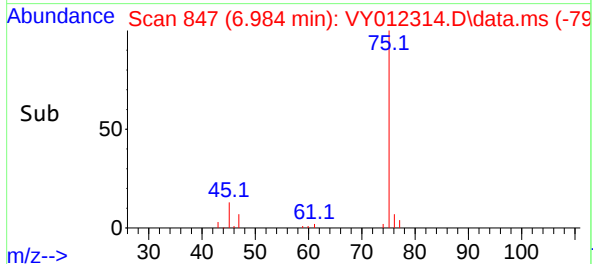
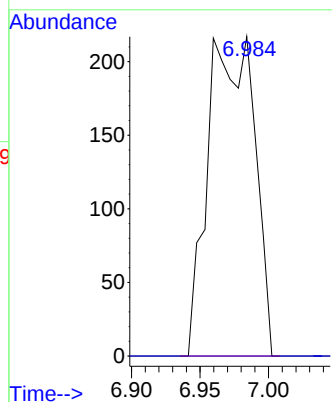
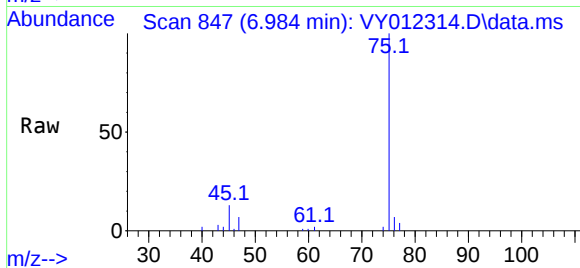
ClientSampleId :

Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 1.311 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY012314.D

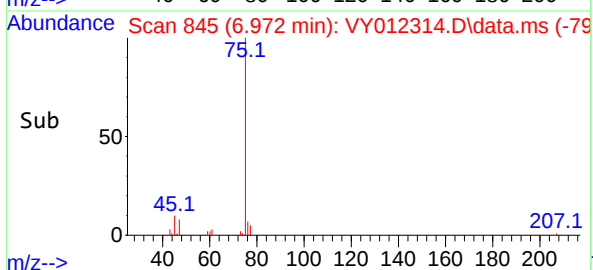
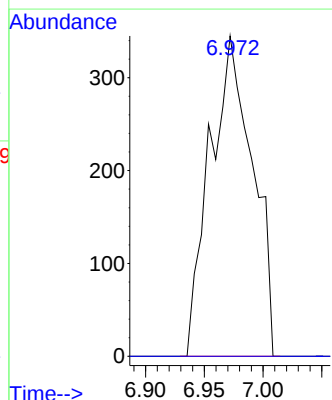
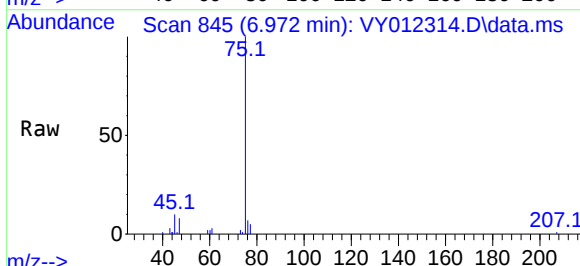
Acq: 23 Jan 2023 15:24

