

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
 Data File : VV030403.D
 Acq On : 05 Apr 2023 16:10
 Operator : SY/MD
 Sample : 02194-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDT8DL

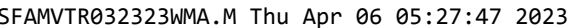
Quant Time: Apr 06 05:27:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

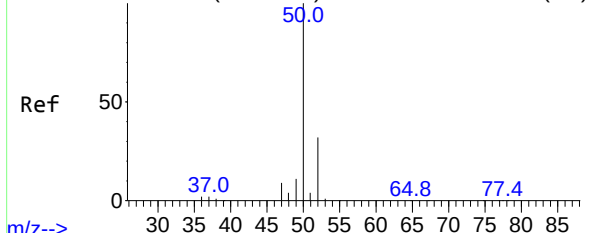
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	133334	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	131031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	74861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41221	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.536	69	41145	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.063	63	76924	3.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.828	46	93263	40.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.720%
24) Chloroform-d	4.259	84	100536	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.953	65	50150	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.969	84	179956	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	5.998	67	57018	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.252	98	154993	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.561	79	18313	4.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.037	63	79031	45.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40444	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	63193	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2647	0.124	ug/L	88
6) Bromomethane	1.494	94	972	0.219	ug/L	97
8) Chloroethane	1.413	64	119748	13.407	ug/L #	51
12) 1,1-Dichloroethene	2.072	96	6192	0.556	ug/L #	1
14) Carbon disulfide	2.253	76	4969	0.135	ug/L	97
15) Methyl Acetate	2.388	43	756	0.194	ug/L #	47
16) Methylene chloride	2.455	84	4703	0.357	ug/L	83
19) 1,1-Dichloroethane	3.121	63	48927	2.150	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	25498	2.165	ug/L	99
34) Trichloroethene	5.844	95	6499	0.518	ug/L	96
37) 1,2-Dichloropropane	6.111	63	2310	0.193	ug/L #	88
47) Tetrachloroethene	7.911	164	105916	9.561	ug/L	95
49) Dibromochloromethane	7.911	129	91883	9.175	ug/L #	12
61) 1,2,3-Trichloropropane	11.191	75	10832	1.618	ug/L #	1

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

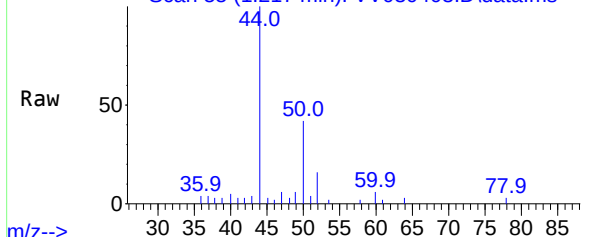
Quant Time: Apr 06 05:27:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



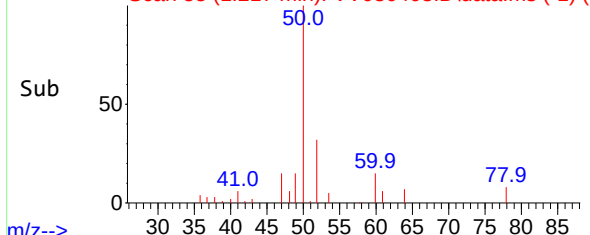
Abundance Scan 55 (1.217 min): VV030393.D\data.ms (-47)



Abundance Scan 55 (1.217 min): VV030403.D\data.ms



Abundance Scan 55 (1.217 min): VV030403.D\data.ms (-1)



#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030403.D

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Instrument :

MSVOA_V

ClientSampleId :

