

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012320.D
 Acq On : 23 Jan 2023 17:45
 Operator : KP/MD
 Sample : 01251-07
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 01:29:58 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)

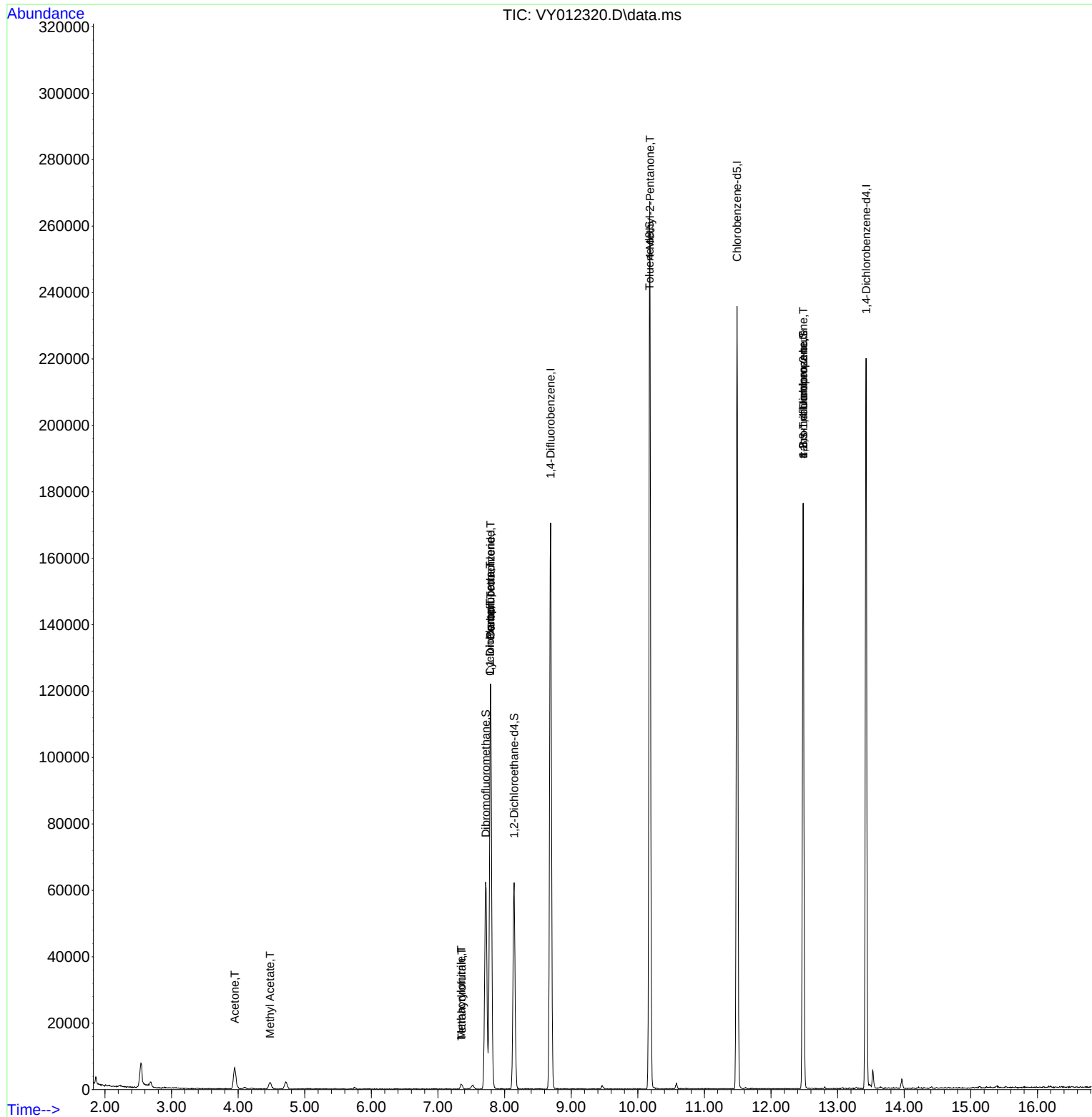
Internal Standards						
1) Pentafluorobenzene	7.789	168	94679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51497	66.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.900%
35) Dibromofluoromethane	7.716	113	42710	53.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.179	98	176673	65.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.720%
62) 4-Bromofluorobenzene	12.483	95	51442	45.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.640%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	11433	43.366	ug/l	99
18) Methyl Acetate	4.478	43	3630	6.153	ug/l #	88
20) Methylene Chloride	4.716	84	1620	Below Cal	#	83
29) Tetrahydrofuran	7.356	42	960	6.005	ug/l #	87
31) Cyclohexane	7.783	56	1901	1.377	ug/l #	37
36) 1,1-Dichloropropene	7.783	75	6587	4.867	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9149	5.234	ug/l #	21
41) Methacrylonitrile	7.350	41	613	1.748	ug/l #	100
51) 4-Methyl-2-Pentanone	10.185	43	656	1.108	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	26954	50.898	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26954	104.872	ug/l #	13

