

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012340.D
 Acq On : 24 Jan 2023 14:28
 Operator : KP/MD
 Sample : 01260-04
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

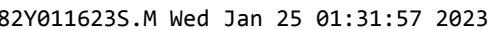
Quant Time: Jan 25 01:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

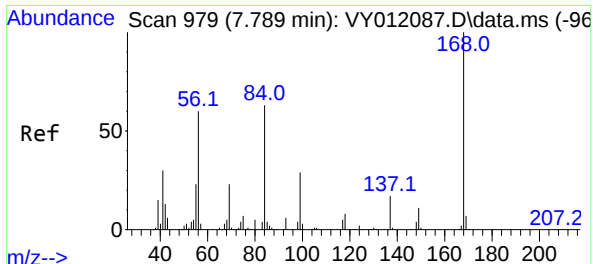
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	156043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98135	78.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.160%	
35) Dibromofluoromethane	7.716	113	77812	56.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.340%	
50) Toluene-d8	10.179	98	313349	66.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.460%	
62) 4-Bromofluorobenzene	12.483	95	105244	53.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	562	Below Cal	#	74
16) Acetone	3.954	43	6699	15.417	ug/l	92
20) Methylene Chloride	4.722	84	8398	Below Cal	#	82
25) 2-Butanone	6.996	43	2663	5.551	ug/l	# 76
31) Cyclohexane	7.789	56	2932	1.289	ug/l	# 23
36) 1,1-Dichloropropene	7.789	75	10911	4.634	ug/l	# 50
37) Ethyl Acetate	6.996	43	2663	2.566	ug/l	# 78
38) Carbon Tetrachloride	7.789	117	15628	5.140	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	58112	51.243	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58112	105.582	ug/l	# 13

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

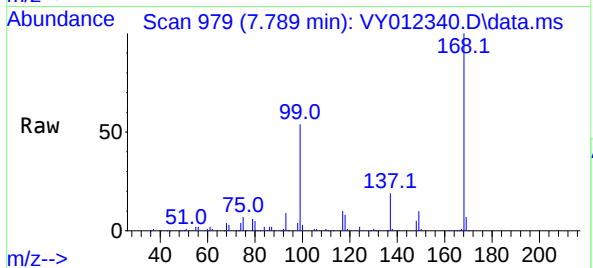
Quant Time: Jan 25 01:31:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



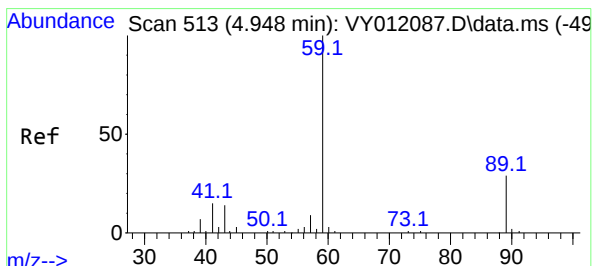
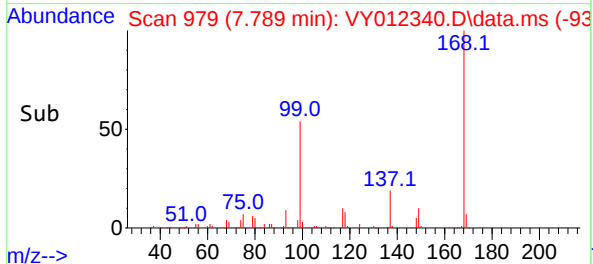
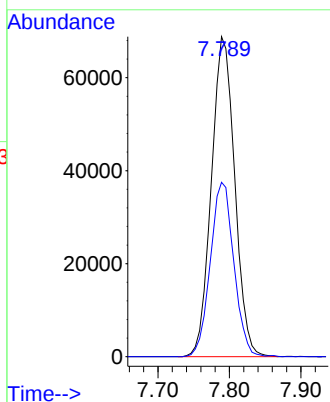


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

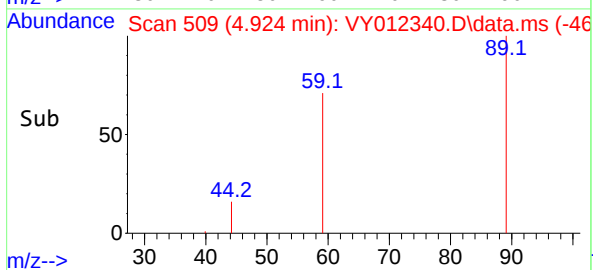
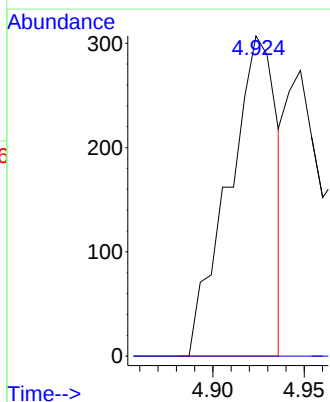
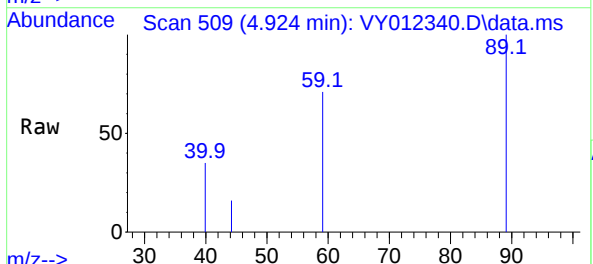