BHDT8DL

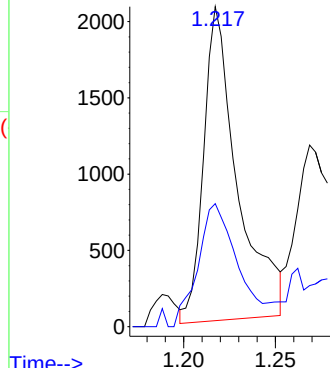
Tgt Ion: 50 Resp: 2647

Ion Ratio Lower Upper

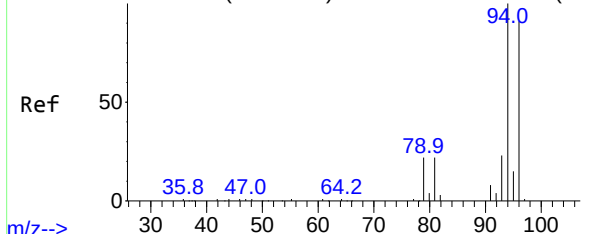
50 100

52 38.5 22.3 41.5

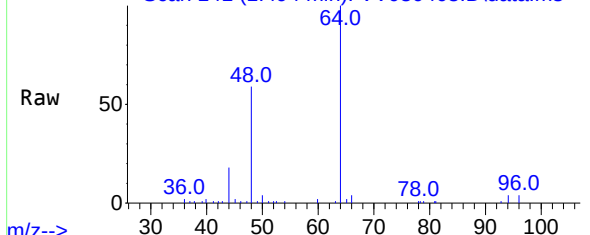
Abundance



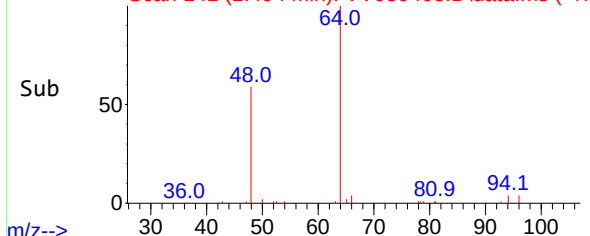
Abundance Scan 140 (1.490 min): VV030393.D\data.ms (-13)



Abundance Scan 141 (1.494 min): VV030403.D\data.ms



Abundance Scan 141 (1.494 min): VV030403.D\data.ms (-47)



#6

Bromomethane

Concen: 0.219 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

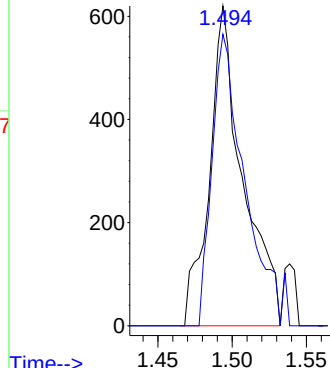
Tgt Ion: 94 Resp: 972

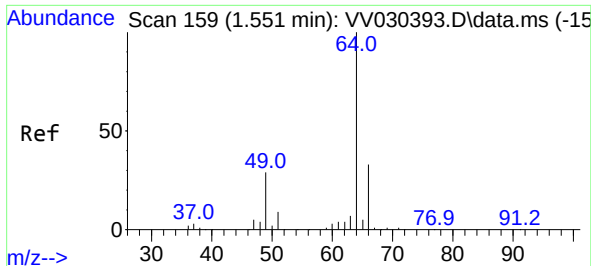
Ion Ratio Lower Upper

94 100

96 91.1 66.1 122.7

Abundance

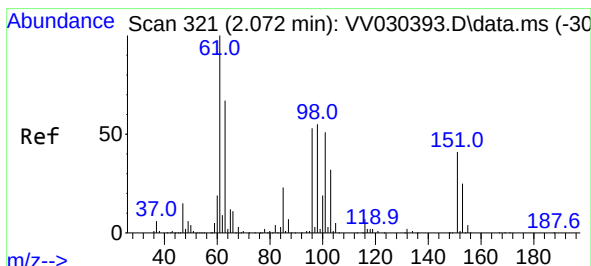
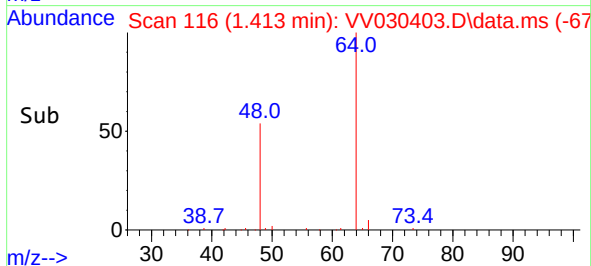
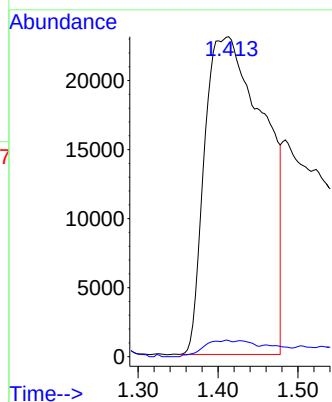
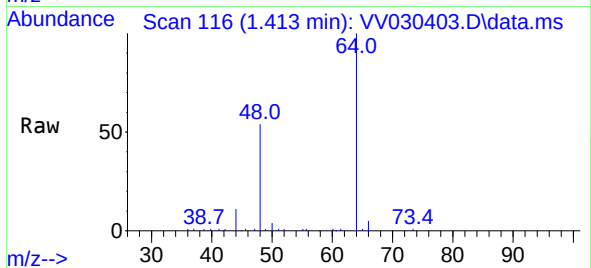