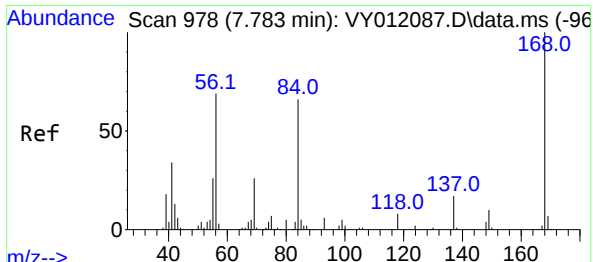
Tgt Ion: 77 Resp: 874

Ion Ratio Lower Upper

77 100

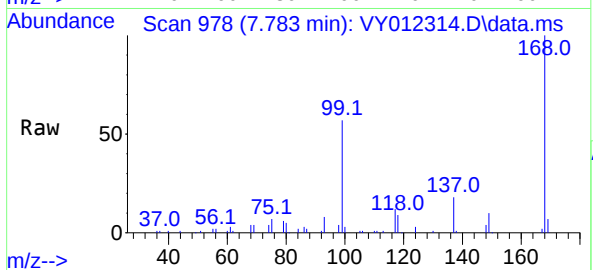
97 0.0 11.4 34.1#



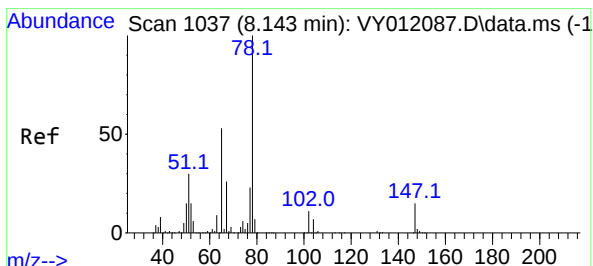
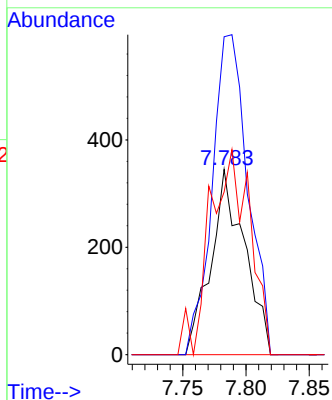
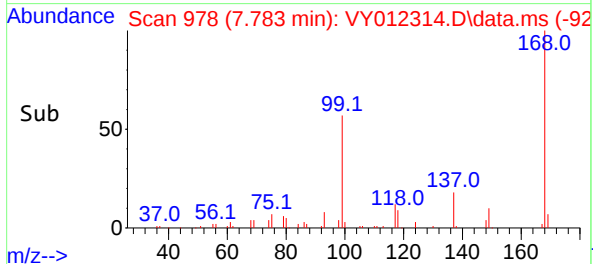


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

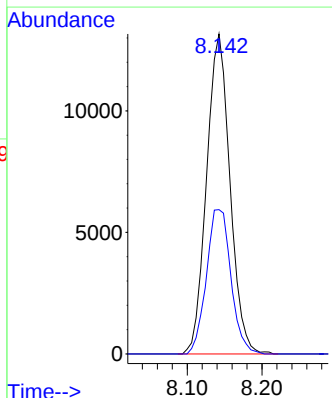
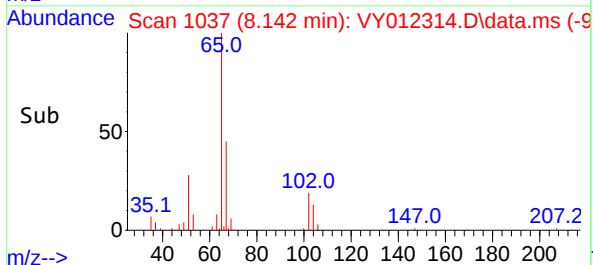
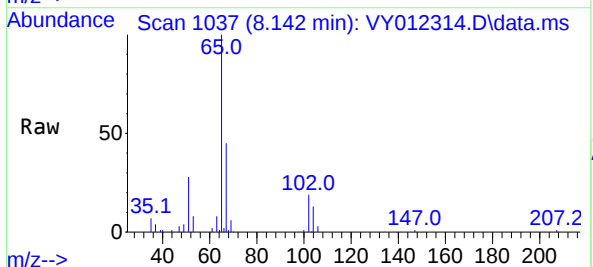


