

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
 Data File : VV030397.D
 Acq On : 05 Apr 2023 13:42
 Operator : SY/MD
 Sample : 02194-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDT9

Quant Time: Apr 06 05:26:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

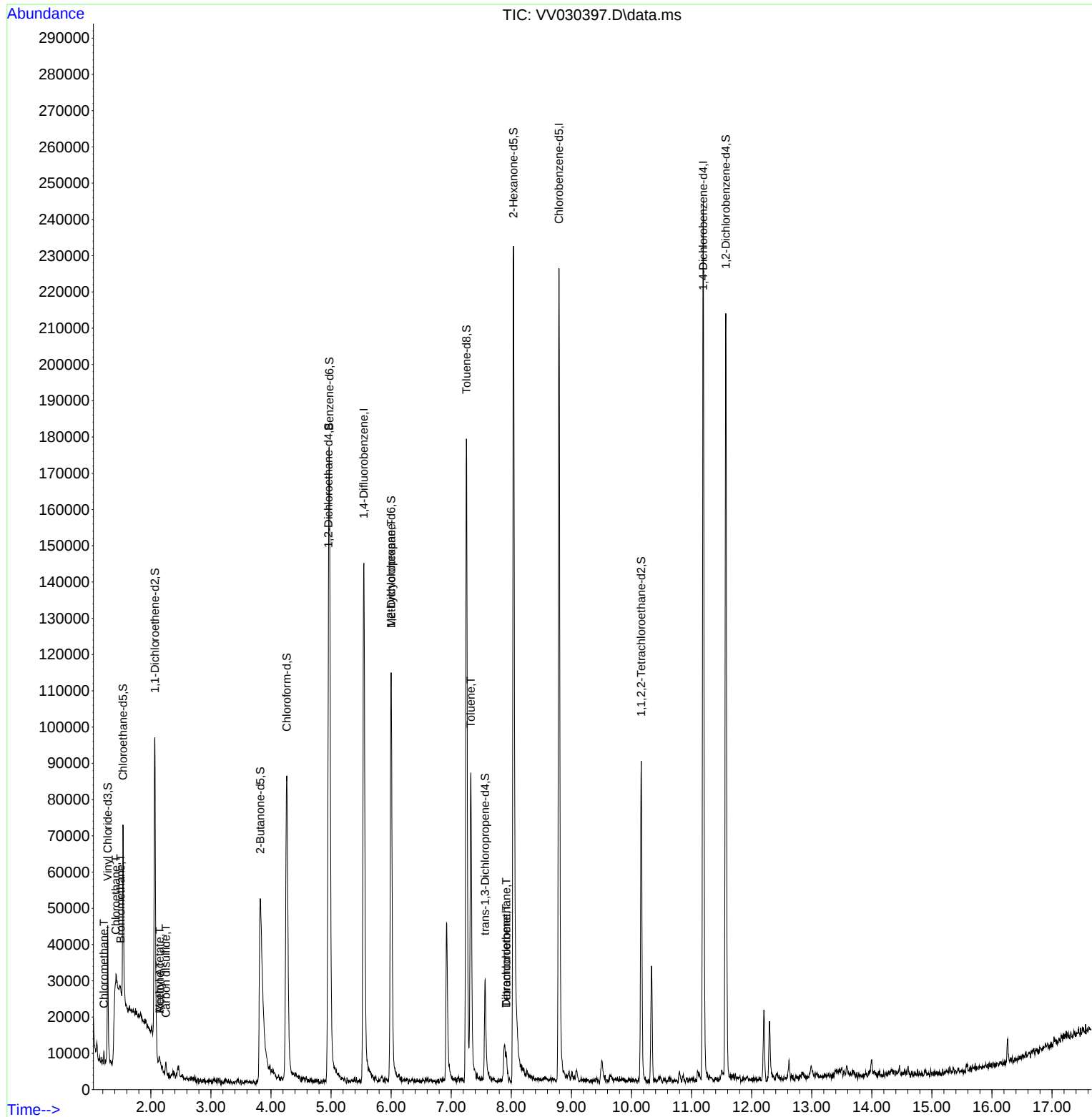
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	121531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	24101	2.994	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.800%	
7) Chloroethane-d5	1.535	69	30566	3.913	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.066	63	44901	2.351	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.000%#	
20) 2-Butanone-d5	3.822	46	110786	53.251	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.500%	
24) Chloroform-d	4.262	84	89362	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	4.957	65	46550	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	4.973	84	151400	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	5.998	67	51260	4.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.252	98	120381	3.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.564	79	16244	3.970	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.034	63	82525	50.189	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.380%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40409	4.718	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	52370	4.817	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						Qvalue
3) Chloromethane	1.220	50	3348	0.172	ug/L	95
6) Bromomethane	1.494	94	919	0.227	ug/L	95
8) Chloroethane	1.417	64	40930	5.027	ug/L #	51
13) Acetone	2.146	43	7322	3.680	ug/L	81
14) Carbon disulfide	2.249	76	5328	0.159	ug/L #	90
15) Methyl acetate	2.146	43	7322	2.060	ug/L #	50
35) Methylcyclohexane	5.998	83	13297	0.718	ug/L #	17
42) Toluene	7.326	91	60863	1.306	ug/L	97
47) Tetrachloroethene	7.915	164	1700	0.163	ug/L	94
49) Dibromochloromethane	7.915	129	1526	0.162	ug/L #	12