#8
Chloroethane
Concen: 13.407 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.142 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

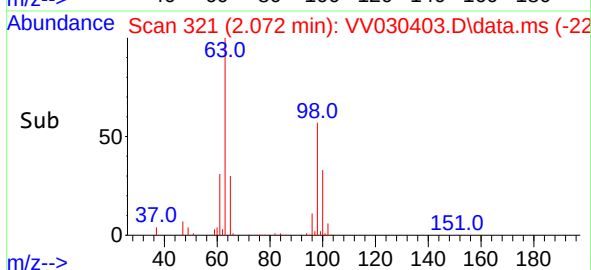
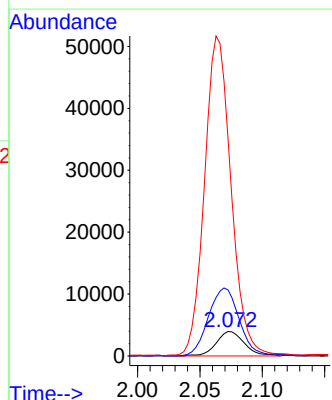
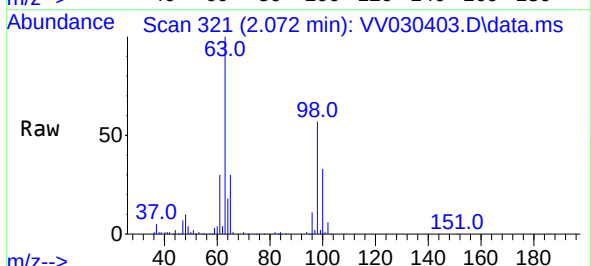
Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

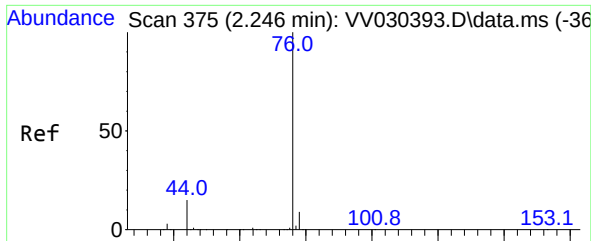
Tgt Ion: 64 Resp: 119748
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.556 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 96 Resp: 6192
Ion Ratio Lower Upper
96 100
61 269.3 136.3 253.1#
63 886.1 92.1 171.1#