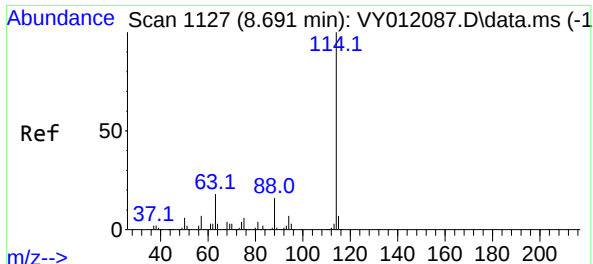
Tgt Ion: 56 Resp: 640
Ion Ratio Lower Upper
56 100
69 171.6 29.2 43.8#
84 87.8 72.6 108.8



#33
1,2-Dichloroethane-d4
Concen: 91.612 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion: 65 Resp: 28631
Ion Ratio Lower Upper
65 100
67 47.3 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: VY012314.D

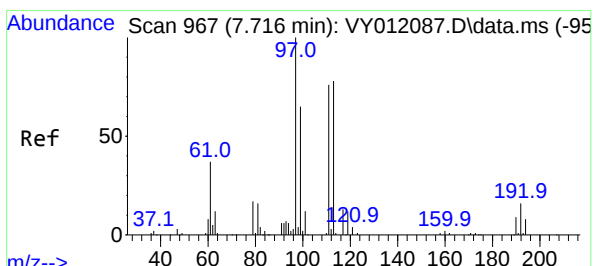
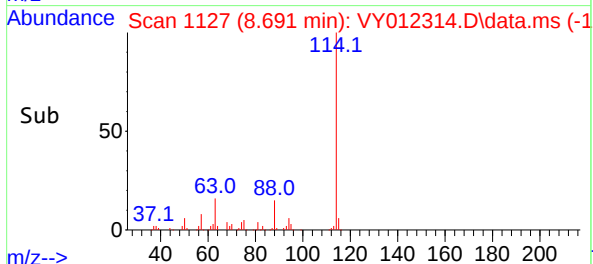
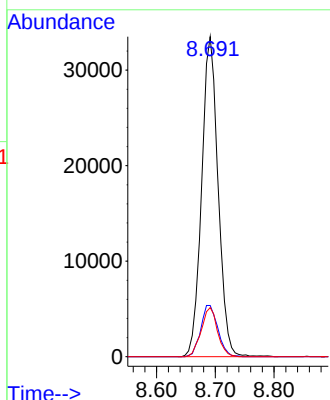
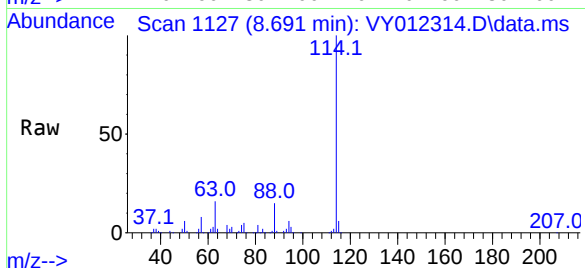
Acq: 23 Jan 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	65182
Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	39.6
88	15.4	0.0	32.2



#35

Dibromofluoromethane

Concen: 59.761 ug/l

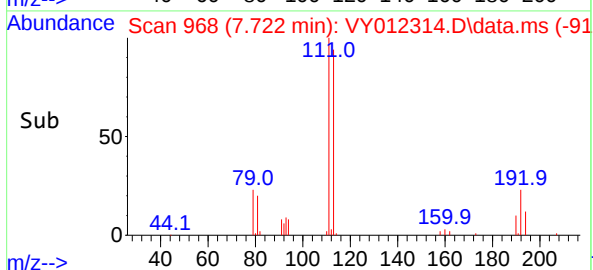
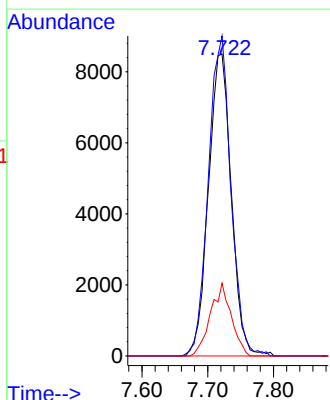
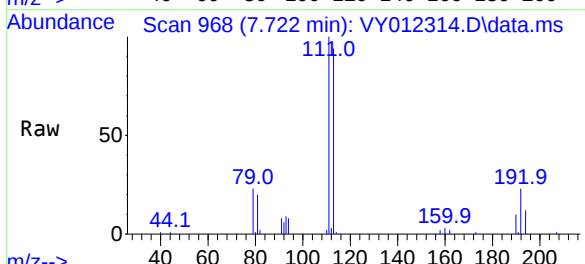
RT: 7.722 min Scan# 968

