

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030410.D
 Acq On : 06 Apr 2023 11:59
 Operator : SY/MD
 Sample : 02194-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW4

Quant Time: Apr 07 04:50:05 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)

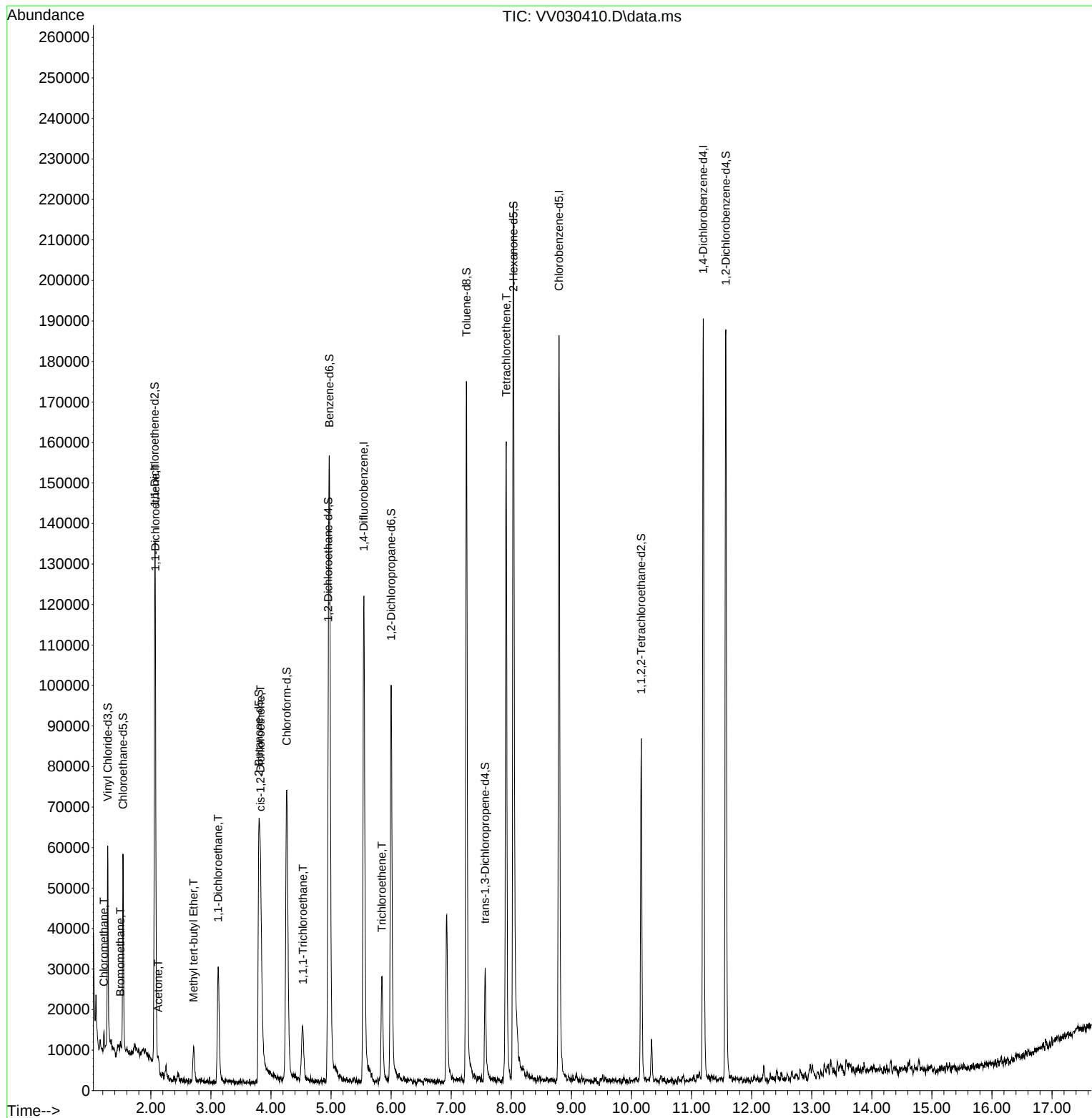
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	102068	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	102021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	29715	4.396	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.000%	
7) Chloroethane-d5	1.536	69	31295	4.770	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.066	63	60649	3.781	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	3.799	46	99945	57.201	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.400%	
24) Chloroform-d	4.262	84	77570	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	4.953	65	44329	5.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	4.973	84	135418	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	5.998	67	44795	4.977	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.252	98	115827	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.564	79	16163	4.770	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.034	63	75838	55.693	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.380%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37644	5.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.200%	
66) 1,2-Dichlorobenzene-d4	11.571	152	48029	5.259	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
3) Chloromethane	1.220	50	5015	0.306	ug/L	95
6) Bromomethane	1.494	94	930	0.273	ug/L	85
12) 1,1-Dichloroethene	2.076	96	14723	1.726	ug/L #	55
13) Acetone	2.124	43	3404	2.037	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	6771	0.375	ug/L #	87
19) 1,1-Dichloroethane	3.121	63	26872	1.543	ug/L	99
22) cis-1,2-Dichloroethene	3.825	96	15445	1.713	ug/L	97
29) 1,1,1-Trichloroethane	4.529	97	10477	0.639	ug/L	96
34) Trichloroethene	5.844	95	9046	0.926	ug/L	96
47) Tetrachloroethene	7.915	164	35489	4.115	ug/L	94