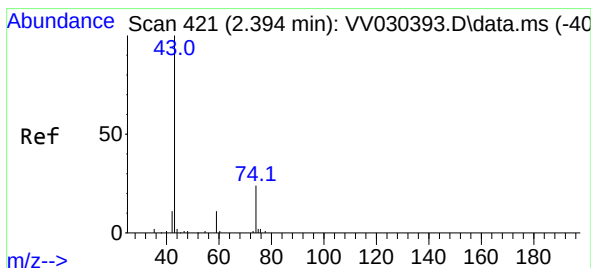
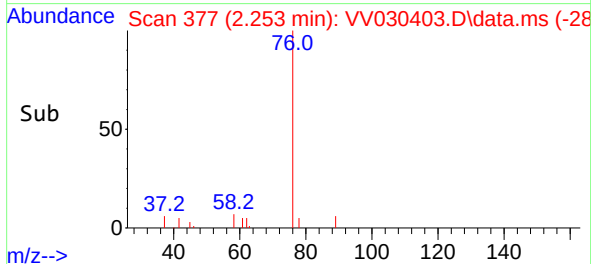
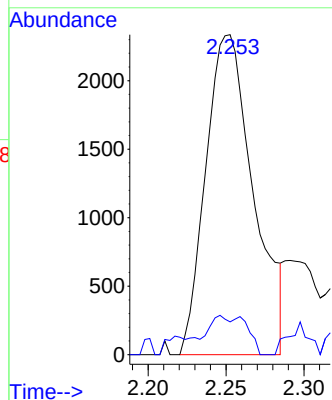
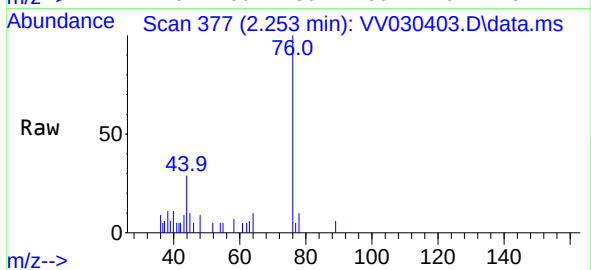




#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.253 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

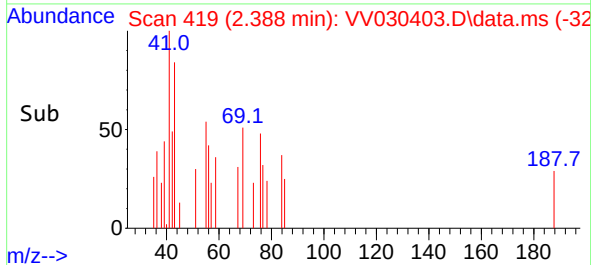
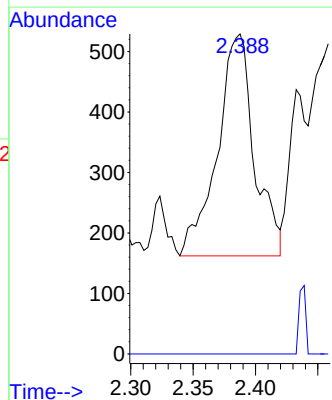
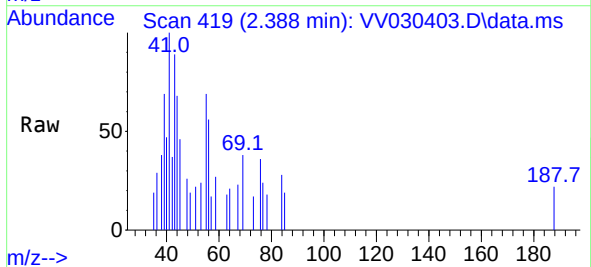
Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

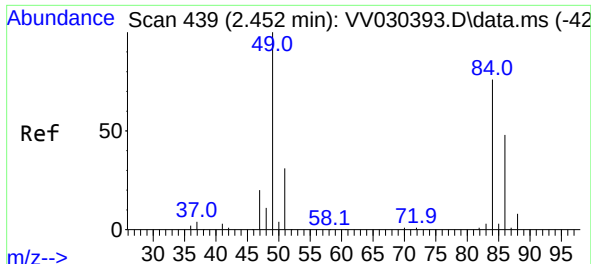
Tgt Ion: 76 Resp: 4969
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#15
Methyl Acetate
Concen: 0.194 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