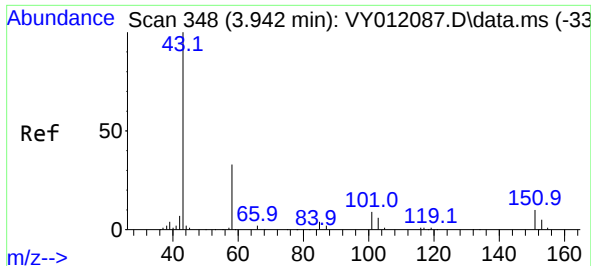
Tgt Ion:168 Resp: 156043
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

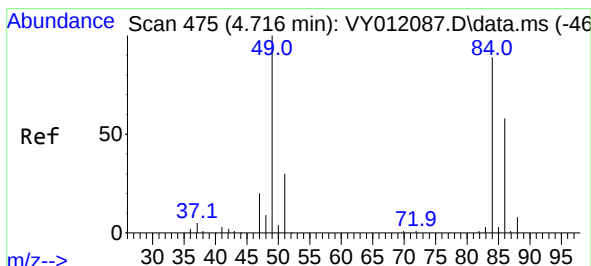
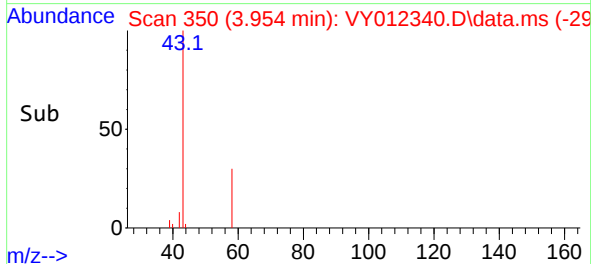
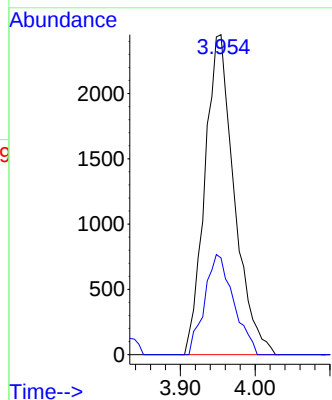
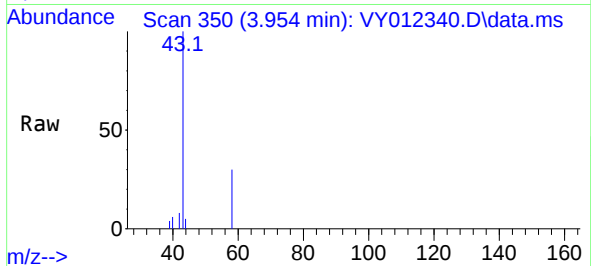




#16
Acetone
Concen: 15.417 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

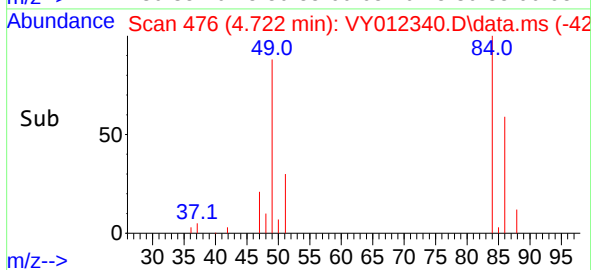
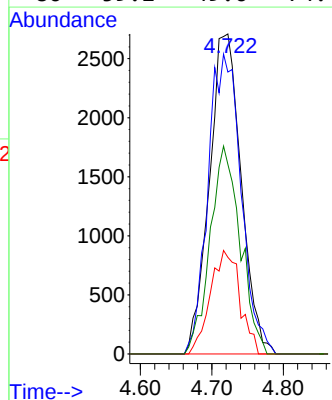
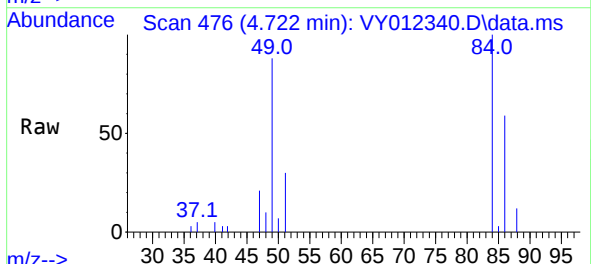
Instrument :
MSVOA_Y
ClientSampleId :