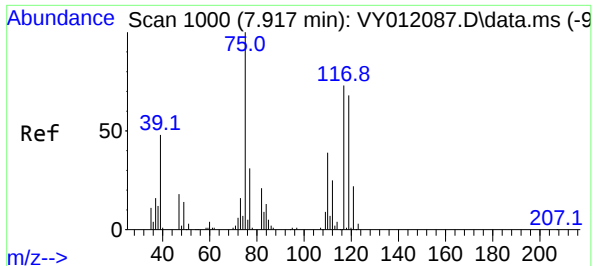
Delta R.T. 0.006 min

Lab File: VY012314.D

Acq: 23 Jan 2023 15:24

Tgt Ion:	113	Resp:	20626
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	21.9	16.0	24.0

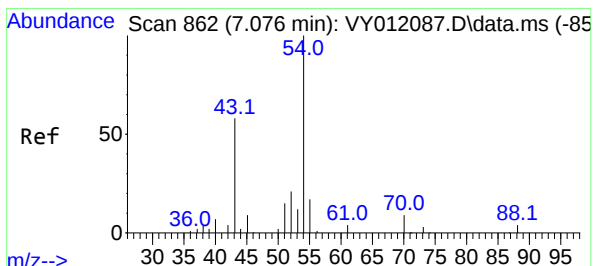
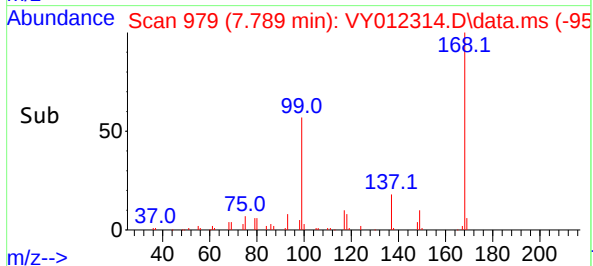
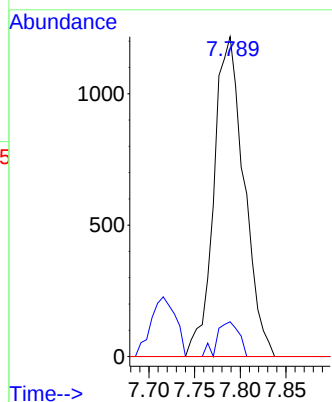
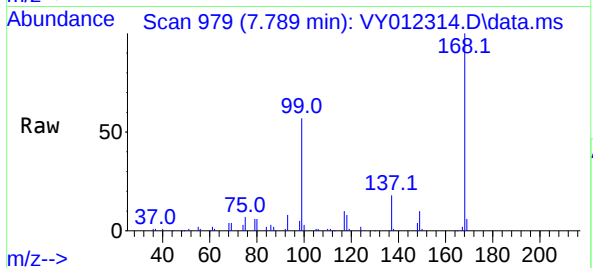