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

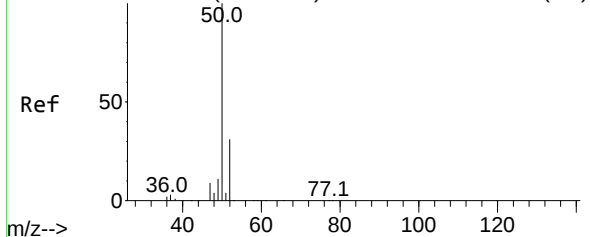
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



Abundance Scan 54 (1.214 min): VV030407.D\data.ms (-46)



#3

Chloromethane

Concen: 0.306 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.003 min

Lab File: VV030410.D

Acq: 06 Apr 2023 11:59

Instrument :

MSVOA_V

ClientSampleId :

BHDW4

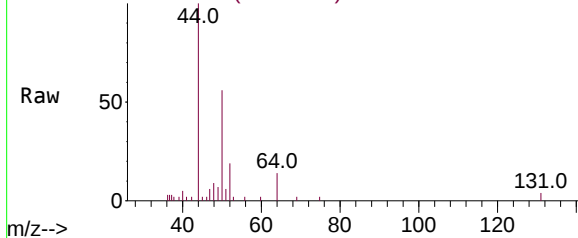
Tgt Ion: 50 Resp: 5015

Ion Ratio Lower Upper

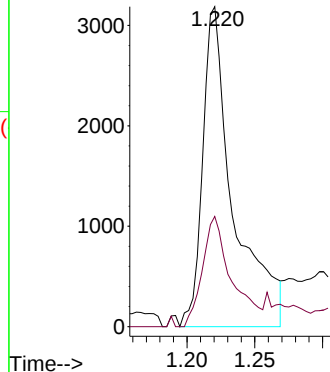
50 100

52 34.4 22.3 41.5

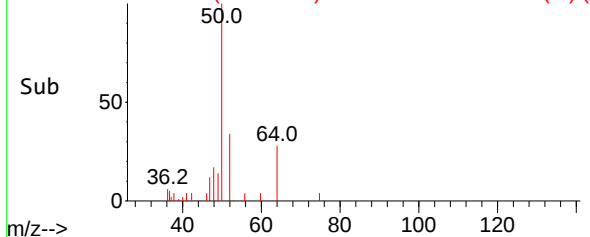
Abundance Scan 56 (1.220 min): VV030410.D\data.ms