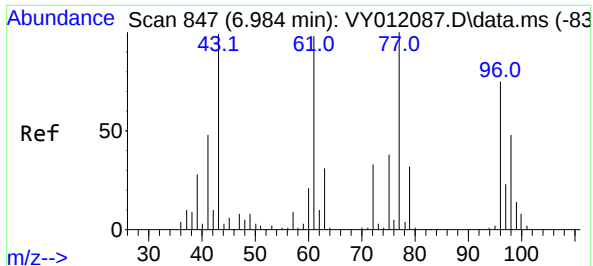
Tgt Ion: 43 Resp: 6699
Ion Ratio Lower Upper
43 100
58 30.2 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 84 Resp: 8398
Ion Ratio Lower Upper
84 100
49 88.1 95.4 143.2#
51 30.2 29.9 44.9
86 59.2 49.6 74.4





#25

2-Butanone

Concen: 5.551 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY012340.D

Acq: 24 Jan 2023 14:28

Instrument :

MSVOA_Y

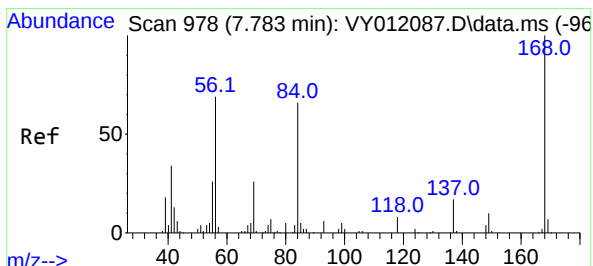
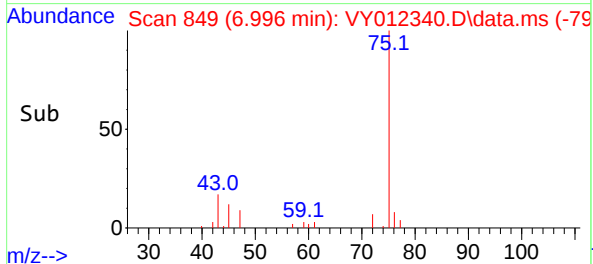
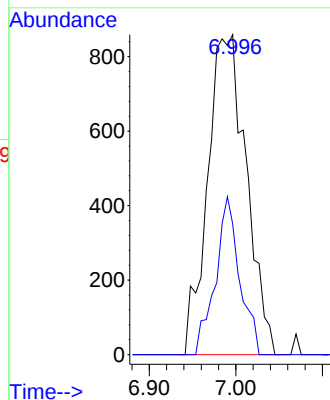
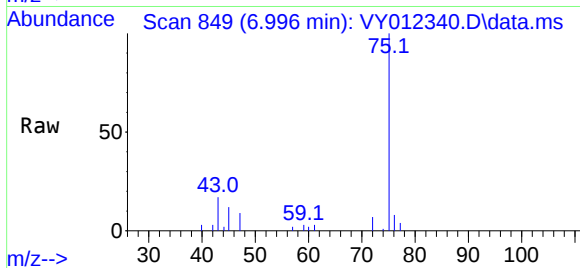
ClientSampleId :

Tgt Ion: 43 Resp: 2663

Ion Ratio Lower Upper

43 100

72 40.9 22.6 34.0#



#31

Cyclohexane

Concen: 1.289 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012340.D

Acq: 24 Jan 2023 14:28

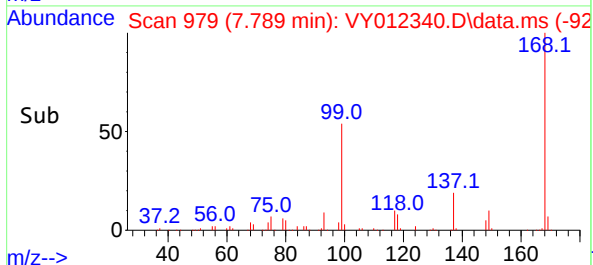
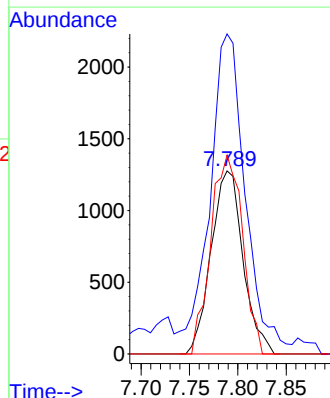
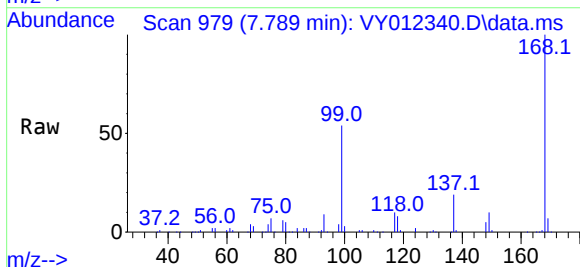
Tgt Ion: 56 Resp: 2932

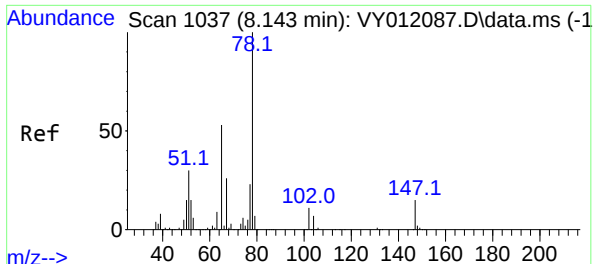
Ion Ratio Lower Upper

56 100

69 167.3 29.2 43.8#

84 108.7 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 78.081 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012340.D

