

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016968.D
 Acq On : 10 Jan 2024 13:16
 Operator : SY/MD
 Sample : P1085-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 11 00:11:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

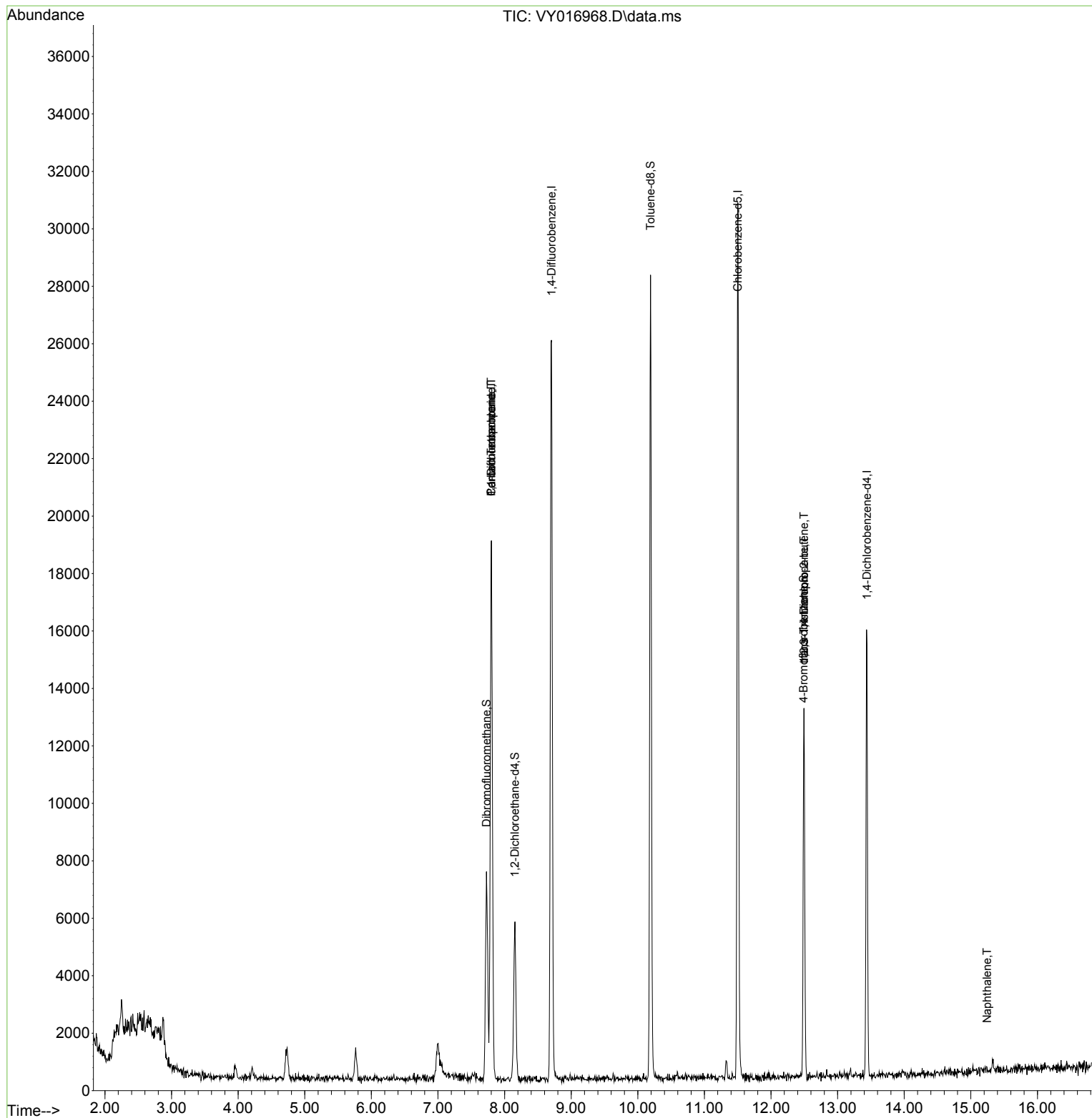
Internal Standards						
1) Pentafluorobenzene	7.801	168	14484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	23906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	16967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	4304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4472	31.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.480%
35) Dibromofluoromethane	7.728	113	5271	34.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.200%
50) Toluene-d8	10.191	98	18964	36.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.300%
62) 4-Bromofluorobenzene	12.489	95	3915	22.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.240%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	714	Below Cal		97
20) Methylene Chloride	4.728	84	830	Below Cal		87
25) 2-Butanone	7.015	43	42	Below Cal	#	48
36) 1,1-Dichloropropene	7.801	75	1201	5.410	ug/l #	42
38) Carbon Tetrachloride	7.801	117	1513	6.708	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	2014	43.121	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	2014	97.916	ug/l #	12
95) Naphthalene	15.245	128	59	1.074	ug/l #	69