#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

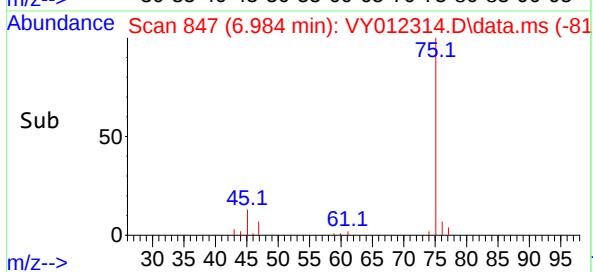
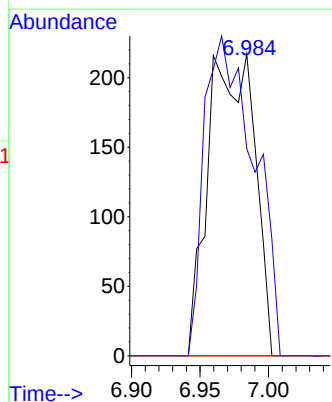
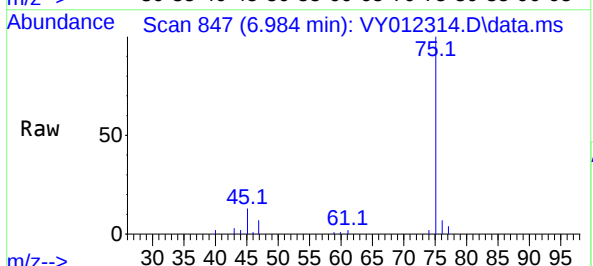
Instrument :
MSVOA_Y
ClientSampleId :

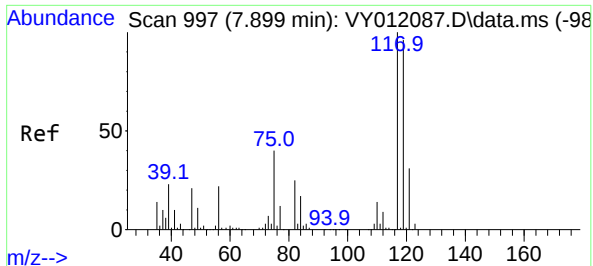
Tgt Ion: 75 Resp: 2799
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.1#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 1.976 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.092 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

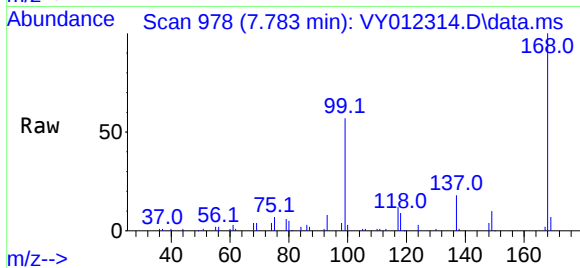
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
61 113.3 11.3 16.9#
70 0.0 8.2 12.4#



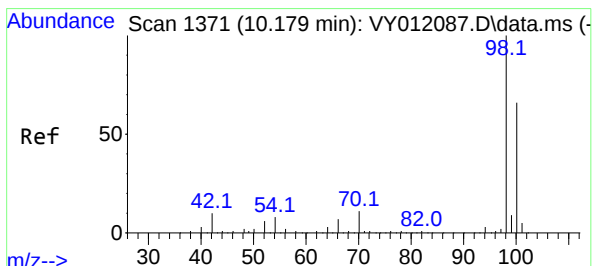
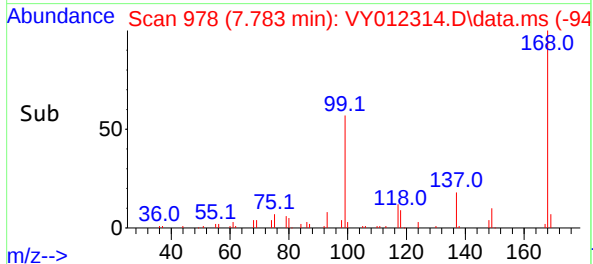
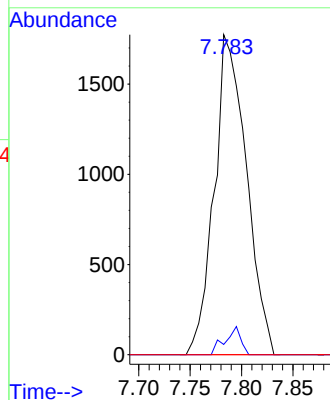


#38
Carbon Tetrachloride
Concen: 5.094 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