Acq: 24 Jan 2023 14:28

Instrument :

MSVOA_Y

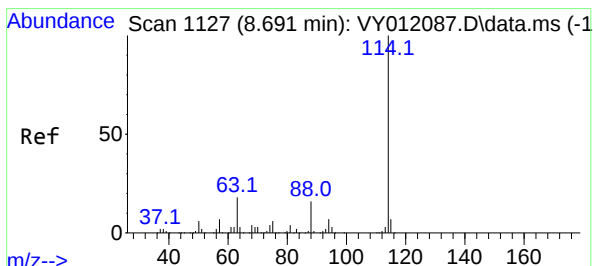
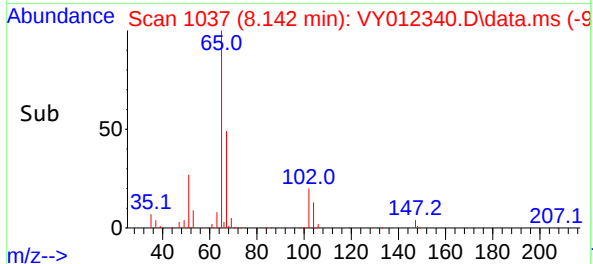
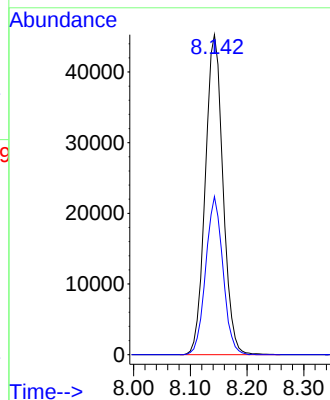
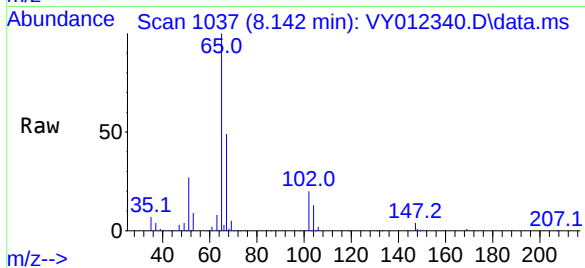
ClientSampleId :

Tgt Ion: 65 Resp: 98135

Ion Ratio Lower Upper

65 100

67 48.1 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: VY012340.D

Acq: 24 Jan 2023 14:28

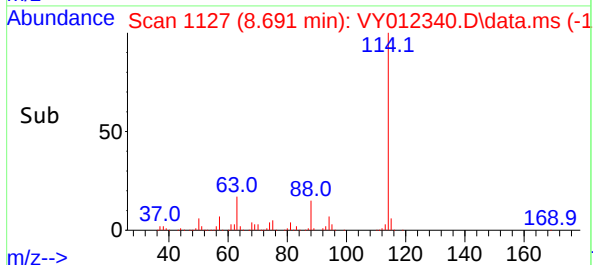
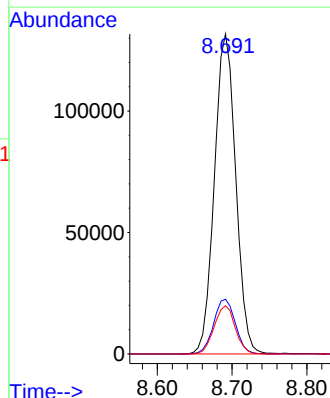
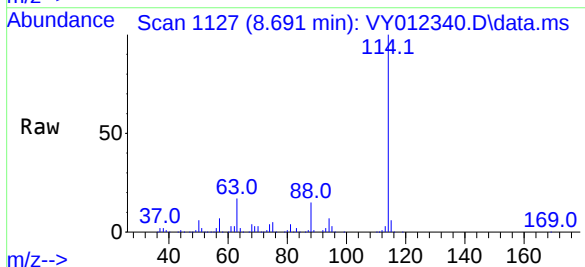
Tgt Ion: 114 Resp: 261632

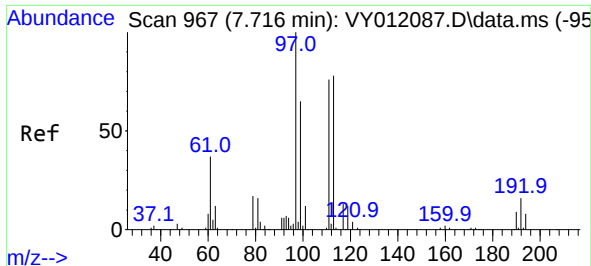
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