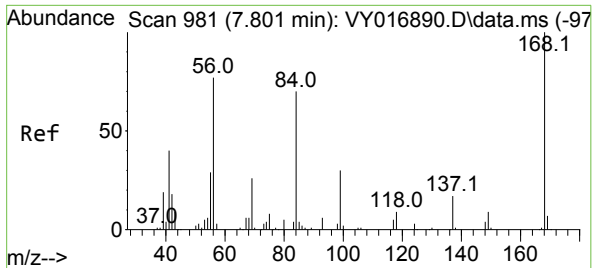
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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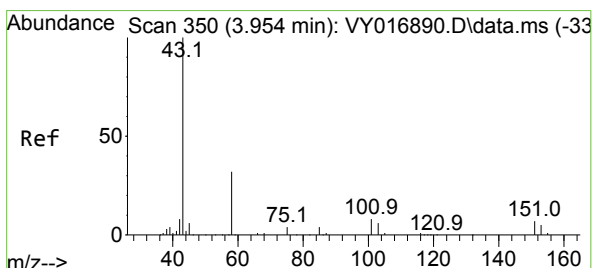
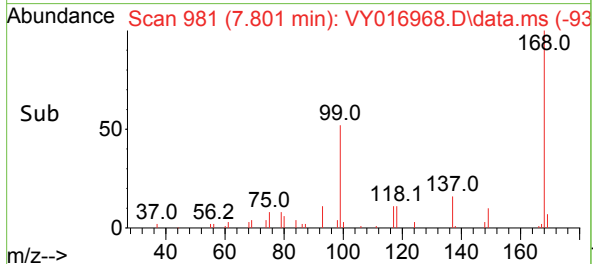
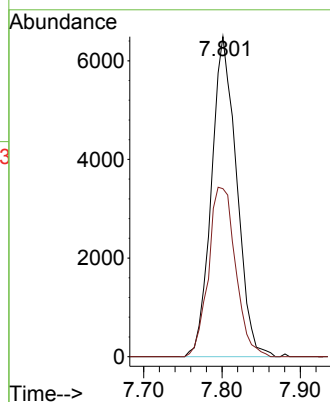
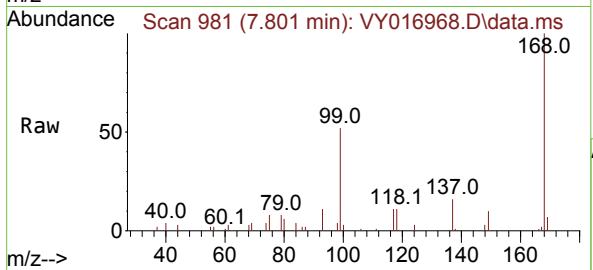




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

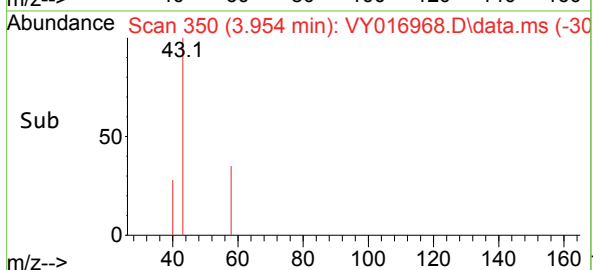
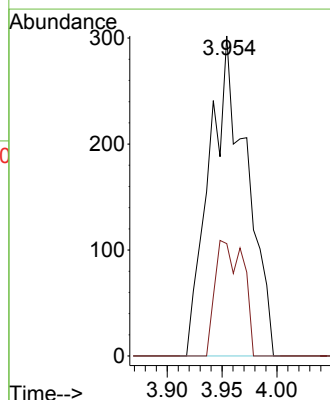
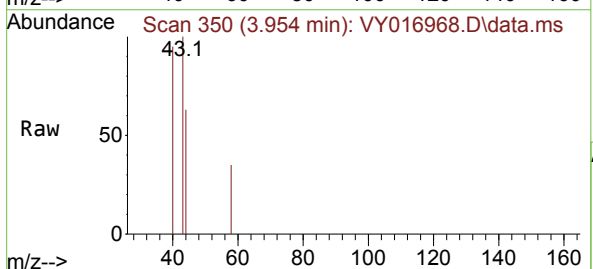
Instrument :
MSVOA_Y
ClientSampleId :