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

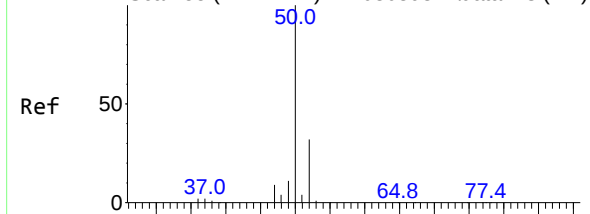
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
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QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV030393.D\data.ms (-47)



#3

Chloromethane

Concen: 0.172 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030397.D

Acq: 05 Apr 2023 13:42

Instrument :

MSVOA_V

ClientSampleId :

BHDT9

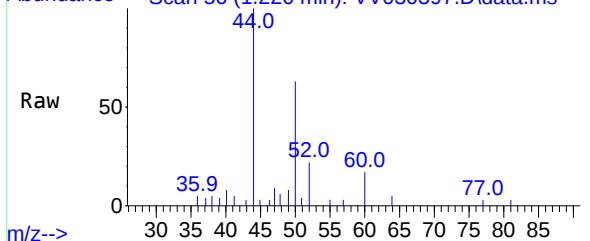
Tgt Ion: 50 Resp: 3348

Ion Ratio Lower Upper

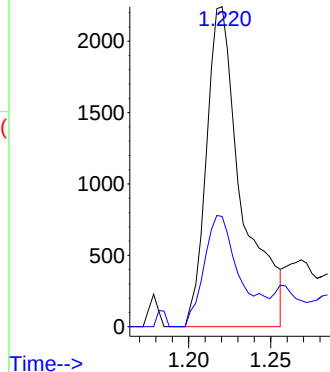
50 100

52 34.5 22.3 41.5

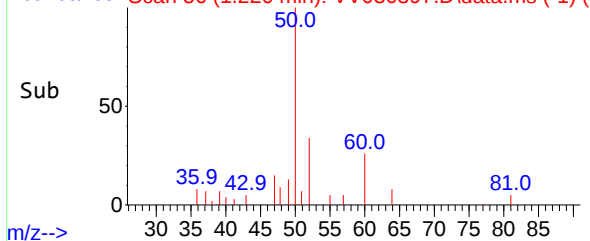
Abundance Scan 56 (1.220 min): VV030397.D\data.ms