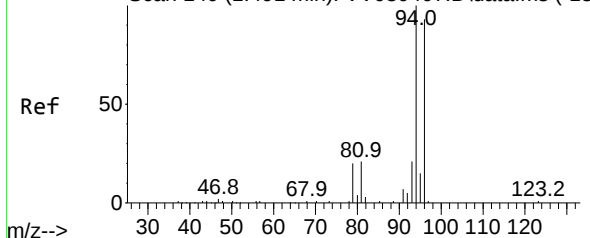
Abundance



Abundance Scan 56 (1.220 min): VV030410.D\data.ms (-1)



Abundance Scan 140 (1.491 min): VV030407.D\data.ms (-13)



#6

Bromomethane

Concen: 0.273 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030410.D

Acq: 06 Apr 2023 11:59

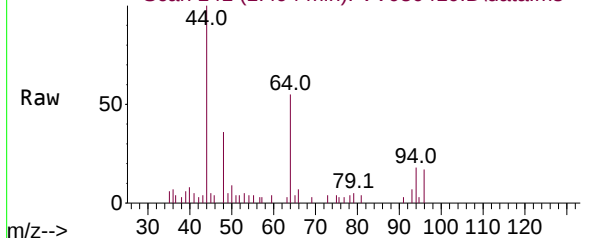
Tgt Ion: 94 Resp: 930

Ion Ratio Lower Upper

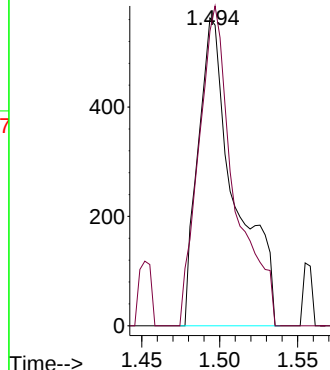
94 100

96 80.1 66.1 122.7

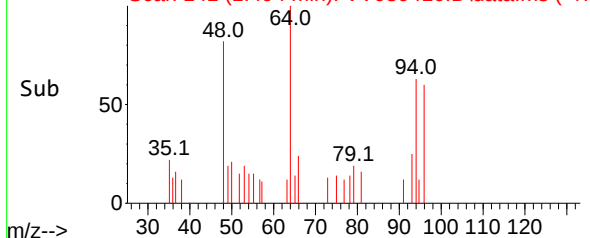
Abundance Scan 141 (1.494 min): VV030410.D\data.ms

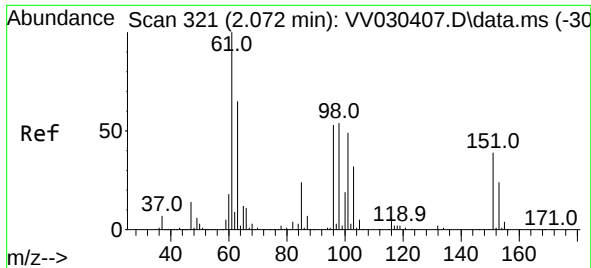


Abundance



Abundance Scan 141 (1.494 min): VV030410.D\data.ms (-47)





#12

1,1-Dichloroethene

Concen: 1.726 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030410.D

Acq: 06 Apr 2023 11:59

Instrument :

MSVOA_V

ClientSampleId :