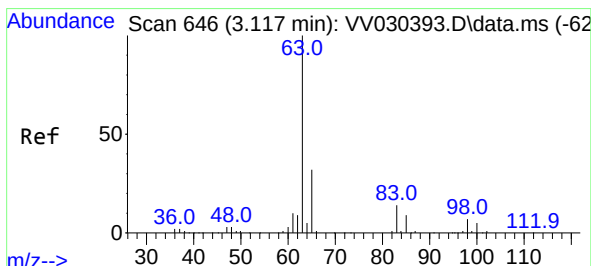
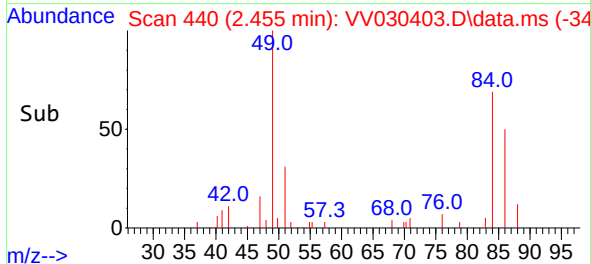
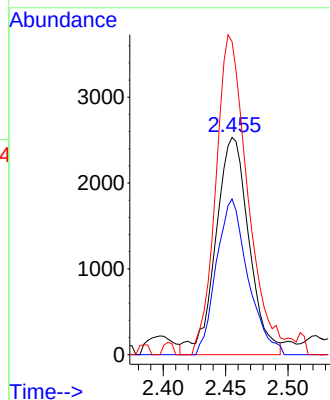
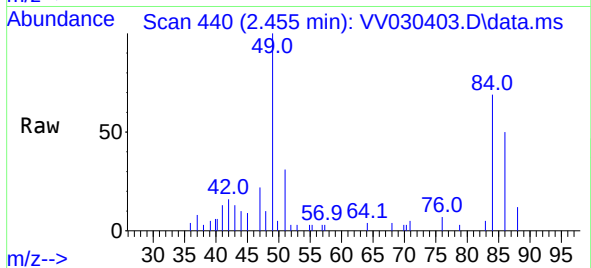


#16
Methylene chloride
Concen: 0.357 ug/L
RT: 2.455 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

Tgt Ion: 84 Resp: 4703

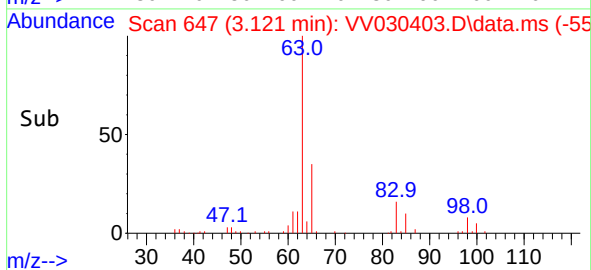
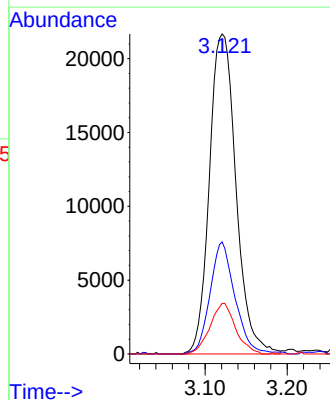
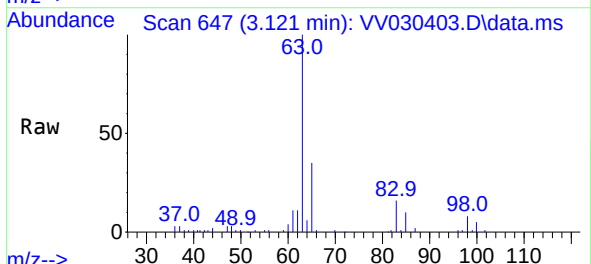
Ion	Ratio	Lower	Upper
84	100		
86	71.6	44.0	81.6
49	151.6	90.6	168.3

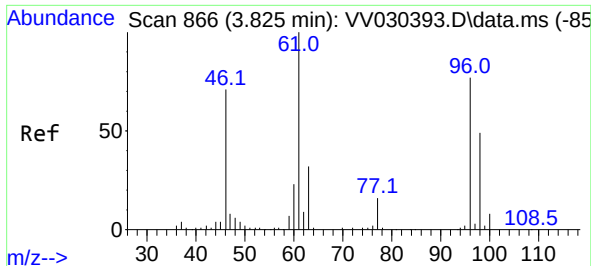


#19
1,1-Dichloroethane
Concen: 2.150 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 63 Resp: 48927