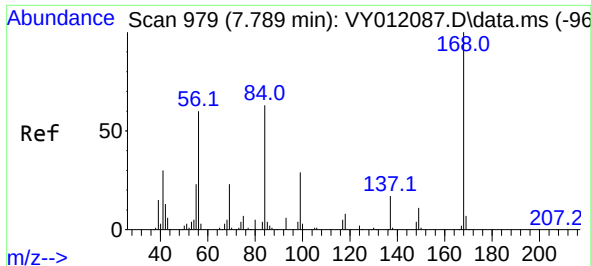
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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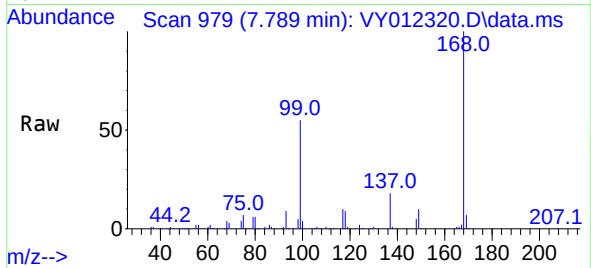
Quant Time: Jan 24 01:29:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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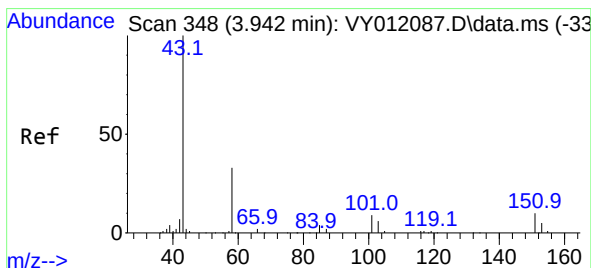
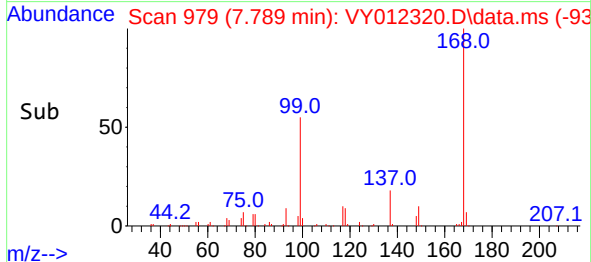
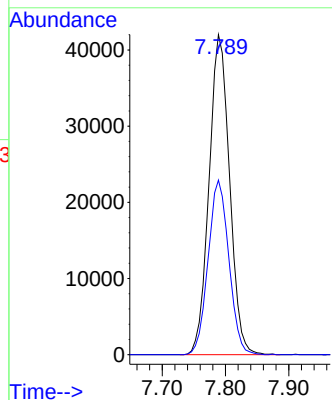


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :

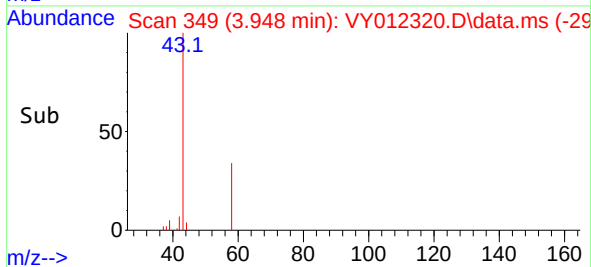
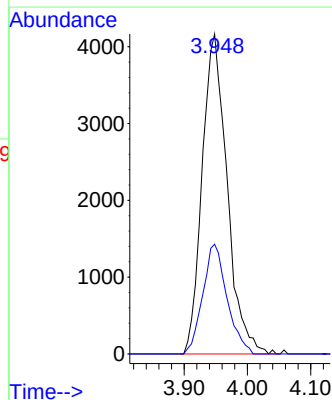
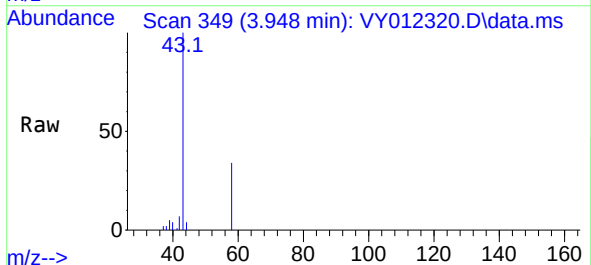


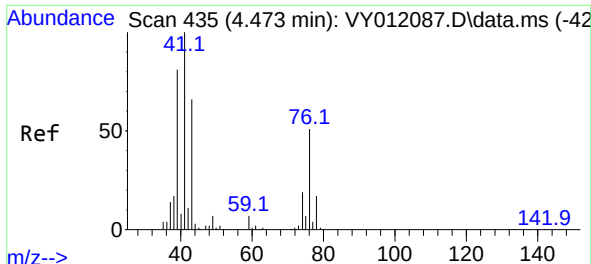
Tgt Ion:168 Resp: 94679
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#16
Acetone
Concen: 43.366 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Tgt Ion: 43 Resp: 11433
Ion Ratio Lower Upper
43 100
58 34.3 27.9 41.9

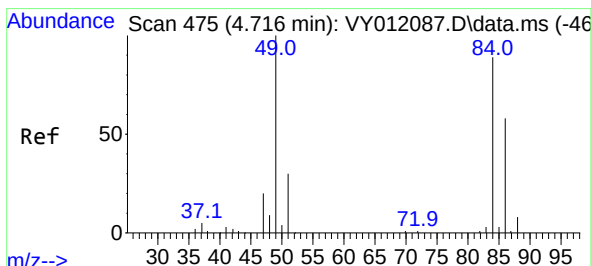
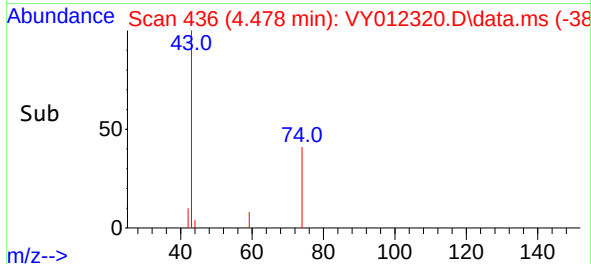
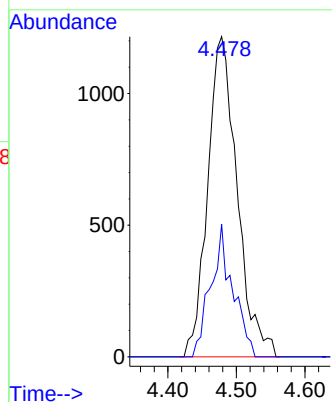
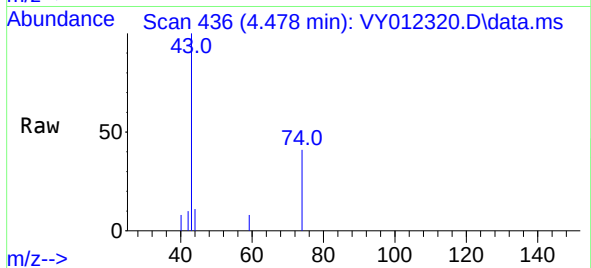