BHDW4

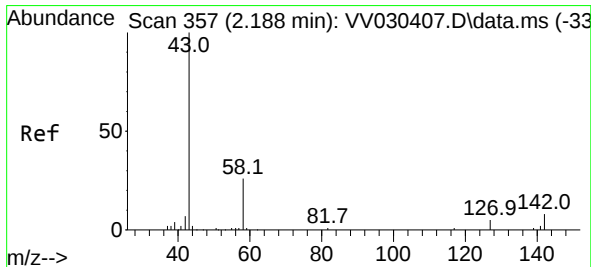
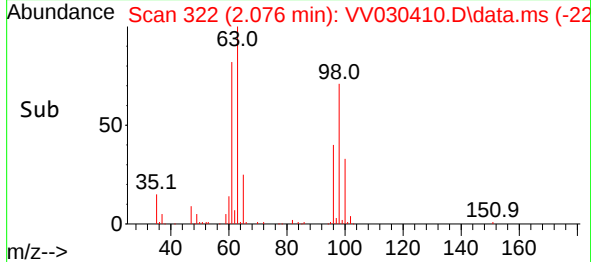
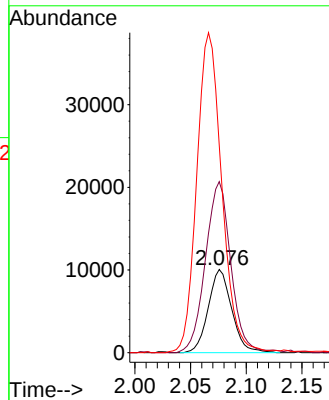
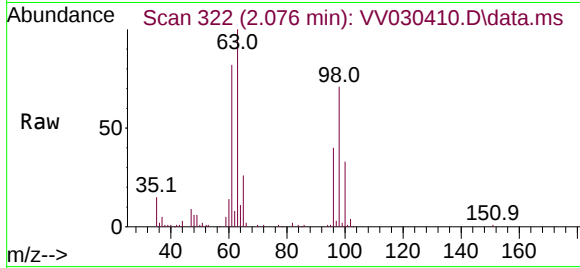
Tgt Ion: 96 Resp: 14723

Ion Ratio Lower Upper

96 100

61 205.6 136.3 253.1

63 249.4 92.1 171.1#



#13

Acetone

Concen: 2.037 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.023 min

Lab File: VV030410.D

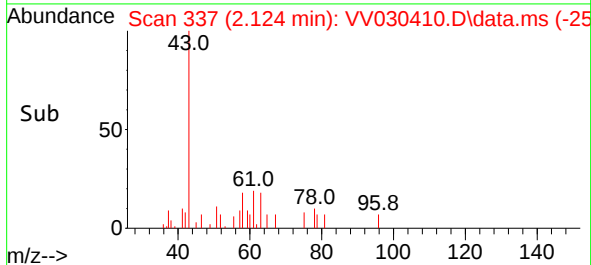
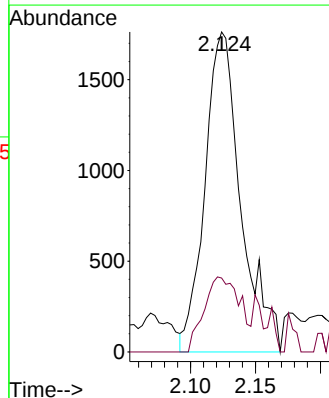
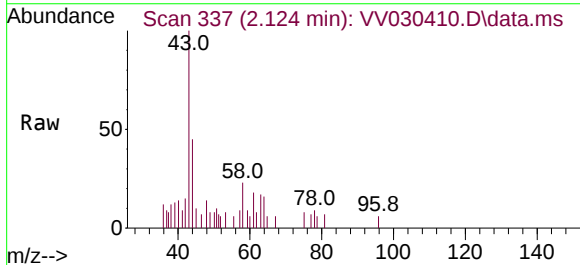
Acq: 06 Apr 2023 11:59