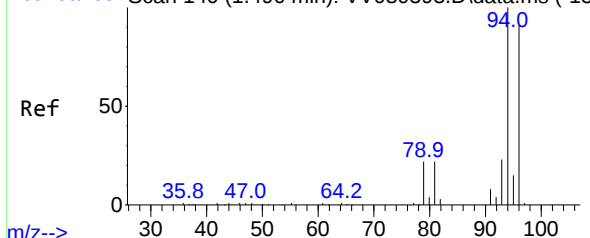
Abundance



Abundance Scan 56 (1.220 min): VV030397.D\data.ms (-1)



Abundance Scan 140 (1.490 min): VV030393.D\data.ms (-13)



#6

Bromomethane

Concen: 0.227 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030397.D

Acq: 05 Apr 2023 13:42

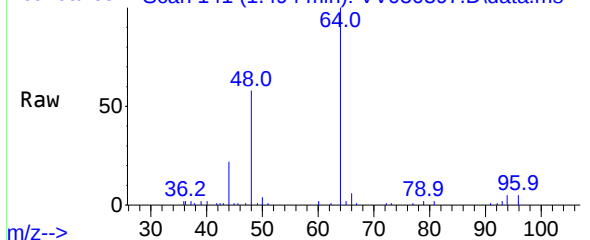
Tgt Ion: 94 Resp: 919

Ion Ratio Lower Upper

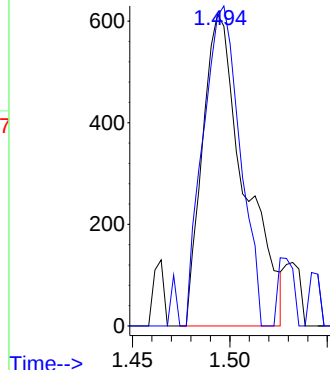
94 100

96 99.3 66.1 122.7

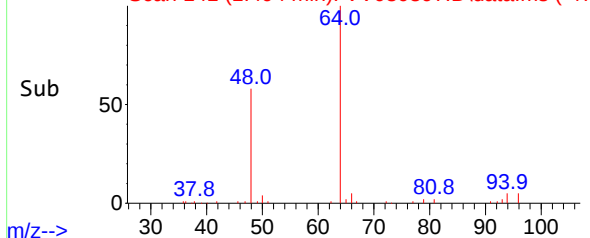
Abundance Scan 141 (1.494 min): VV030397.D\data.ms

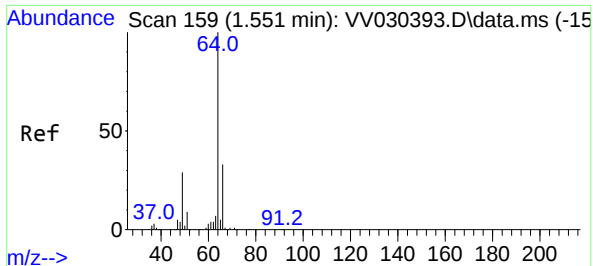


Abundance



Abundance Scan 141 (1.494 min): VV030397.D\data.ms (-47)

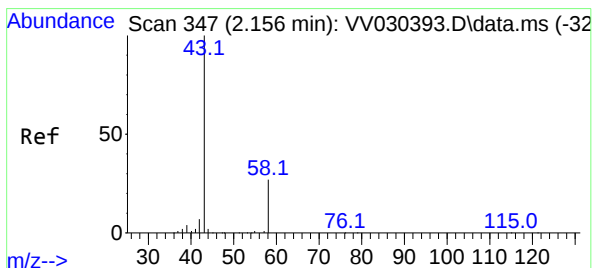
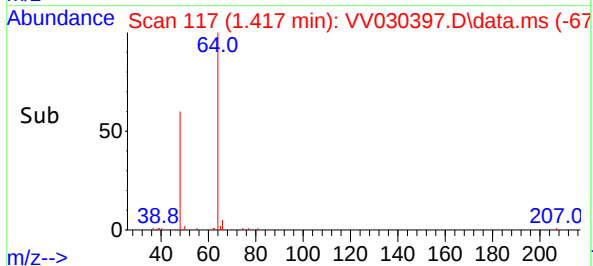
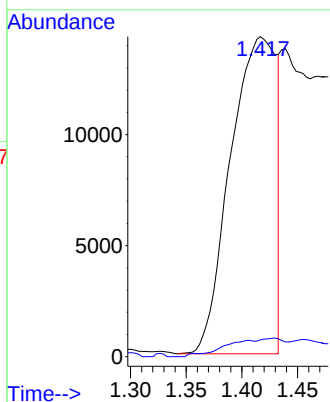
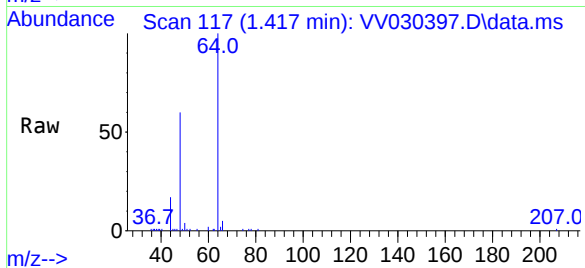