#18
Methyl Acetate
Concen: 6.153 ug/l
RT: 4.478 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

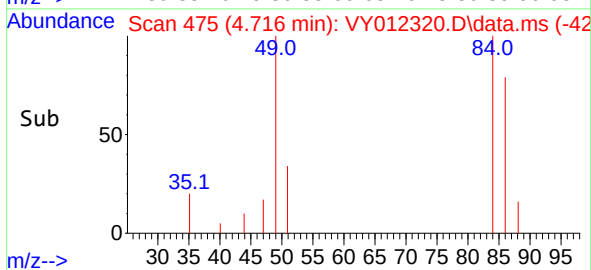
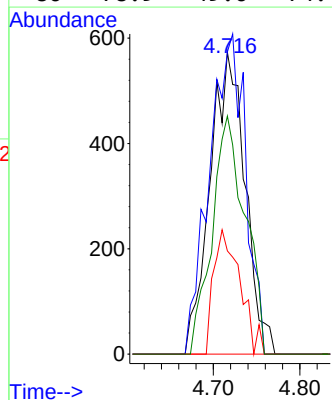
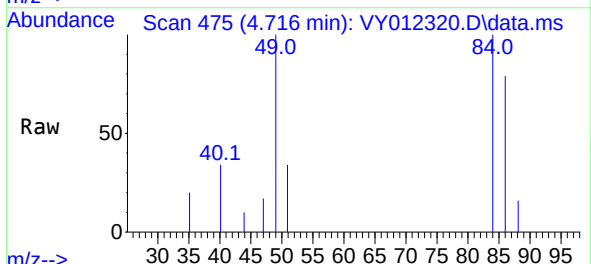
Instrument :
MSVOA_Y
ClientSampleId :

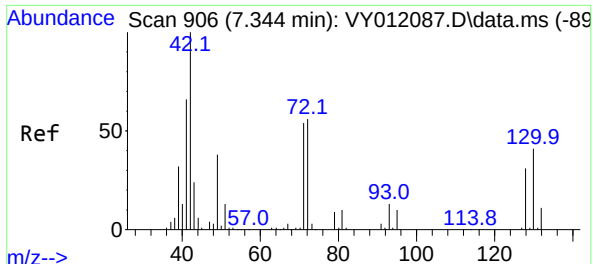
Tgt Ion: 43 Resp: 3630
Ion Ratio Lower Upper
43 100
74 31.0 20.1 30.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

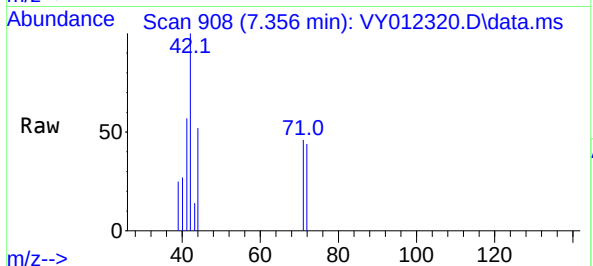
Tgt Ion: 84 Resp: 1620
Ion Ratio Lower Upper
84 100
49 100.2 95.4 143.2
51 34.2 29.9 44.9
86 78.9 49.6 74.4#





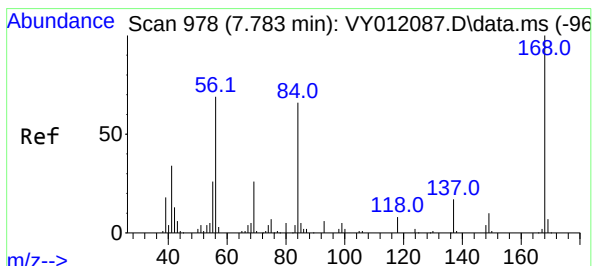
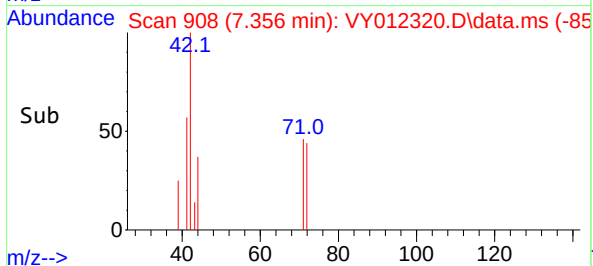
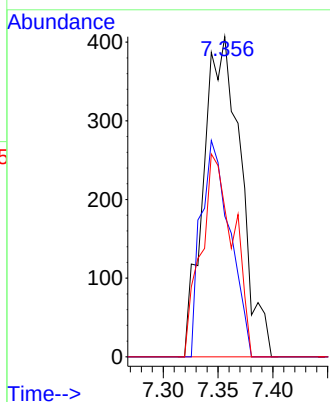
#29
Tetrahydrofuran
Concen: 6.005 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 42 Resp: 960

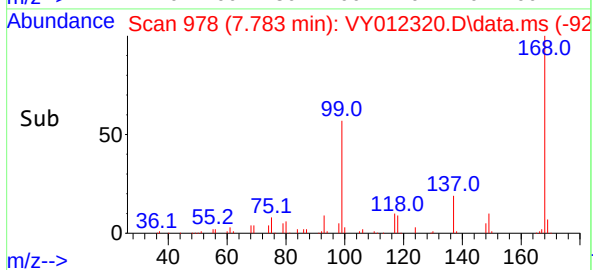
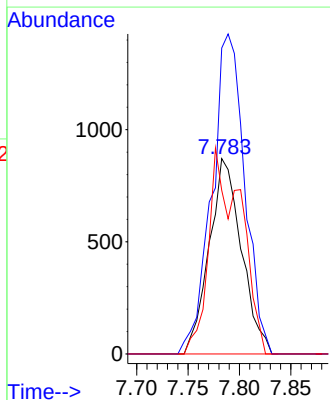
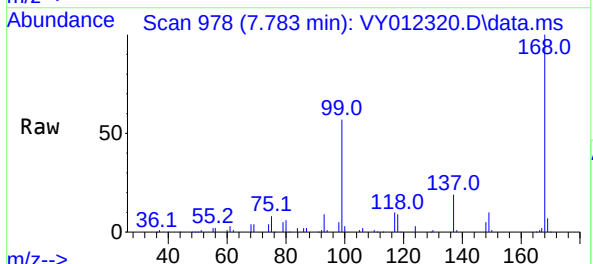
Ion	Ratio	Lower	Upper
42	100		
72	52.6	37.0	55.6
71	54.8	34.9	52.3