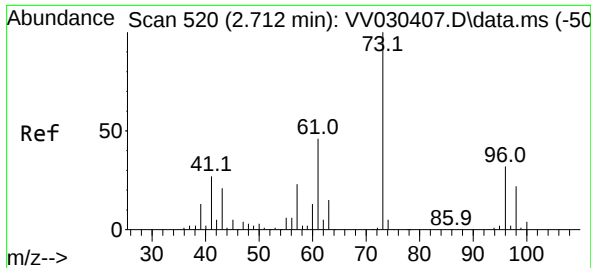
Tgt Ion: 43 Resp: 3404

Ion Ratio Lower Upper

43 100

58 23.5 0.0 40.8

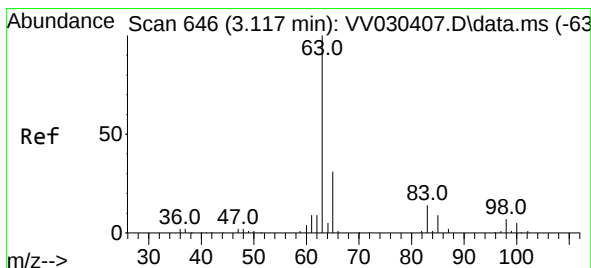
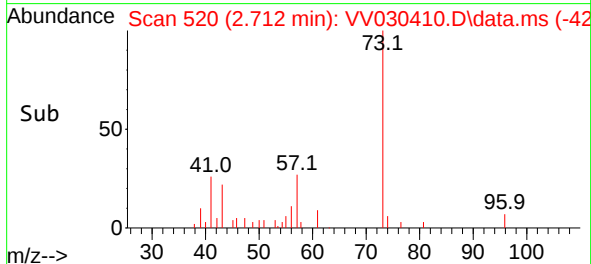
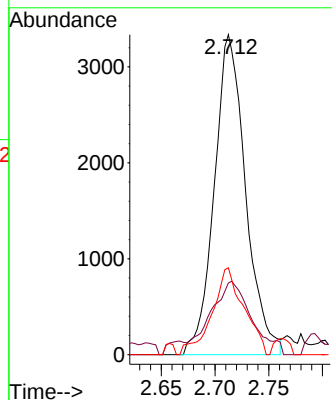
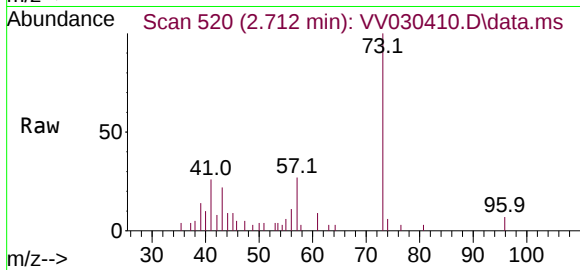




#17
Methyl tert-butyl Ether
Concen: 0.375 ug/L
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030410.D
Acq: 06 Apr 2023 11:59

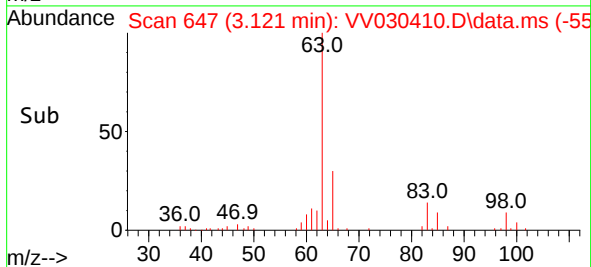
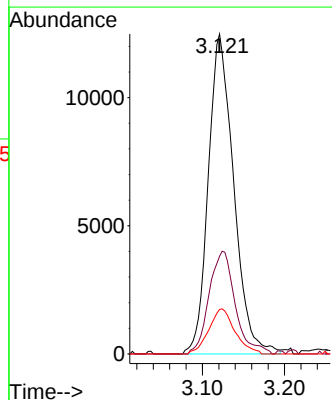
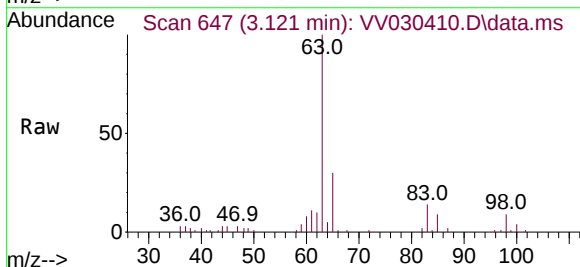
Instrument :
MSVOA_V
ClientSampleId :
BHDW4

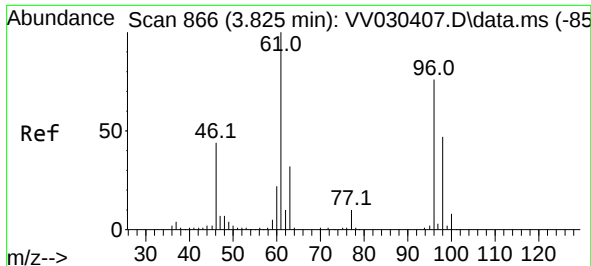
Tgt Ion: 73 Resp: 6771
Ion Ratio Lower Upper
73 100
43 29.8 17.4 26.2#
57 27.6 18.3 27.5#