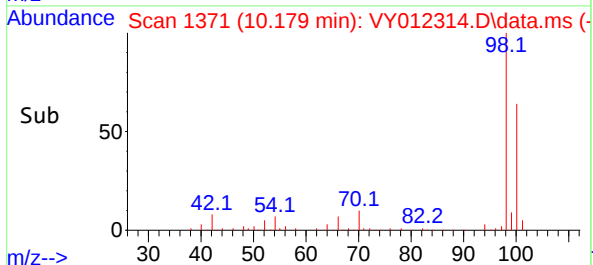
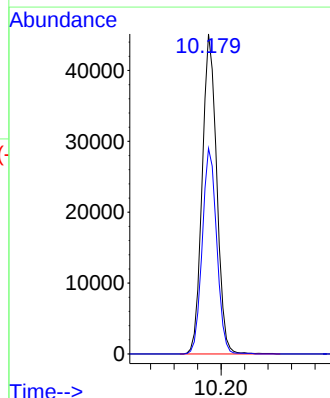
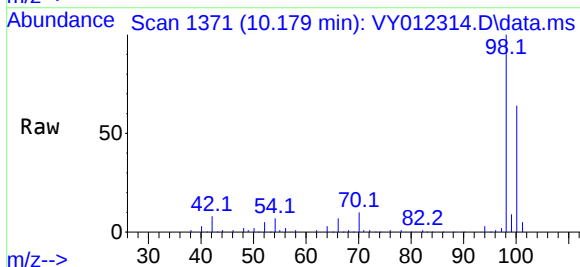


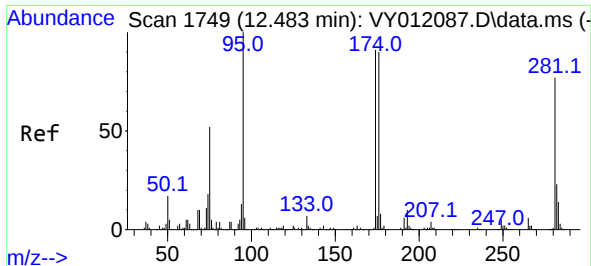
Tgt Ion:117 Resp: 3859
Ion Ratio Lower Upper
117 100
119 3.2 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.189 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Tgt Ion: 98 Resp: 77474
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

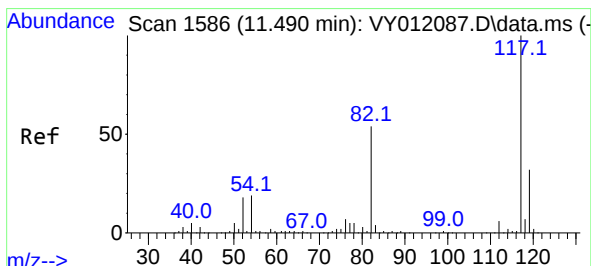
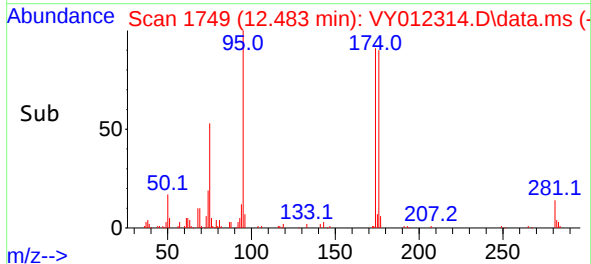
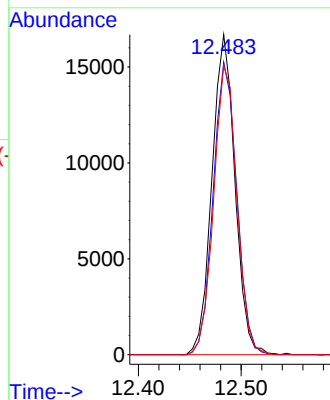
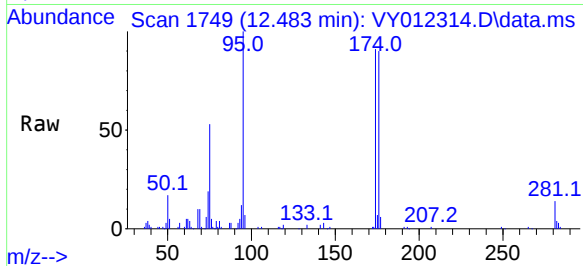