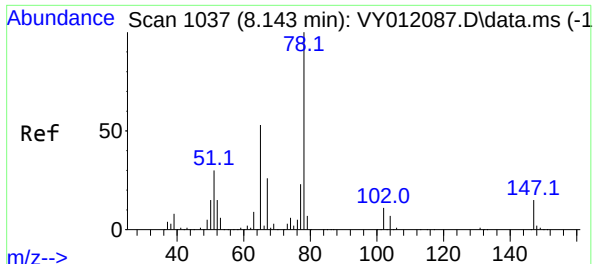


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Tgt Ion: 56 Resp: 1901

Ion	Ratio	Lower	Upper
56	100		
69	156.6	29.2	43.8
84	83.8	72.6	108.8





#33

1,2-Dichloroethane-d4

Concen: 66.953 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012320.D

Acq: 23 Jan 2023 17:45

Instrument :

MSVOA_Y

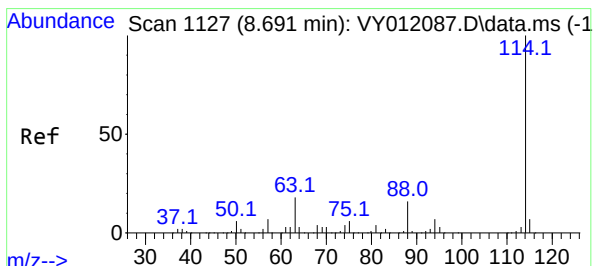
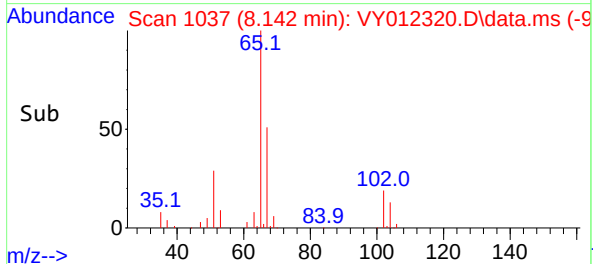
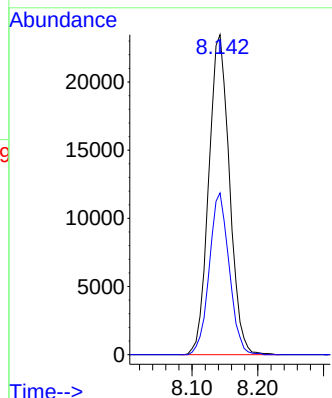
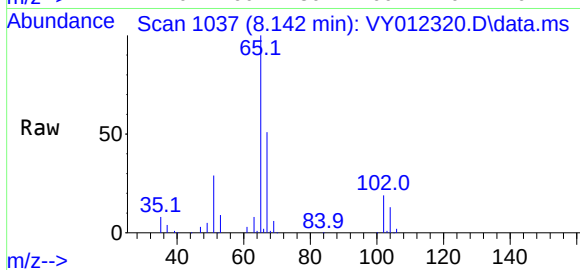
ClientSampleId :

Tgt Ion: 65 Resp: 51497

Ion Ratio Lower Upper

65 100

67 48.5 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: VY012320.D

Acq: 23 Jan 2023 17:45

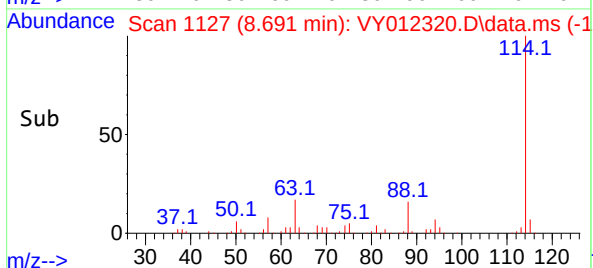
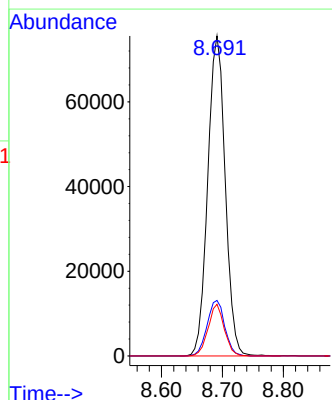
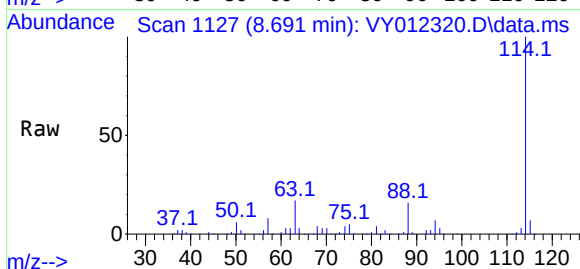
Tgt Ion: 114 Resp: 150396

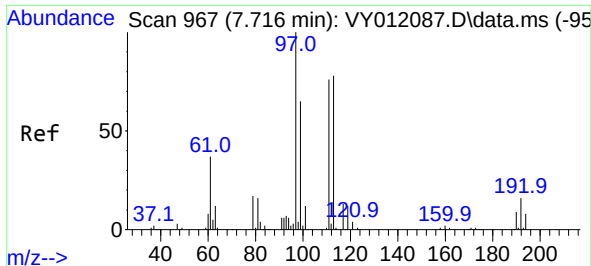
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