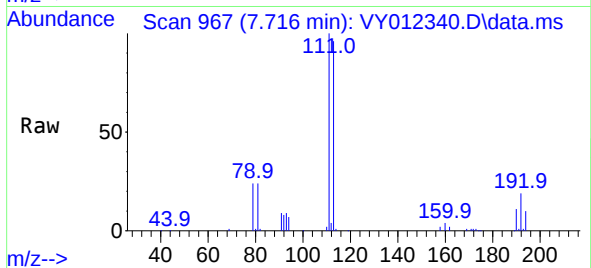
88 15.0 0.0 32.2





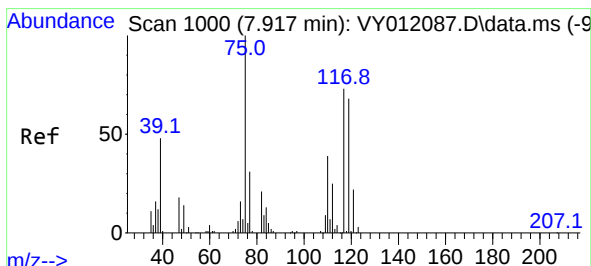
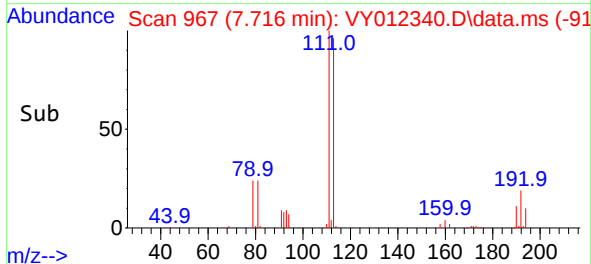
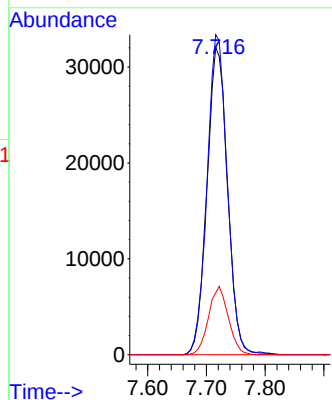
#35
Dibromofluoromethane
Concen: 56.168 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:113 Resp: 77812

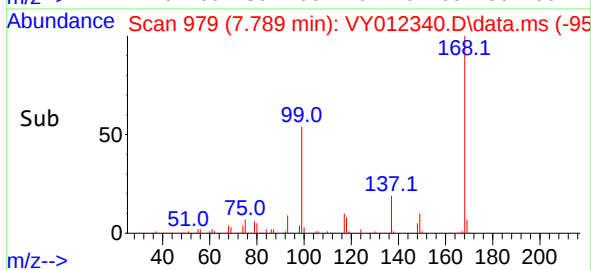
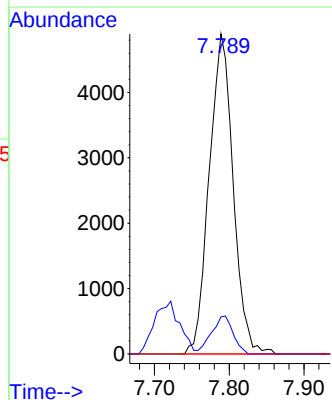
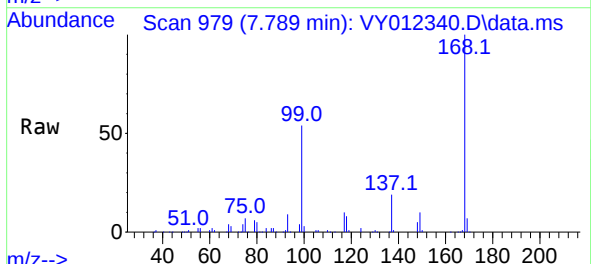
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	21.4	16.0	24.0

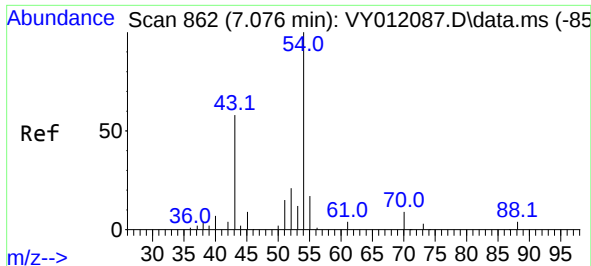


#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 75 Resp: 10911

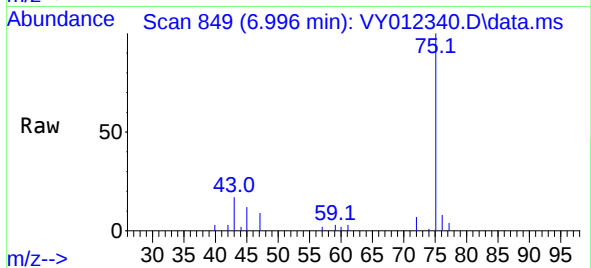
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.1#
77	0.0	25.1	37.7#