#8
Chloroethane
Concen: 5.027 ug/L
RT: 1.417 min Scan# 117
Delta R.T. -0.138 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

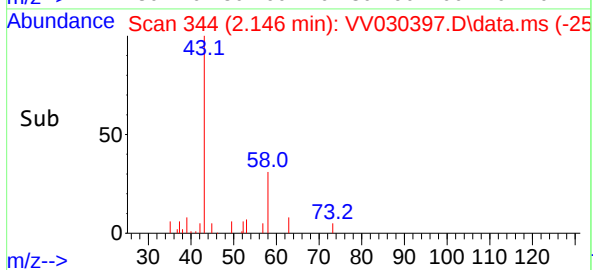
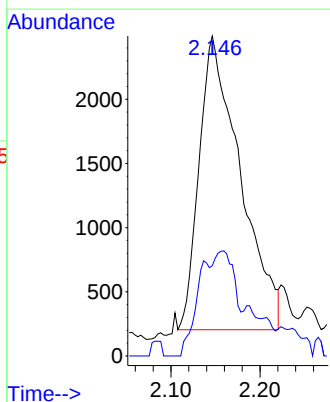
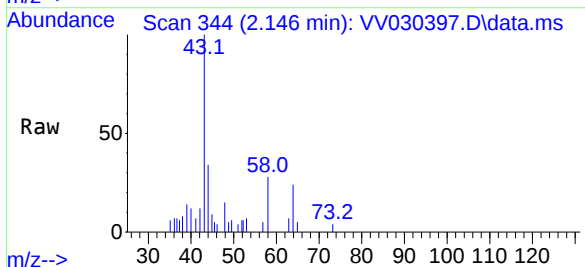
Instrument :
MSVOA_V
ClientSampleId :
BHDT9

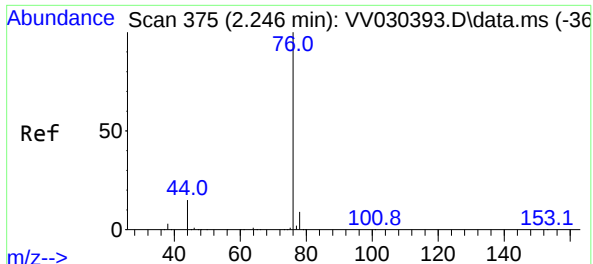
Tgt Ion: 64 Resp: 40930
Ion Ratio Lower Upper
64 100
66 5.2 23.0 42.8#



#13
Acetone
Concen: 3.680 ug/L
RT: 2.146 min Scan# 344
Delta R.T. -0.000 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