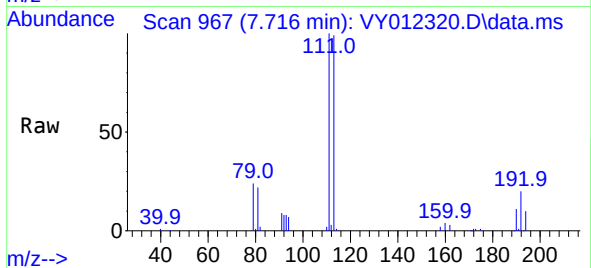
88 16.2 0.0 32.2





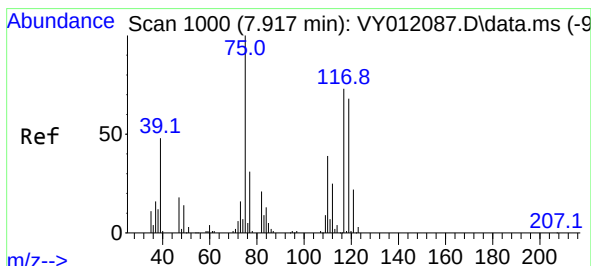
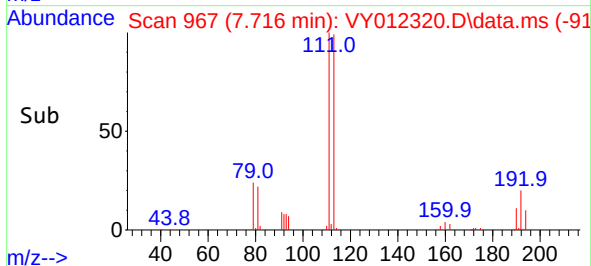
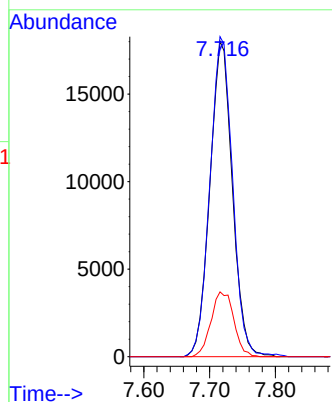
#35
 Dibromofluoromethane
 Concen: 53.632 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012320.D
 Acq: 23 Jan 2023 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:113 Resp: 42710

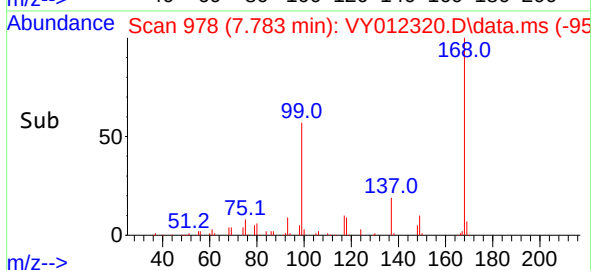
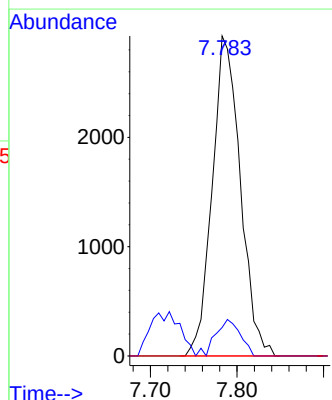
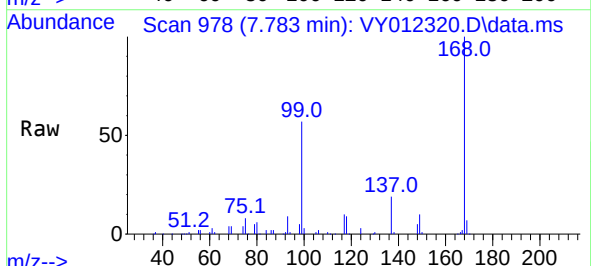
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.4
192	20.9	16.0	24.0

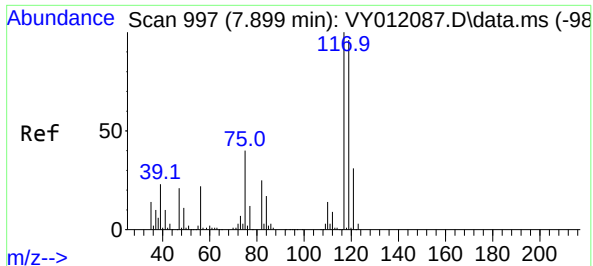


#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.134 min
 Lab File: VY012320.D
 Acq: 23 Jan 2023 17:45

Tgt Ion: 75 Resp: 6587

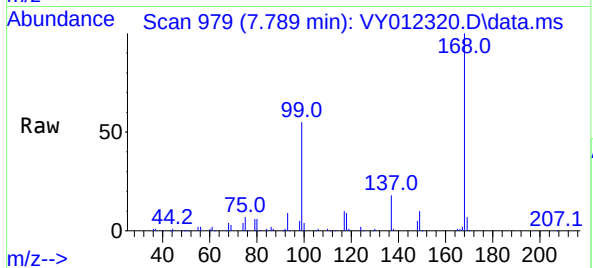
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.0	25.1	37.7#