#62
4-Bromofluorobenzene
Concen: 53.293 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

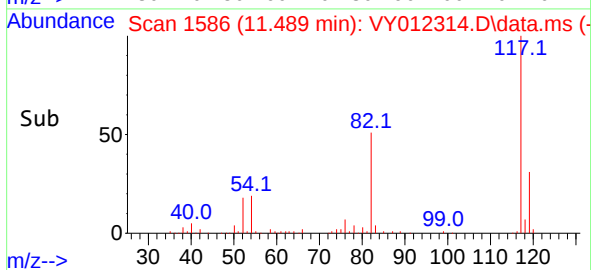
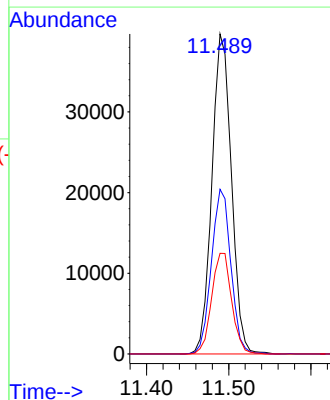
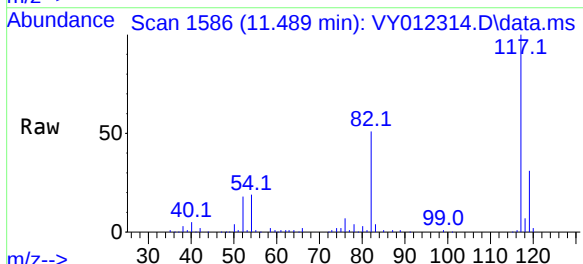
Instrument :
MSVOA_Y
ClientSampleId :

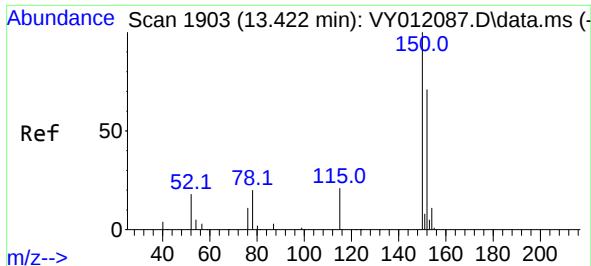
Tgt Ion: 95 Resp: 25929
Ion Ratio Lower Upper
95 100
174 93.6 0.0 172.0
176 90.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

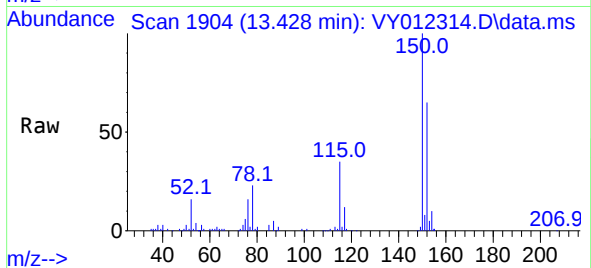
Tgt Ion: 117 Resp: 65342
Ion Ratio Lower Upper
117 100
82 51.4 44.8 67.2
119 31.4 25.4 38.2