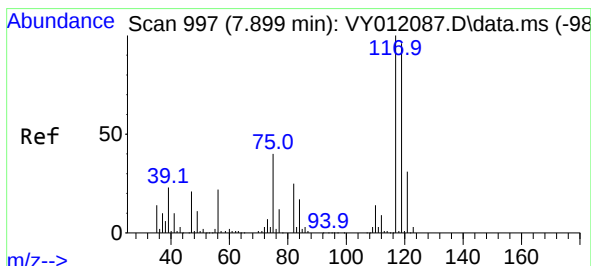
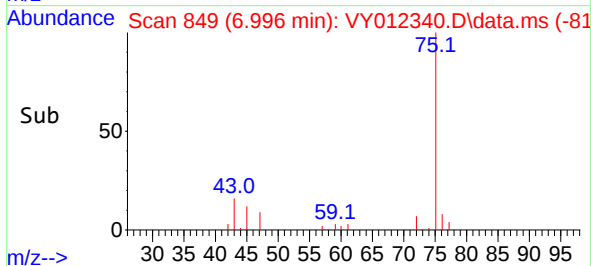
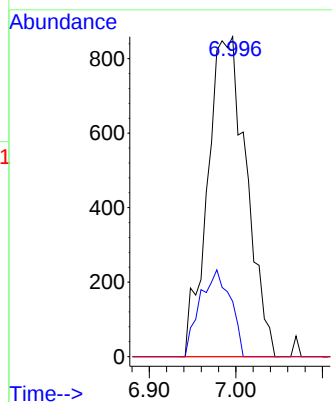
#37
Ethyl Acetate
Concen: 2.566 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.080 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 2663

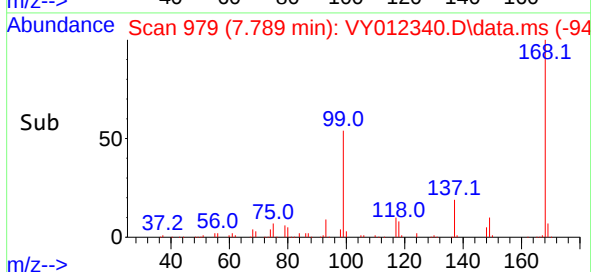
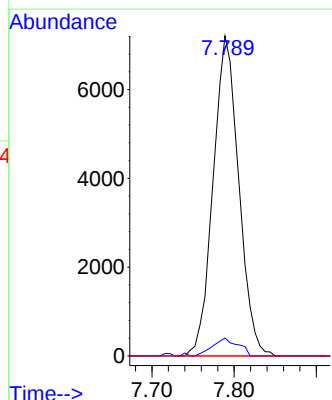
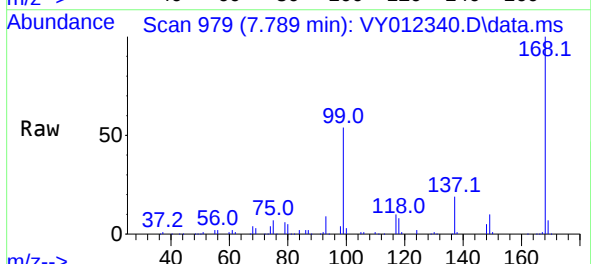
Ion	Ratio	Lower	Upper
43	100		
61	21.4	11.3	16.9#
70	0.0	8.2	12.4#

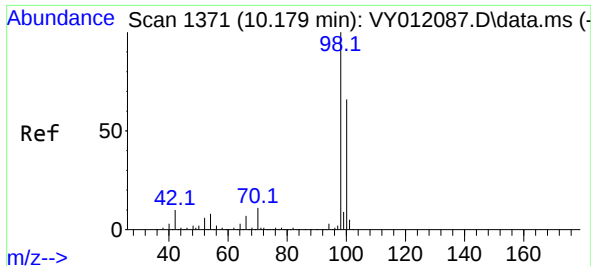


#38
Carbon Tetrachloride
Concen: 5.140 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 117 Resp: 15628

Ion	Ratio	Lower	Upper
117	100		
119	5.6	73.8	110.8#
121	0.0	25.2	37.8#

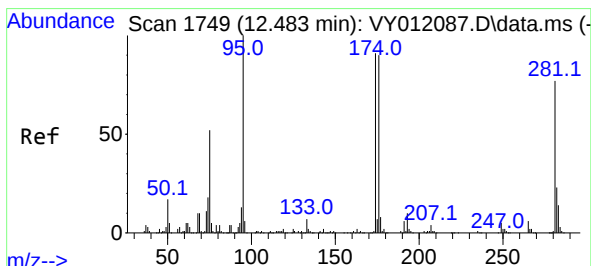
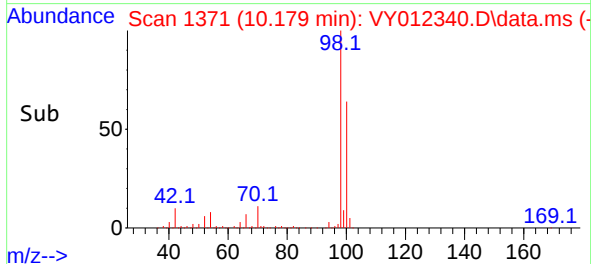
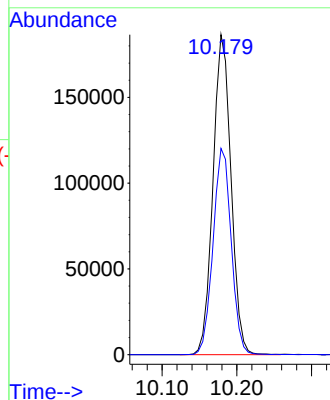
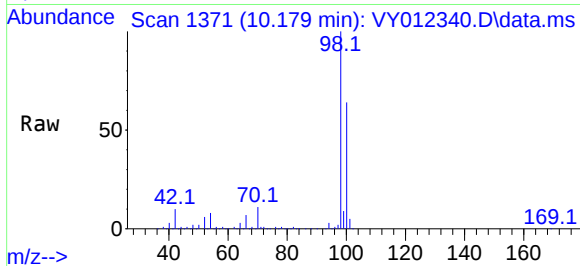