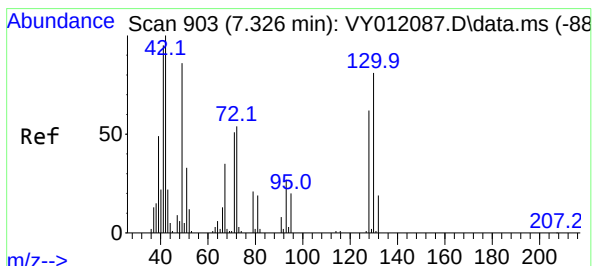
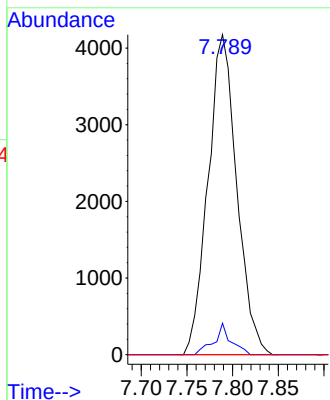
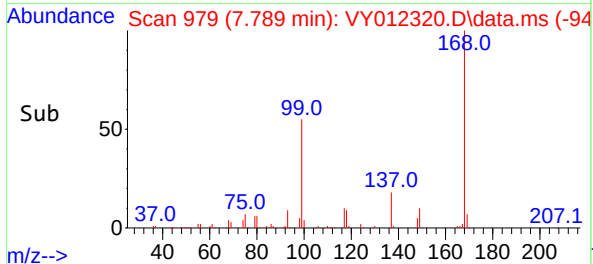


#38
Carbon Tetrachloride
Concen: 5.234 ug/l
RT: 7.789 min Scan# 9149
Delta R.T. -0.110 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

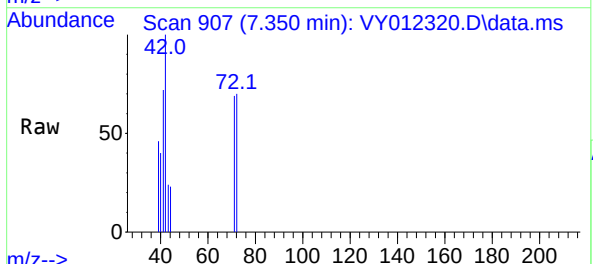
Instrument :
MSVOA_Y
ClientSampleId :



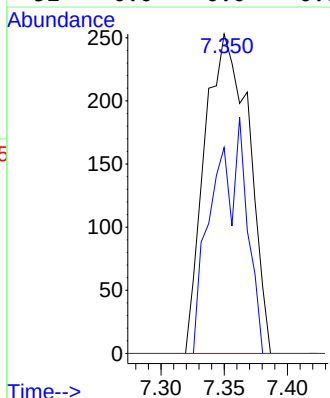
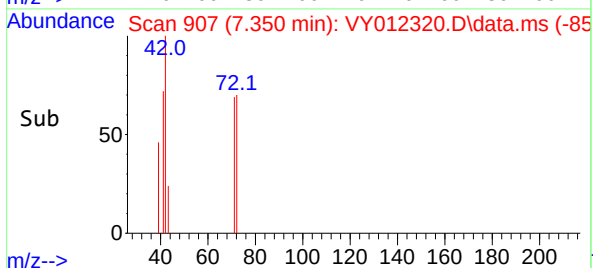
Tgt Ion:117 Resp: 9149
Ion Ratio Lower Upper
117 100
119 9.9 73.8 110.8#
121 0.0 25.2 37.8#

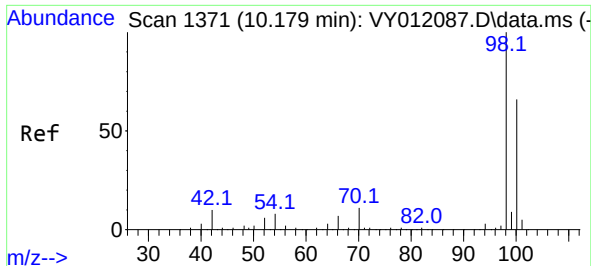


#41
Methacrylonitrile
Concen: 1.748 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45



Tgt Ion: 41 Resp: 613
Ion Ratio Lower Upper
41 100
39 56.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

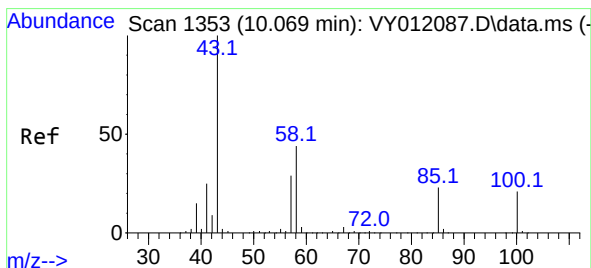
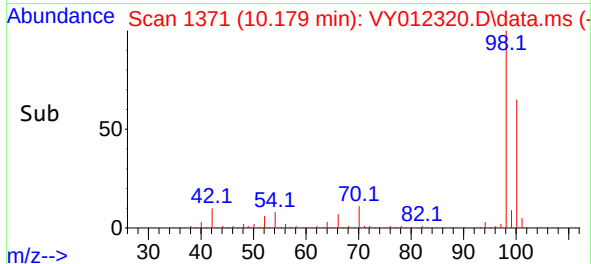
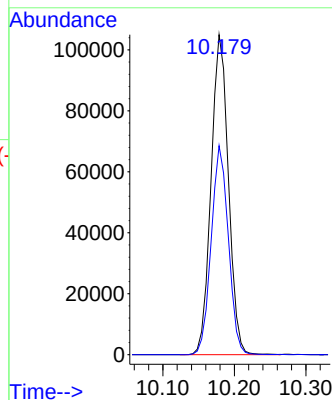
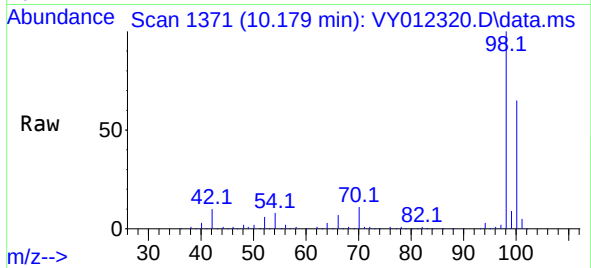




#50
Toluene-d8
Concen: 65.361 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