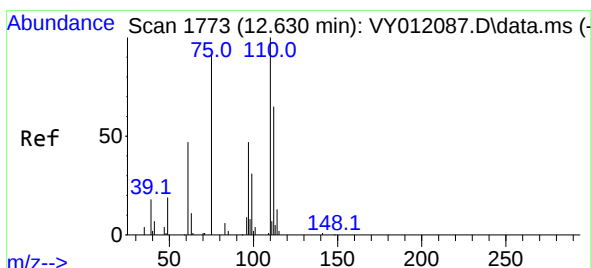
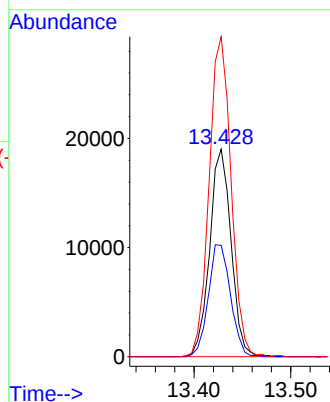
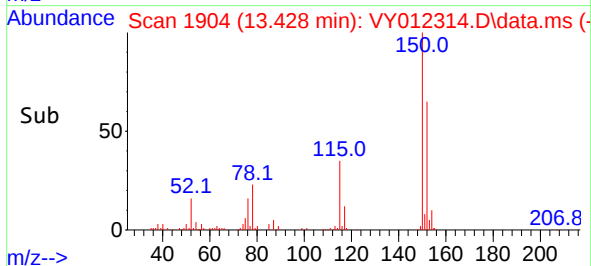


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

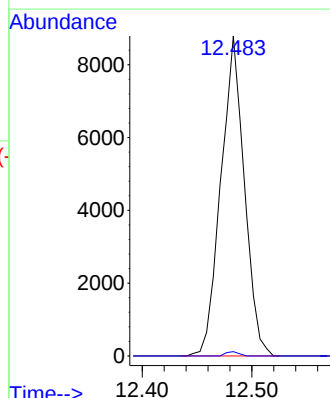
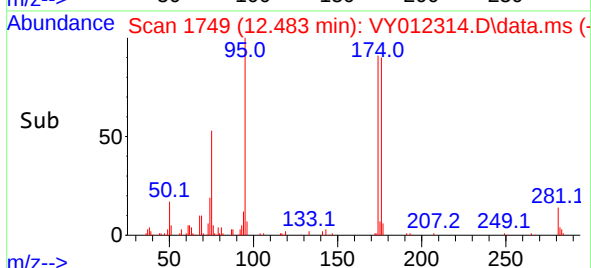
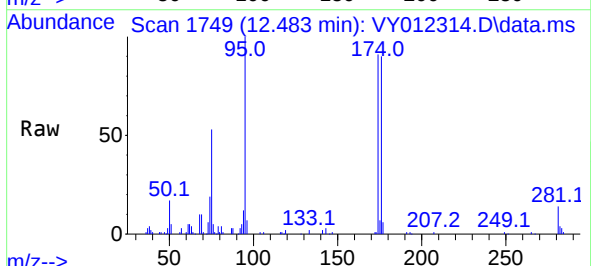


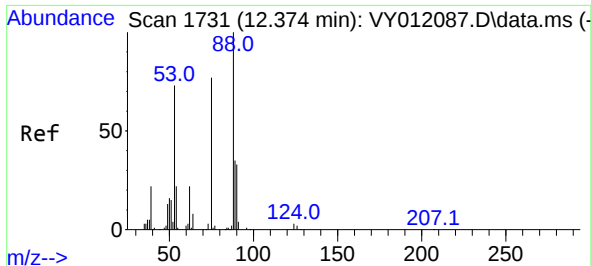
Tgt Ion:152 Resp: 29180
Ion Ratio Lower Upper
152 100
115 56.2 29.1 87.3
150 158.6 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 48.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

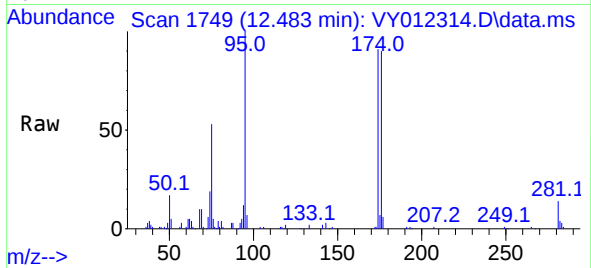
Tgt Ion: 75 Resp: 13074
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.396 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012314.D
Acq: 23 Jan 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 13074
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