#50
Toluene-d8
Concen: 66.731 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

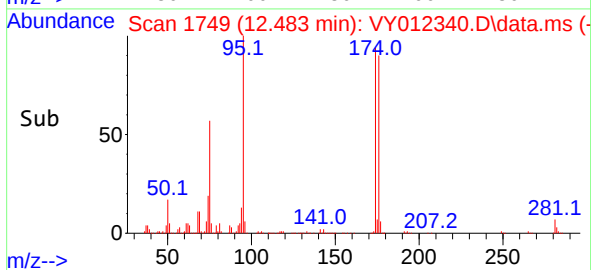
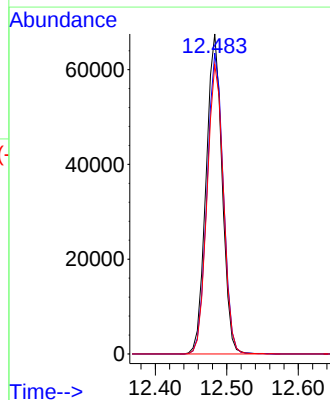
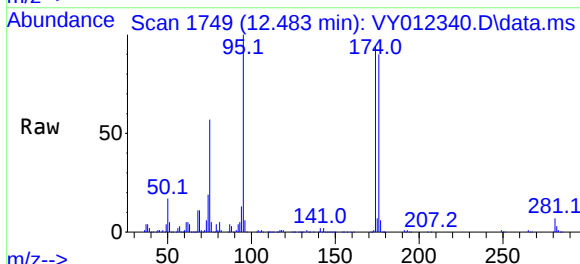
Instrument :
MSVOA_Y
ClientSampleId :

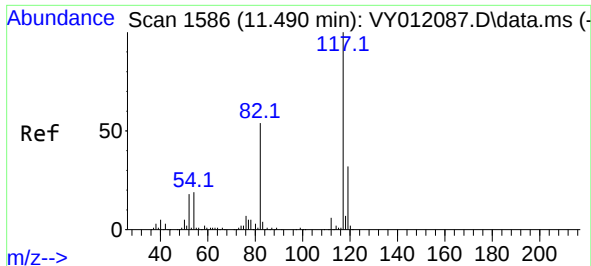
Tgt Ion: 98 Resp: 313349
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.891 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

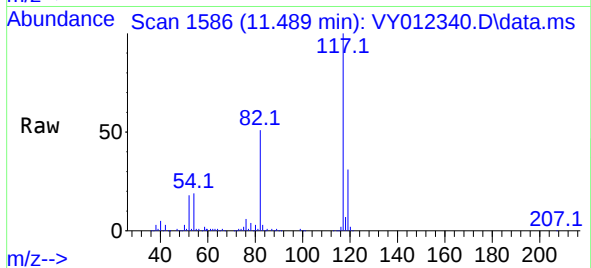
Tgt Ion: 95 Resp: 105244
Ion Ratio Lower Upper
95 100
174 95.2 0.0 172.0
176 91.9 0.0 167.6



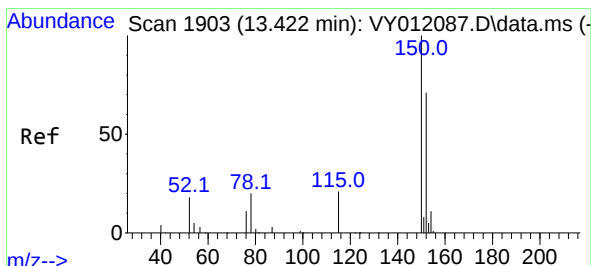
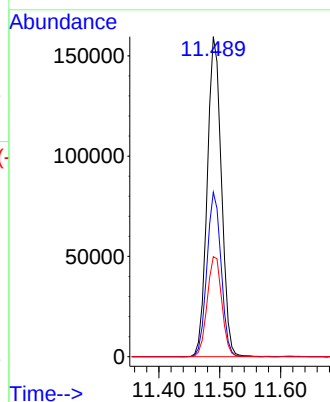
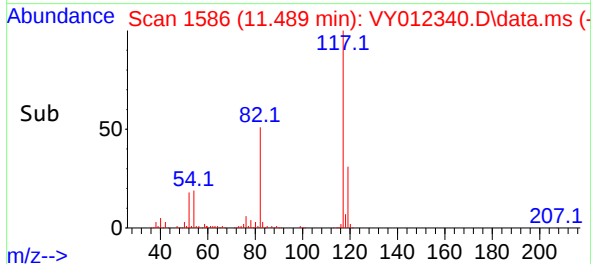