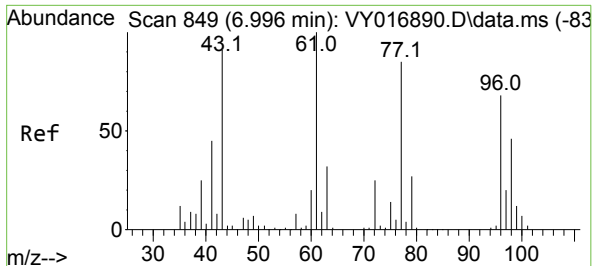
Tgt Ion:168 Resp: 14484
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

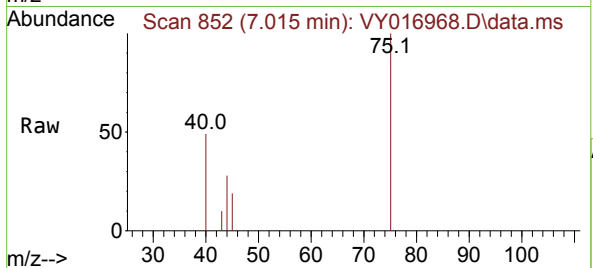
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
58 35.1 26.6 39.8



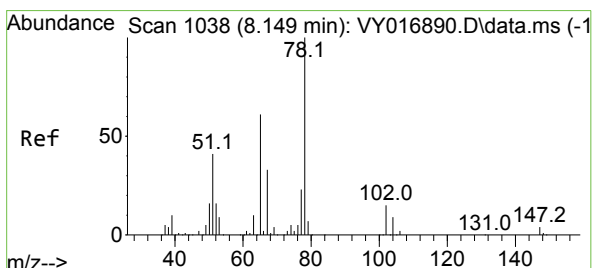
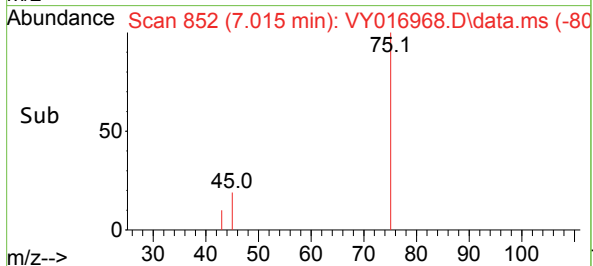
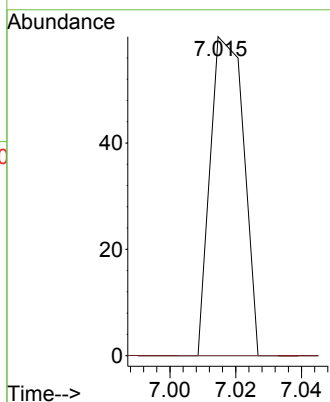


#25
2-Butanone
Concen: Below Cal
RT: 7.015 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

Instrument :
MSVOA_Y
ClientSampleId :

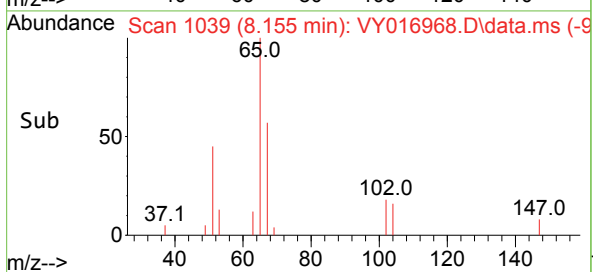
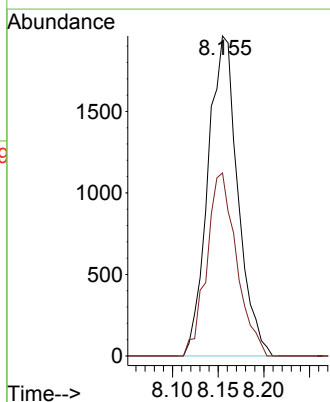
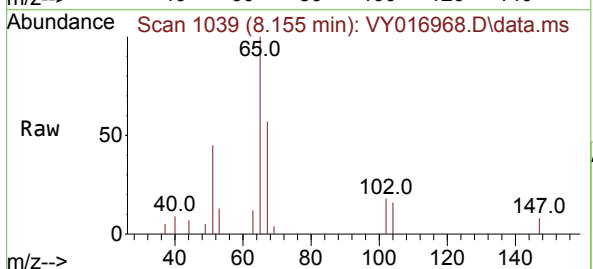


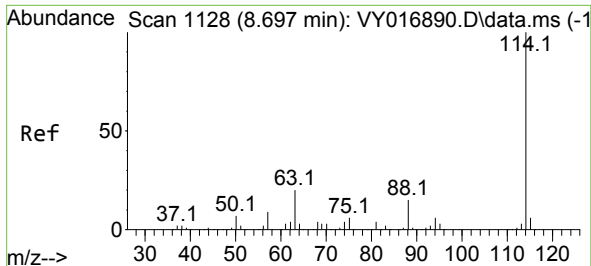
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#33
1,2-Dichloroethane-d4
Concen: 31.239 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