#19
1,1-Dichloroethane
Concen: 1.543 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030410.D
Acq: 06 Apr 2023 11:59

Tgt Ion: 63 Resp: 26872
Ion Ratio Lower Upper
63 100
65 30.5 21.7 40.3
83 13.9 9.1 16.9

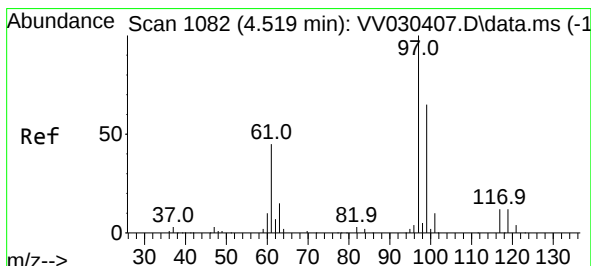
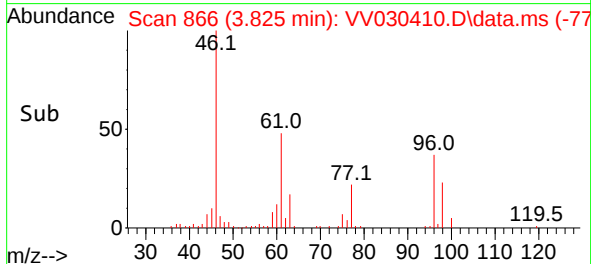
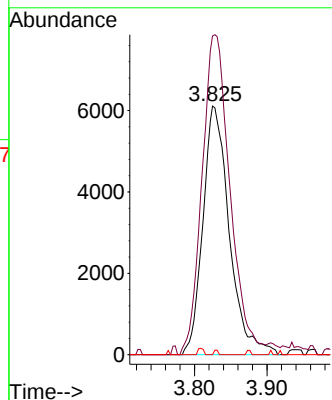
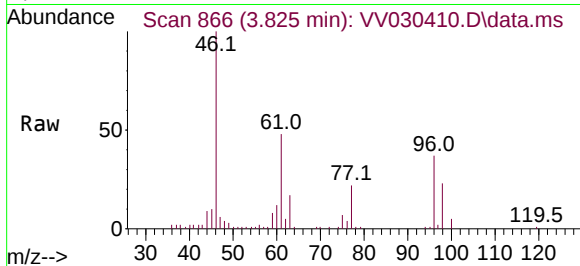




#22
 cis-1,2-Dichloroethene
 Concen: 1.713 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV030410.D
 Acq: 06 Apr 2023 11:59

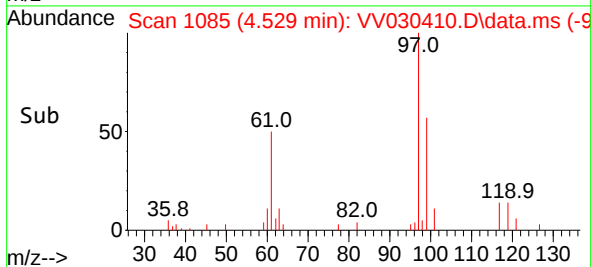
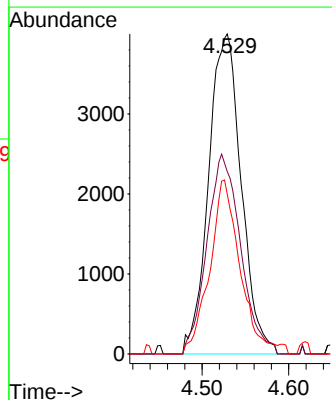
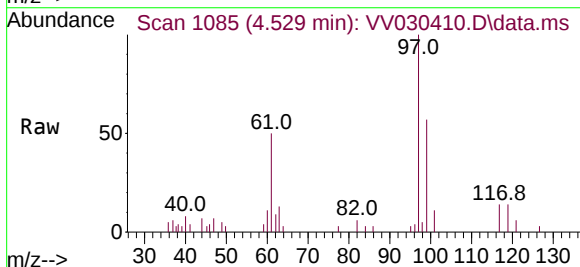
Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW4