Tgt Ion: 43 Resp: 7322
Ion Ratio Lower Upper
43 100
58 11.5 0.0 40.8

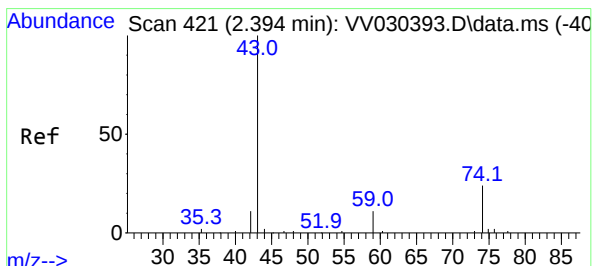
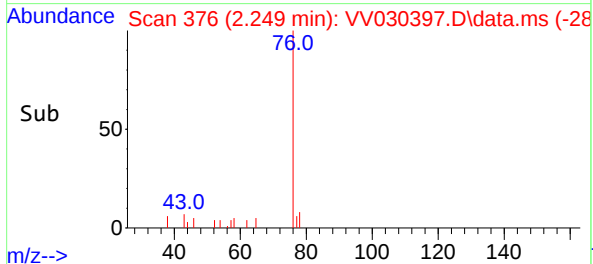
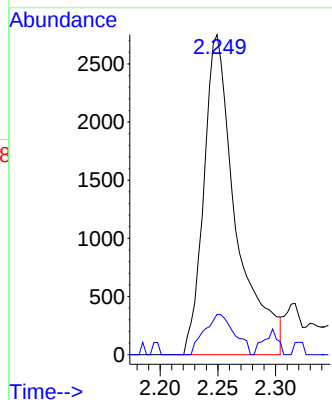
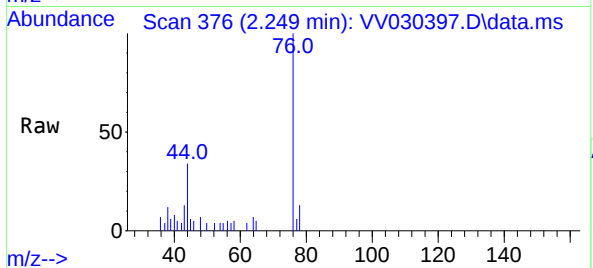




#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

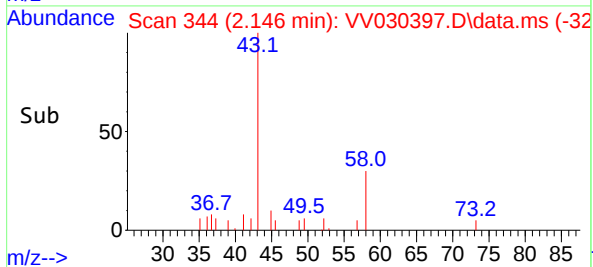
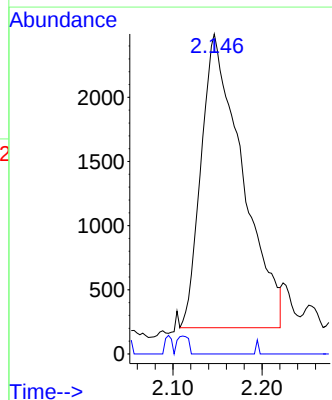
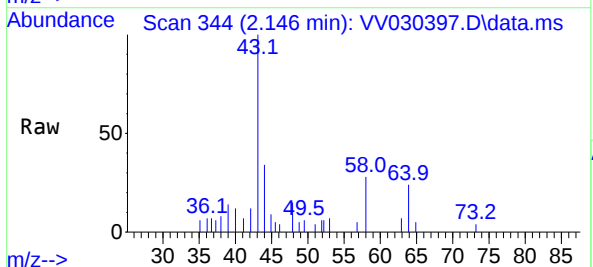
Instrument :
MSVOA_V
ClientSampleId :
BHDT9

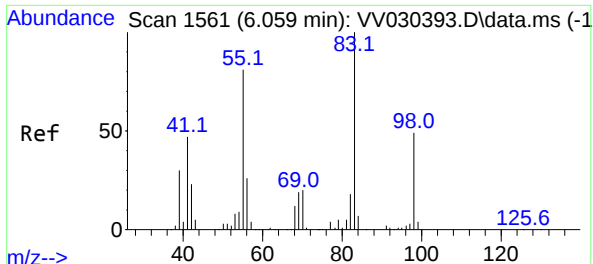
Tgt Ion: 76 Resp: 5328
Ion Ratio Lower Upper
76 100
78 12.6 7.3 10.9#