Tgt Ion: 65 Resp: 4472
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016968.D

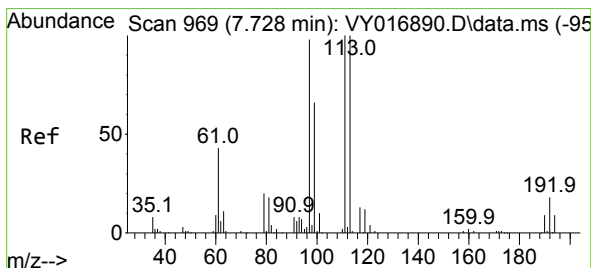
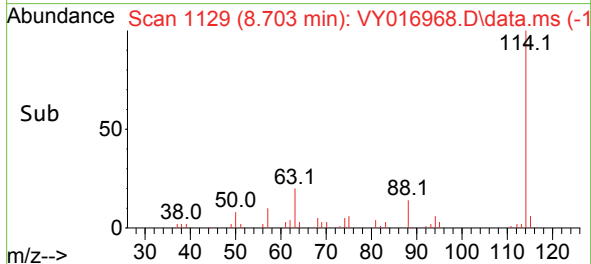
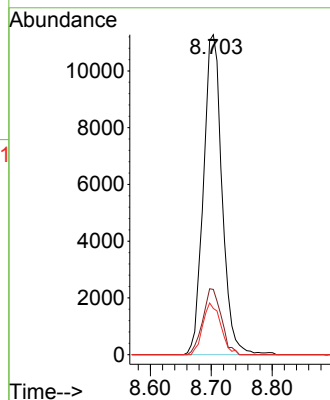
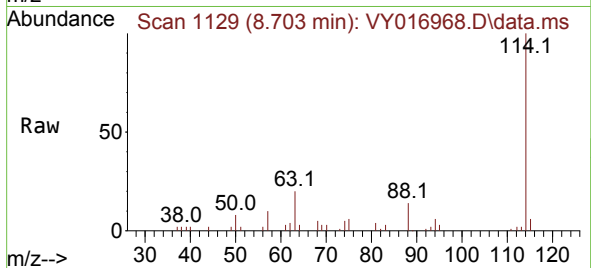
Acq: 10 Jan 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	23906
Ion Ratio	Lower	Upper
114	100	
63	20.4	0.0 37.4
88	14.4	0.0 29.0



#35

Dibromofluoromethane

Concen: 34.601 ug/l

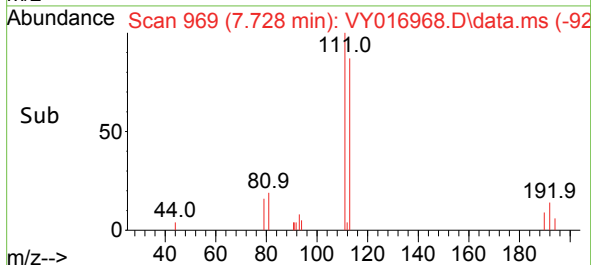
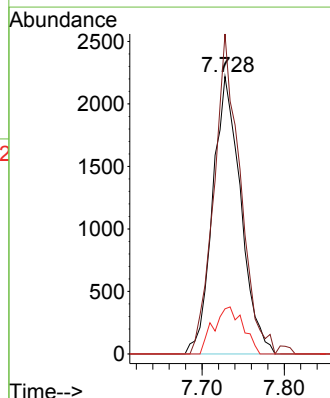
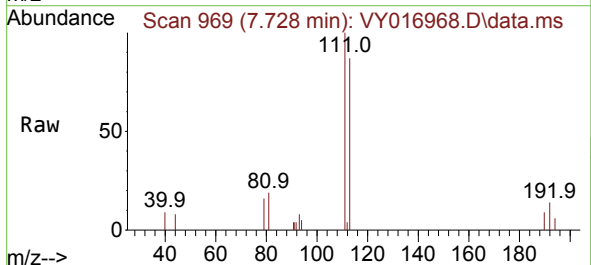
RT: 7.728 min Scan# 969

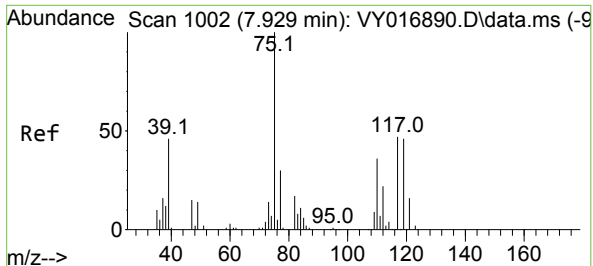
Delta R.T. -0.000 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