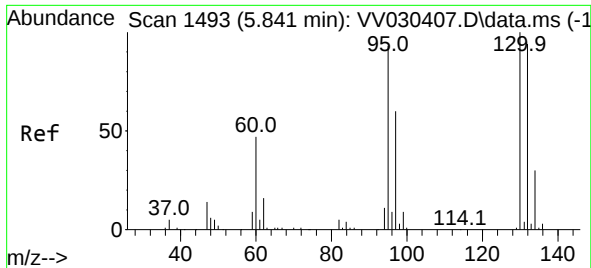
Tgt Ion: 96 Resp: 15445
 Ion Ratio Lower Upper
 96 100
 61 128.2 92.0 170.8
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.639 ug/L
 RT: 4.529 min Scan# 1085
 Delta R.T. 0.006 min
 Lab File: VV030410.D
 Acq: 06 Apr 2023 11:59

Tgt Ion: 97 Resp: 10477
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.9 76.3
 61 50.3 35.9 53.9

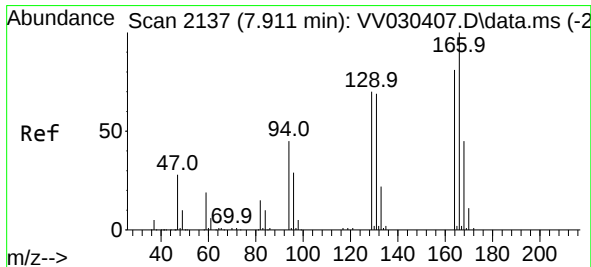
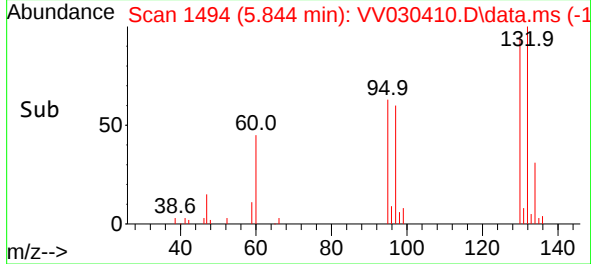
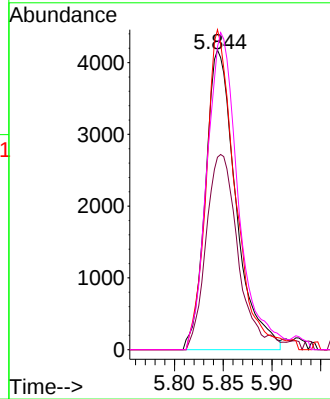
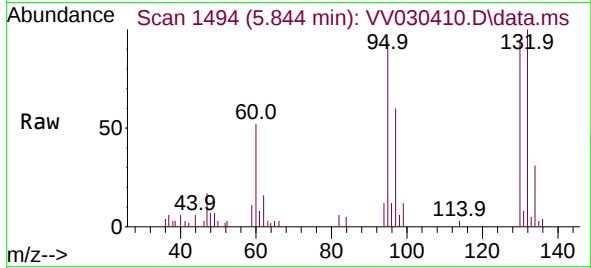




#34
Trichloroethene
Concen: 0.926 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030410.D
Acq: 06 Apr 2023 11:59

Instrument :
MSVOA_V
ClientSampleId :
BHDW4

Tgt Ion: 95	Resp: 9046
Ion Ratio	Lower Upper
95 100	
97 64.2	44.2 82.2
132 106.8	69.5 129.1
130 101.1	72.2 134.0



#47
Tetrachloroethene
Concen: 4.115 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030410.D
Acq: 06 Apr 2023 11:59

Tgt	Ion:164	Resp:	35489
Ion	Ratio	Lower	Upper
164	100		
129	92.1	60.8	112.8
131	85.1	61.7	114.7
166	130.4	85.6	159.0