#15
Methyl Acetate
Concen: 2.060 ug/L
RT: 2.146 min Scan# 344
Delta R.T. -0.244 min
Lab File: VV030397.D
Acq: 05 Apr 2023 13:42

Tgt Ion: 43 Resp: 7322
Ion Ratio Lower Upper
43 100
74 1.7 22.1 33.1#





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV030397.D

Acq: 05 Apr 2023 13:42

Instrument :

MSVOA_V

ClientSampleId :

BHDT9

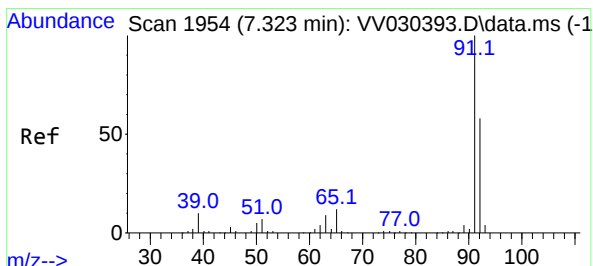
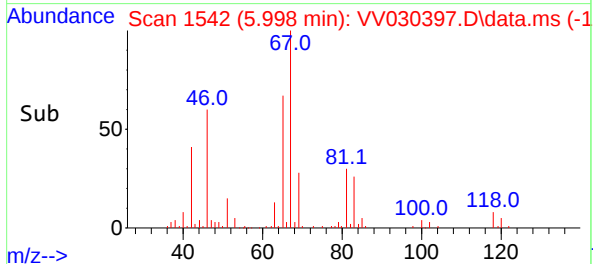
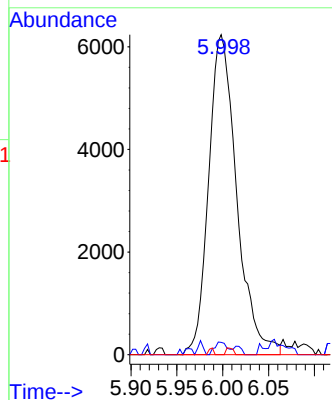
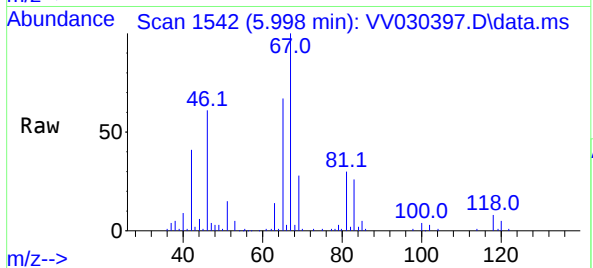
Tgt Ion: 83 Resp: 13297

Ion Ratio Lower Upper

83 100

55 1.9 66.6 100.0#

98 0.3 38.6 58.0#



#42

Toluene

Concen: 1.306 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV030397.D

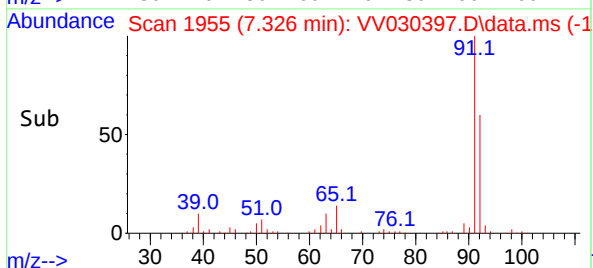
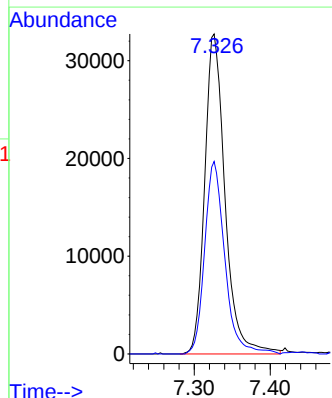
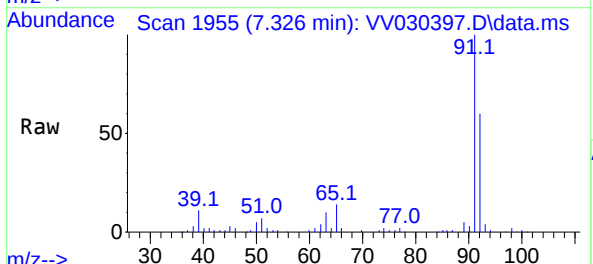
Acq: 05 Apr 2023 13:42