Tgt Ion:113	Resp:	5271
Ion Ratio	Lower	Upper
113	100	
111	108.5	83.8 125.6
192	17.8	14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.410 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

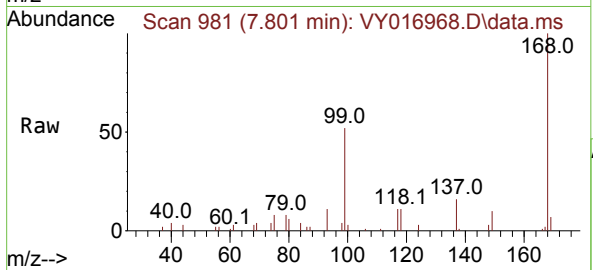
Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

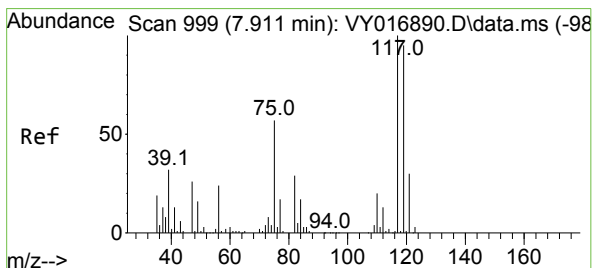
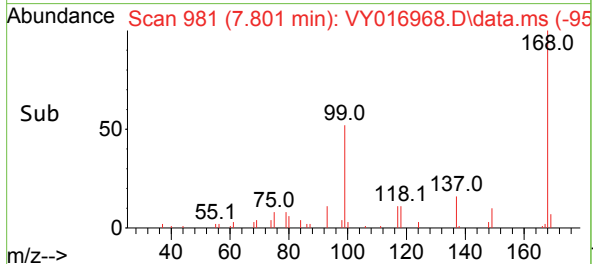
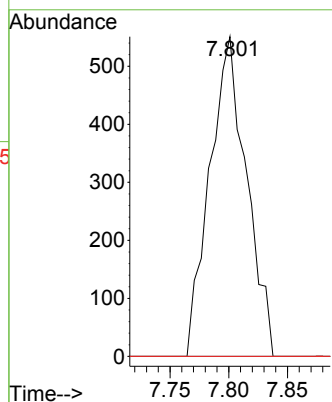
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 1201
Ion Ratio	Lower Upper
75	100
110	0.0 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.708 ug/l

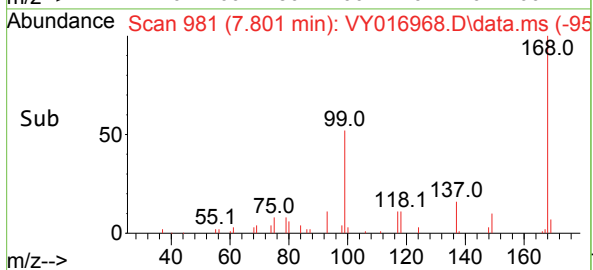
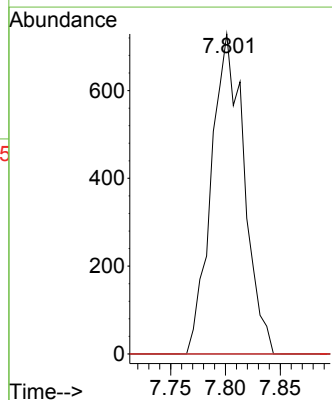
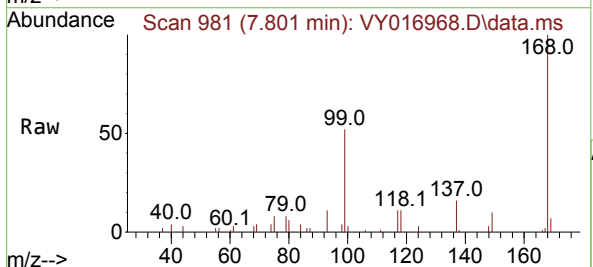
RT: 7.801 min Scan# 981

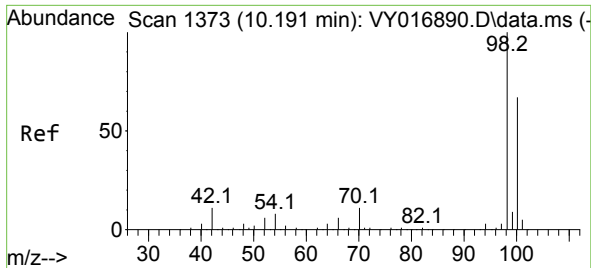
Delta R.T. -0.116 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