Ion	Ratio	Lower	Upper
63	100		
65	35.0	21.7	40.3
83	15.8	9.1	16.9

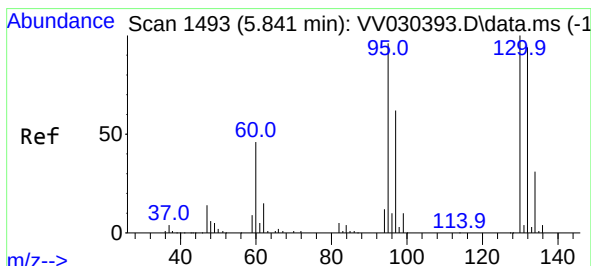
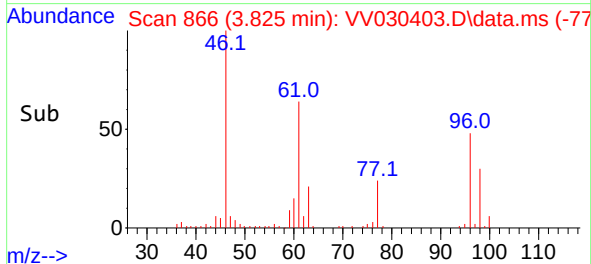
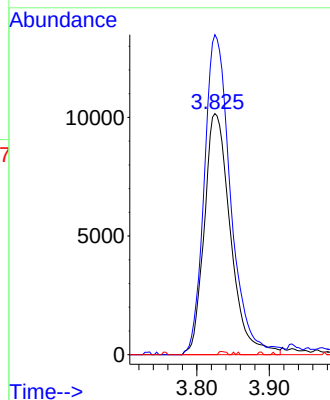
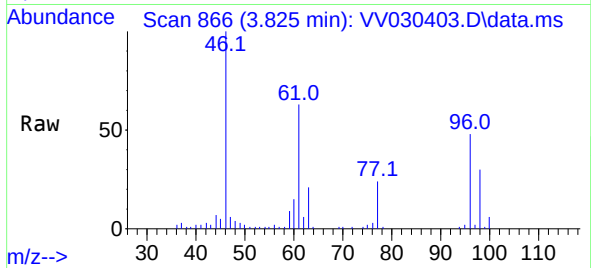




#22
cis-1,2-Dichloroethene
Concen: 2.165 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

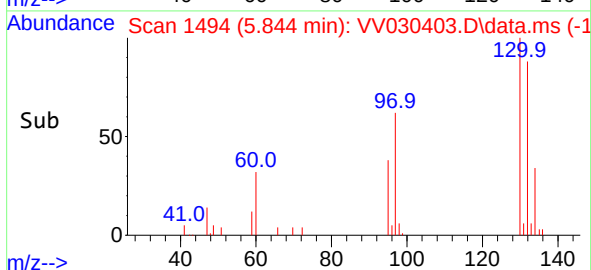
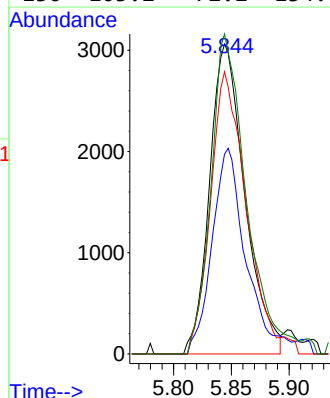
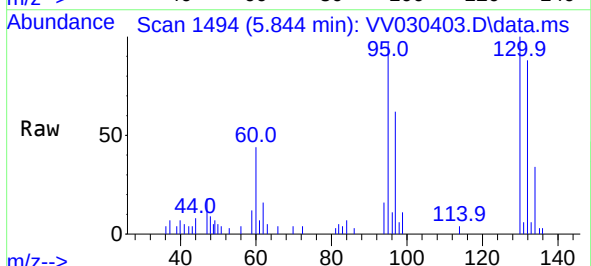
Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