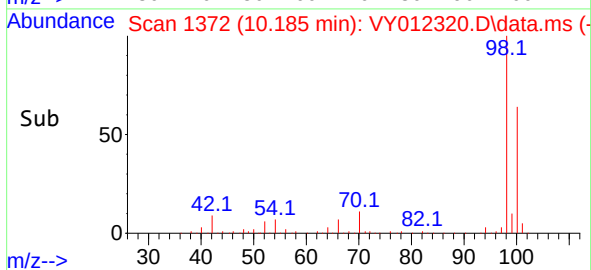
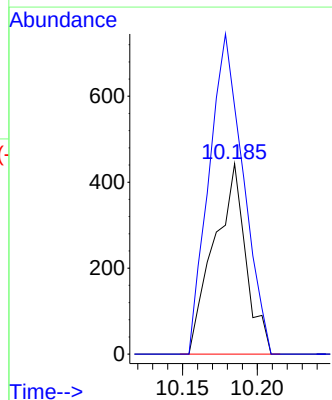
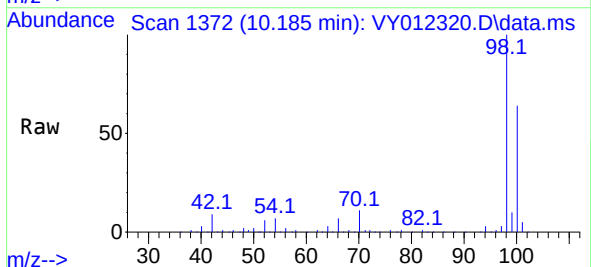
Instrument :
MSVOA_Y
ClientSampleId :

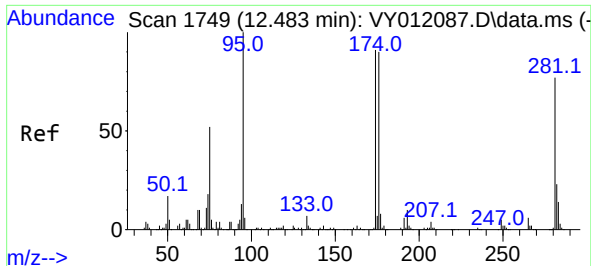
Tgt Ion: 98 Resp: 176673
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.108 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

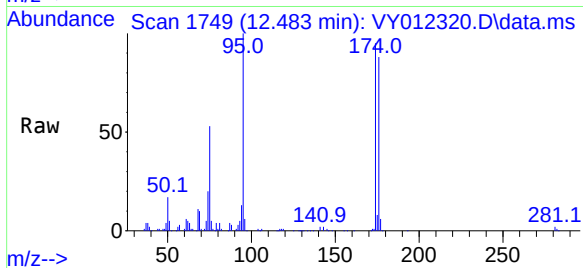
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Ion Ratio Lower Upper
43 100
58 180.8 32.9 49.3#



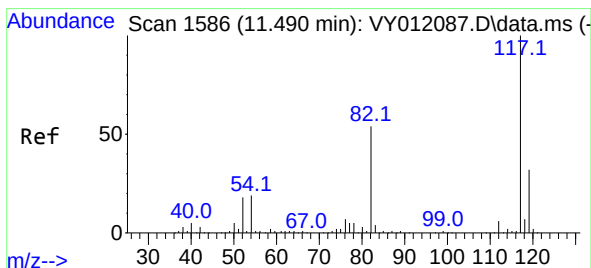
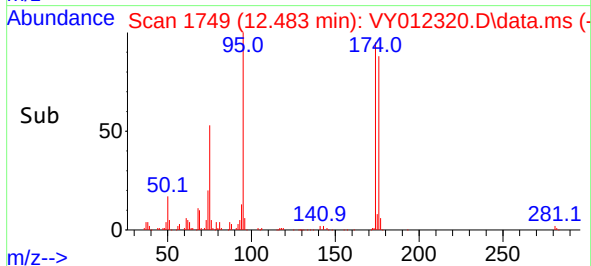
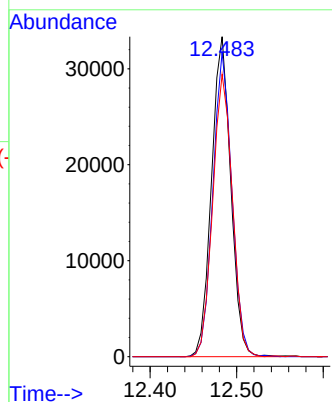


#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Instrument :
MSVOA_Y
ClientSampleId :

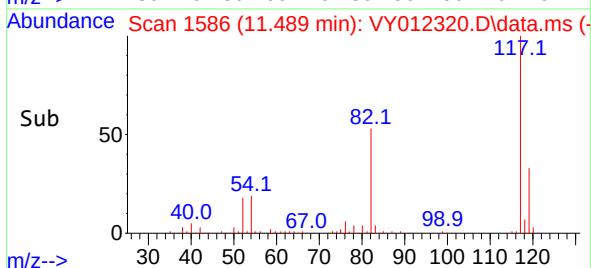
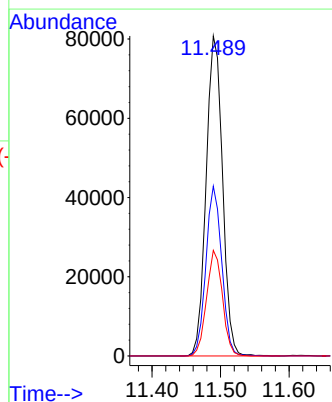
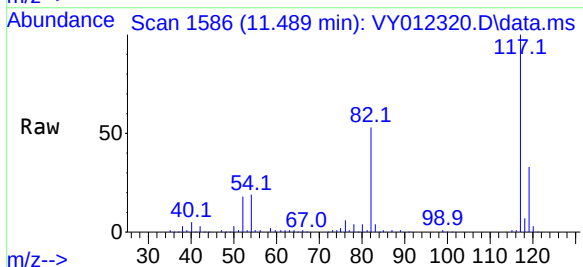