Tgt Ion: 117	Resp: 1513
Ion Ratio	Lower Upper
117	100
119	0.0 76.0 114.0#
121	0.0 24.2 36.2#

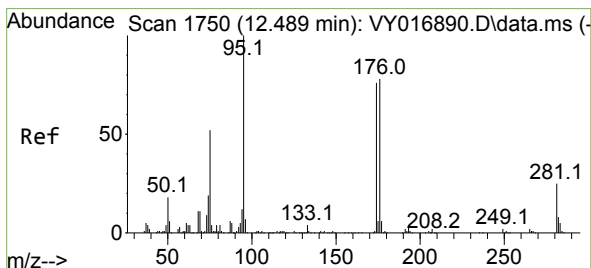
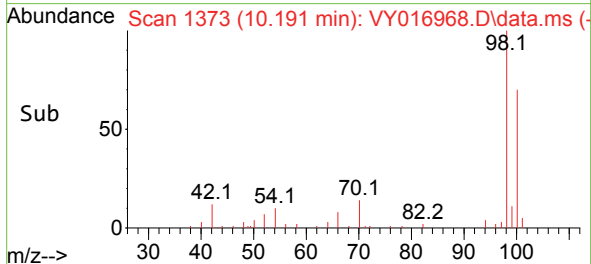
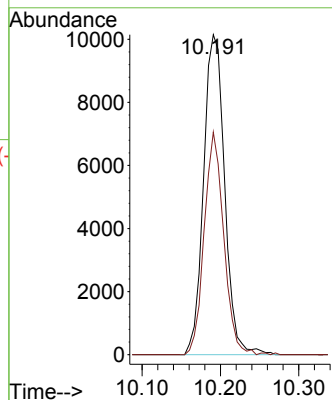
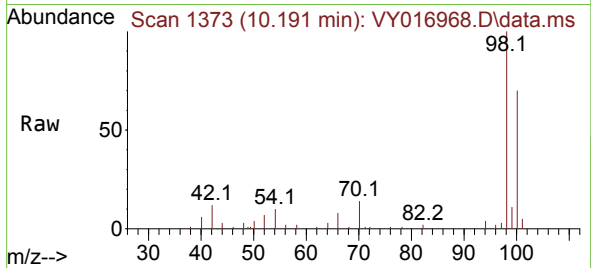




#50
Toluene-d8
Concen: 36.151 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

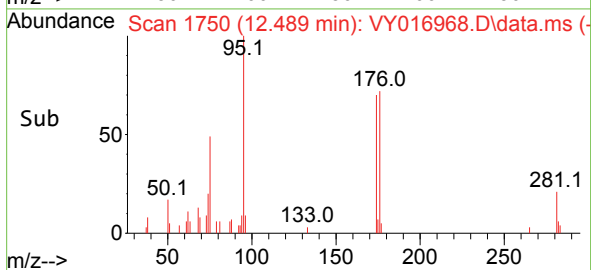
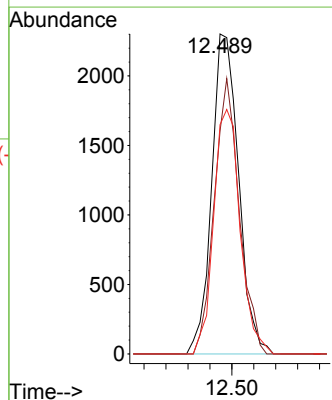
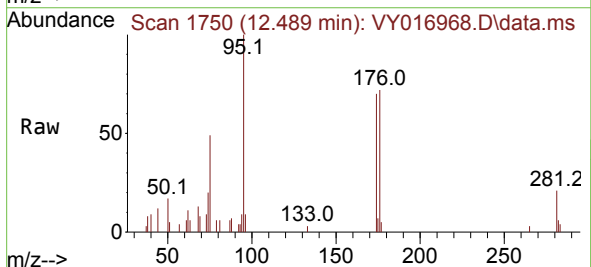
Instrument :
MSVOA_Y
ClientSampleId :

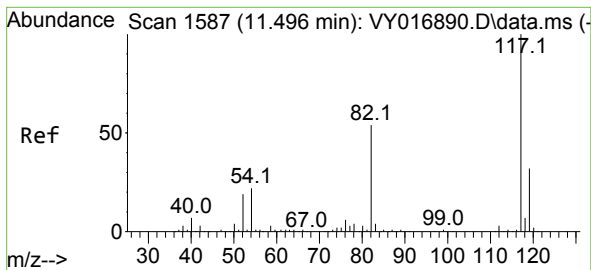
Tgt Ion: 98 Resp: 18964
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 22.120 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

Tgt Ion: 95 Resp: 3915
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 75.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