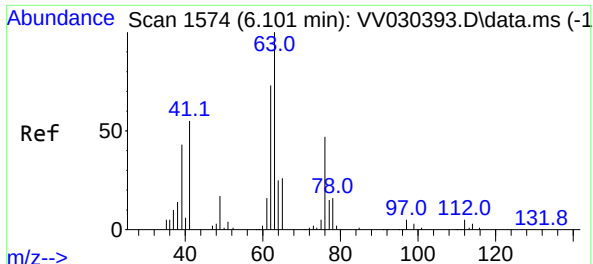
Tgt Ion: 96 Resp: 25498
Ion Ratio Lower Upper
96 100
61 132.7 92.0 170.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.518 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 95 Resp: 6499
Ion Ratio Lower Upper
95 100
97 64.4 44.2 82.2
132 91.1 69.5 129.1
130 103.2 72.2 134.0

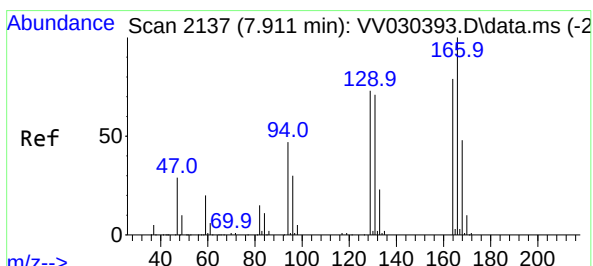
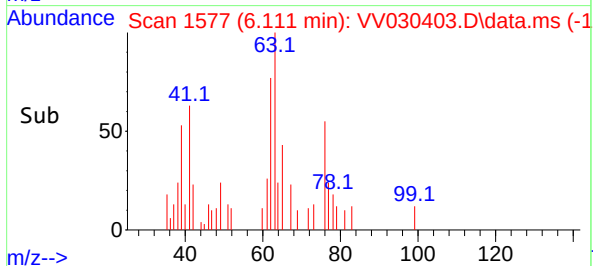
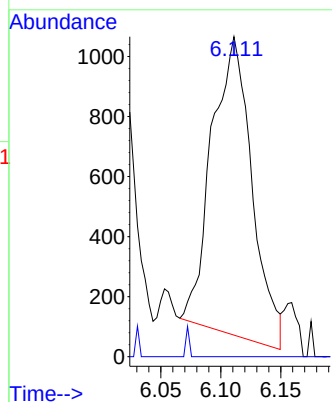
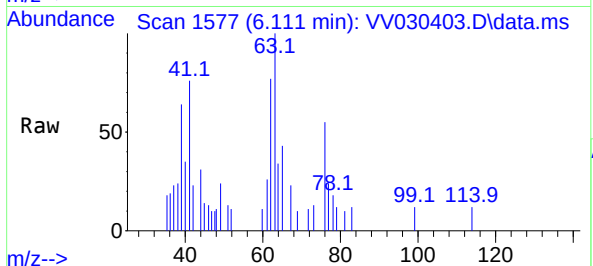




#37
1,2-Dichloropropane
Concen: 0.193 ug/L
RT: 6.111 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