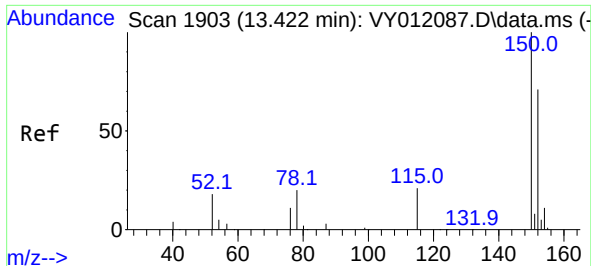
Tgt Ion: 95 Resp: 51442
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 90.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012320.D
Acq: 23 Jan 2023 17:45

Tgt Ion: 117 Resp: 134472
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 33.0 25.4 38.2

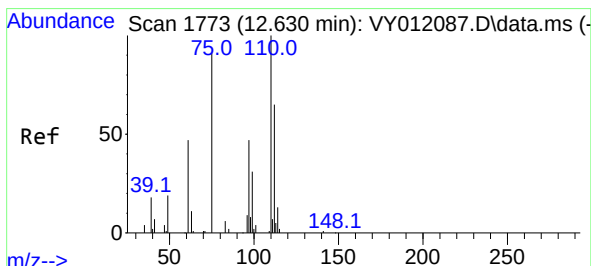
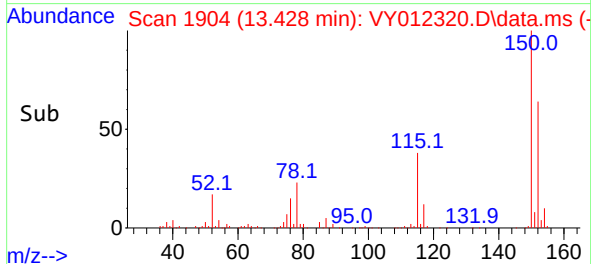
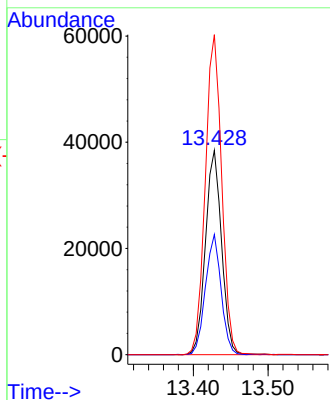
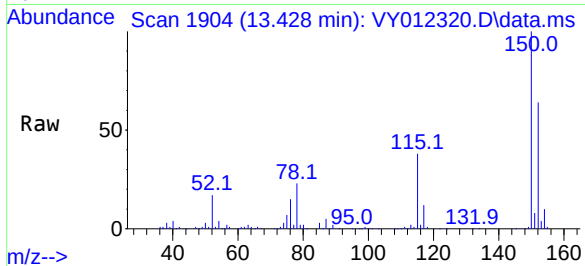




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY012320.D
 Acq: 23 Jan 2023 17:45

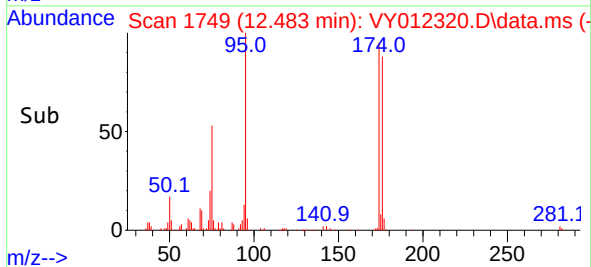
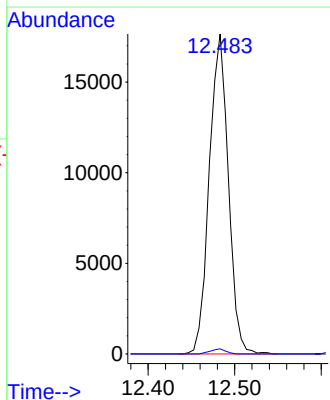
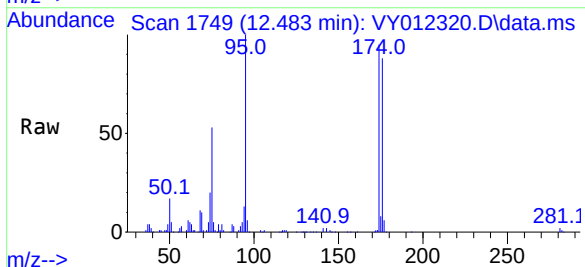
Instrument :
 MSVOA_Y
 ClientSampleId :

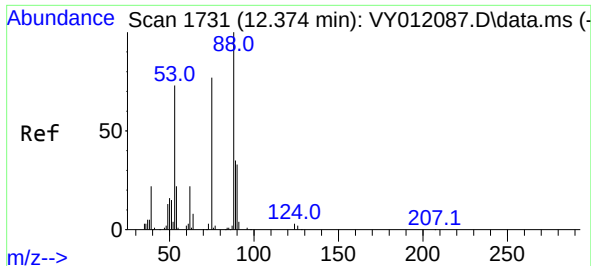
Tgt Ion:152 Resp: 57591
 Ion Ratio Lower Upper
 152 100
 115 57.2 29.1 87.3
 150 159.3 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 50.898 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012320.D
 Acq: 23 Jan 2023 17:45

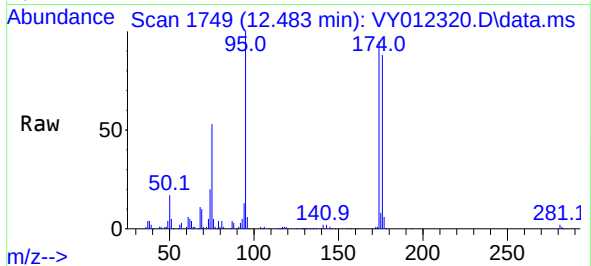
Tgt Ion: 75 Resp: 26954
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.872 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012320.D
 Acq: 23 Jan 2023 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 26954
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