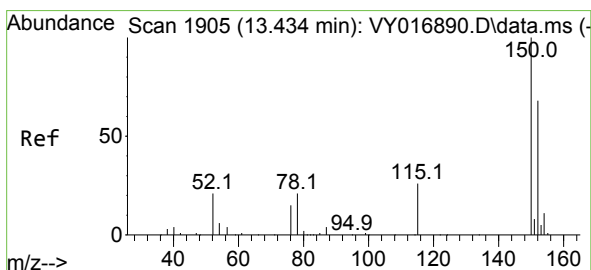
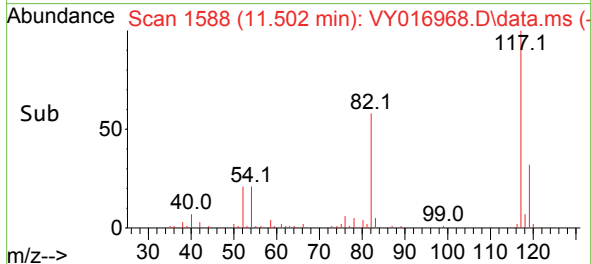
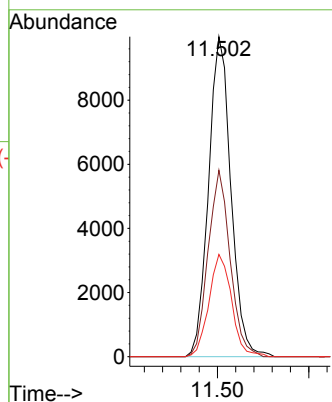
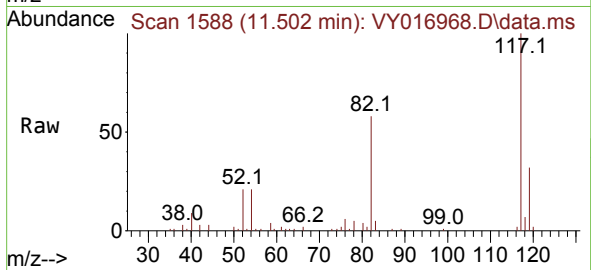
Tgt Ion:117 Resp: 16967

Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

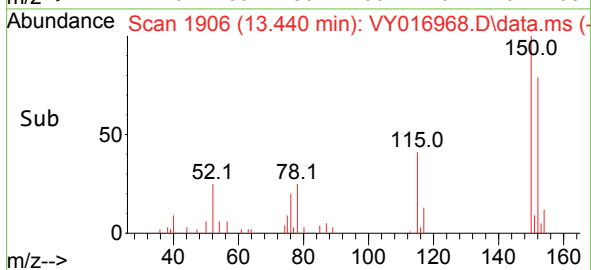
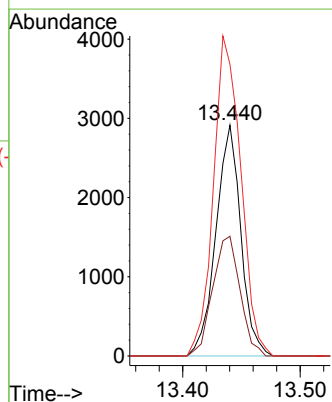
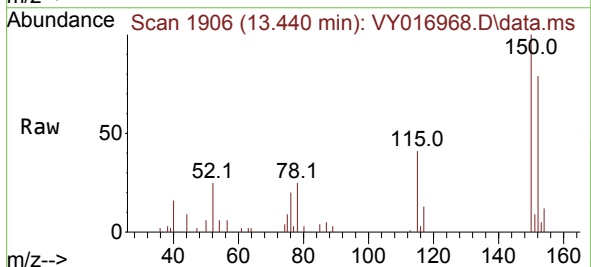
Tgt Ion:152 Resp: 4304

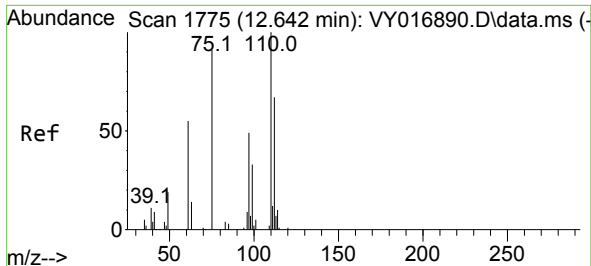
Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.0