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

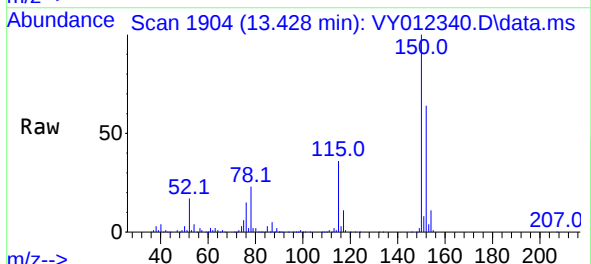
Instrument :
MSVOA_Y
ClientSampleId :



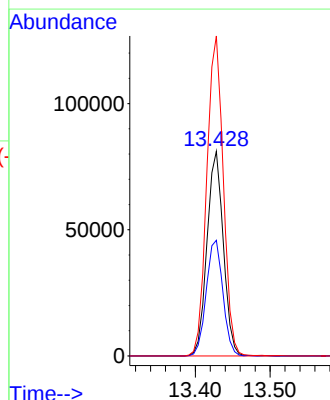
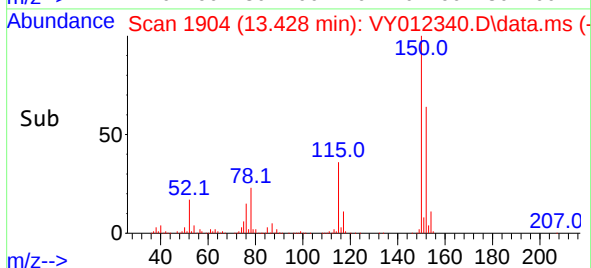
Tgt Ion:117 Resp: 258150
Ion Ratio Lower Upper
117 100
82 51.4 44.8 67.2
119 31.3 25.4 38.2

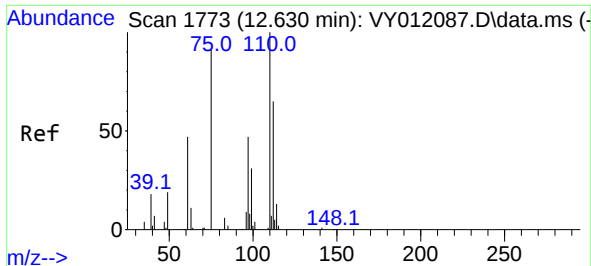


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28



Tgt Ion:152 Resp: 123329
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 157.7 0.0 342.6

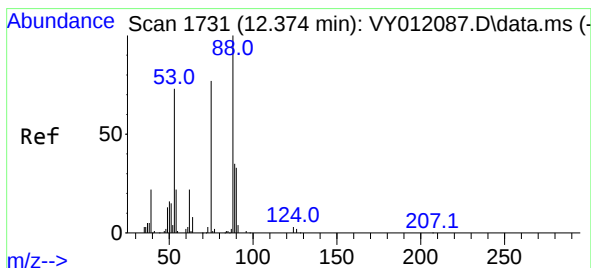
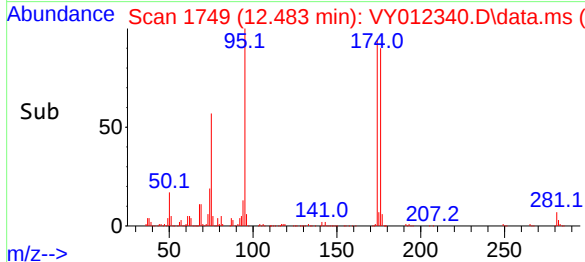
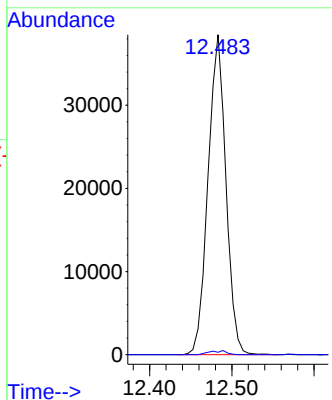
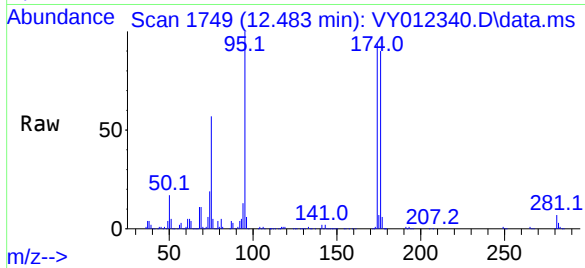




#76
1,2,3-Trichloropropane
Concen: 51.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58112
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.582 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012340.D
Acq: 24 Jan 2023 14:28

Tgt Ion: 75 Resp: 58112
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.1 37.0 55.4#