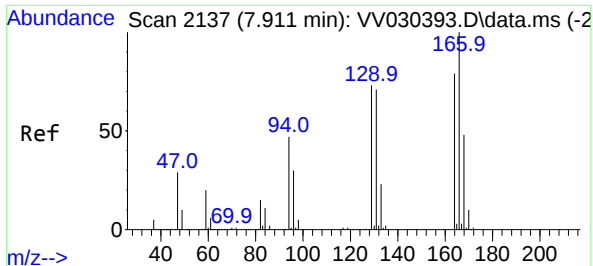
Tgt Ion: 91 Resp: 60863

Ion Ratio Lower Upper

91 100

92 60.1 40.4 75.0





#47

Tetrachloroethene

Concen: 0.163 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030397.D

Acq: 05 Apr 2023 13:42

Instrument :

MSVOA_V

ClientSampleId :

BHDT9

Tgt Ion:164 Resp: 1700

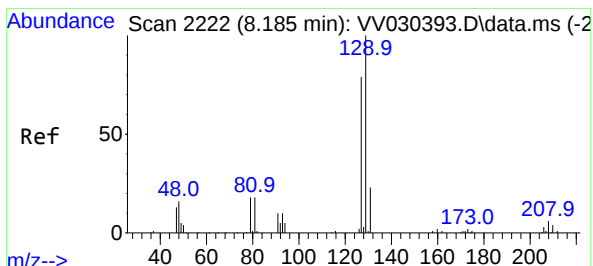
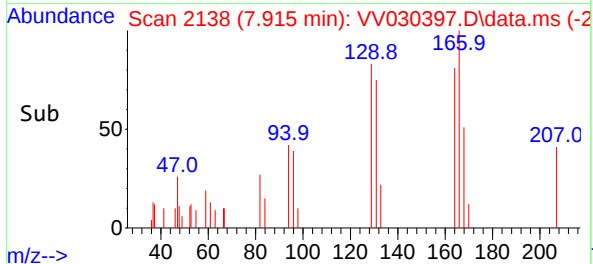
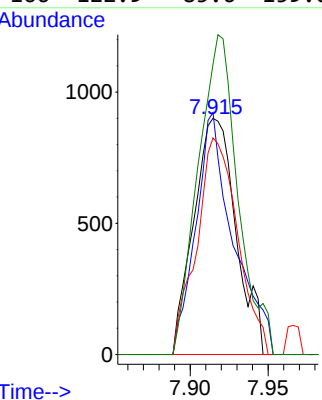
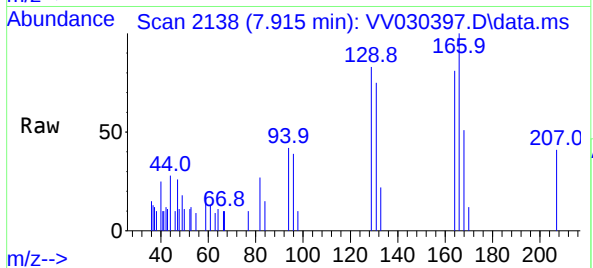
Ion Ratio Lower Upper

164 100

129 102.4 60.8 112.8

131 91.8 61.7 114.7

166 122.9 85.6 159.0



#49

Dibromochloromethane

Concen: 0.162 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030397.D

Acq: 05 Apr 2023 13:42

Tgt Ion:129 Resp: 1526

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#