150 151.9 0.0 344.6

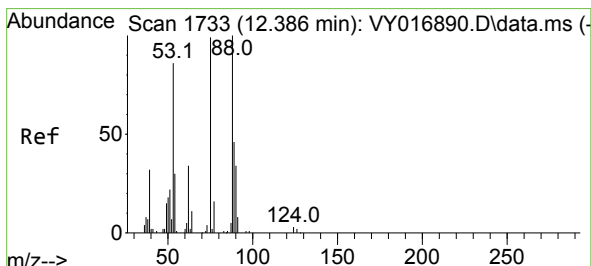
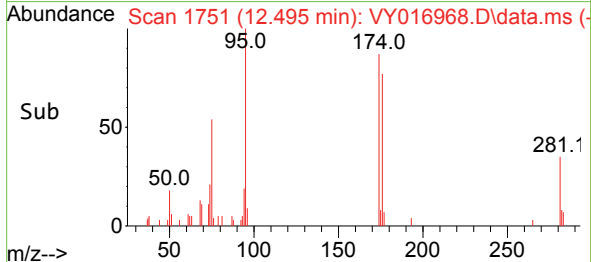
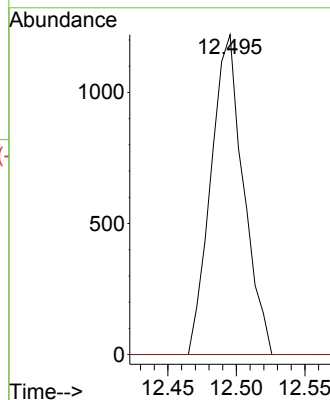
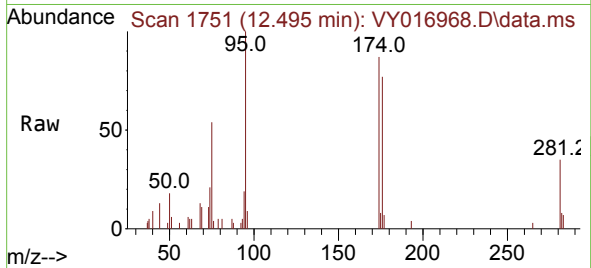




#76
1,2,3-Trichloropropane
Concen: 43.121 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

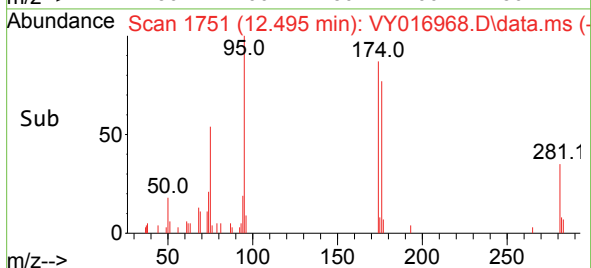
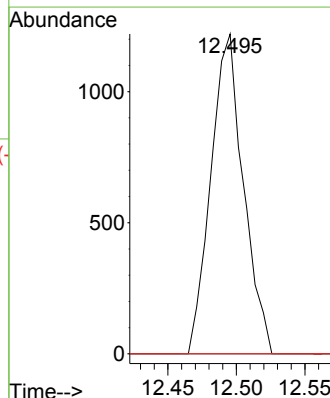
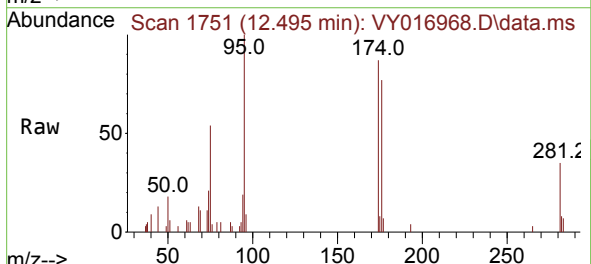
Instrument :
MSVOA_Y
ClientSampleId :

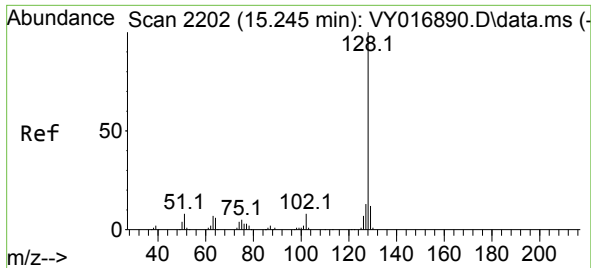
Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 97.916 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

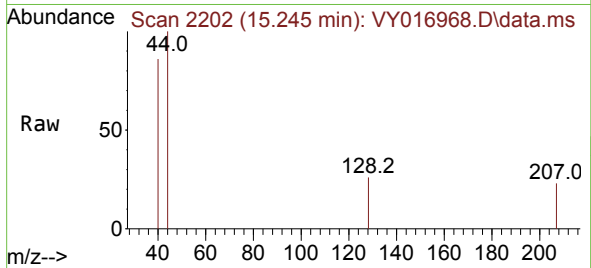
Tgt Ion: 75 Resp: 2014
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 1.074 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016968.D
 Acq: 10 Jan 2024 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	59
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