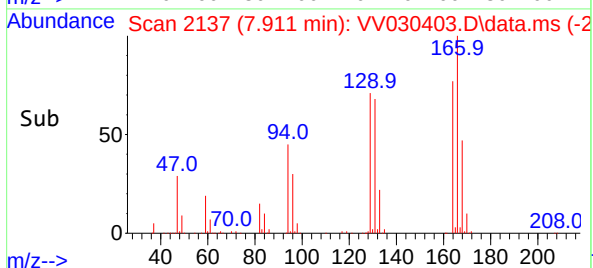
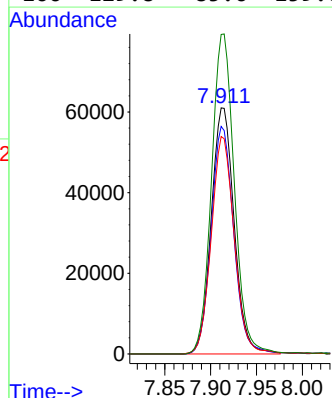
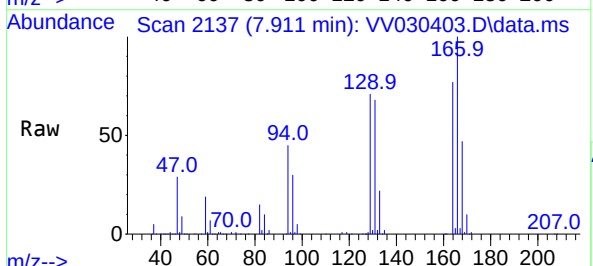
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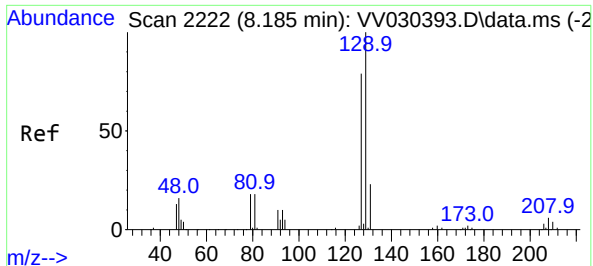
Tgt Ion: 63 Resp: 2310
Ion Ratio Lower Upper
63 100
112 0.8 3.9 5.9#



#47
Tetrachloroethene
Concen: 9.561 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 164 Resp: 105916
Ion Ratio Lower Upper
164 100
129 92.5 60.8 112.8
131 88.3 61.7 114.7
166 129.8 85.6 159.0





#49

Dibromochloromethane

Concen: 9.175 ug/L

RT: 7.911 min Scan# 21

Delta R.T. -0.273 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

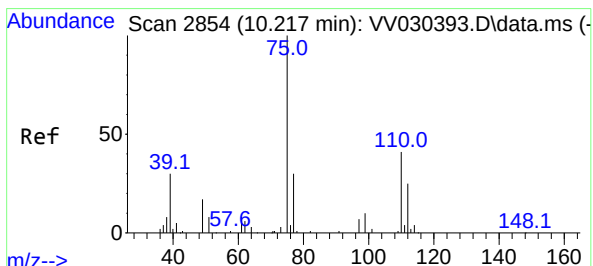
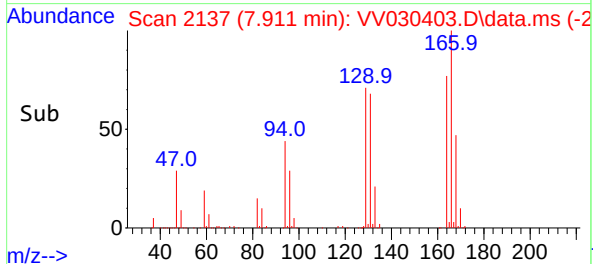
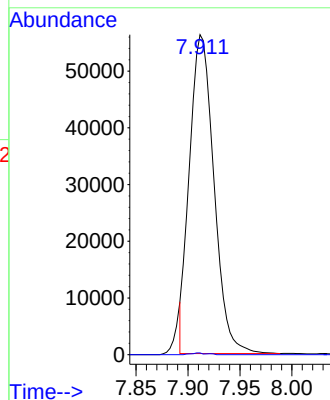
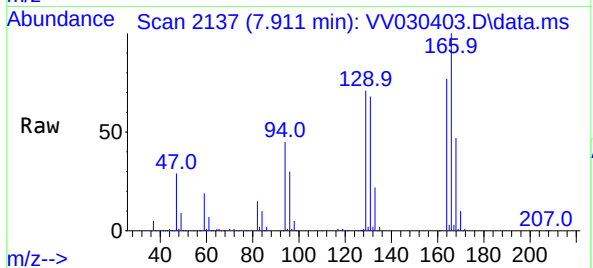
BHDT8DL

Tgt Ion:129 Resp: 91883

Ion Ratio Lower Upper

129 100

127 0.6 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.618 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

Tgt Ion: 75 Resp: 10832

Ion Ratio Lower Upper

75 100

77 204.6 26.0 39.0#

110 3.9 31.6 47.4#

