

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030418.D
 Acq On : 06 Apr 2023 15:20
 Operator : SY/MD
 Sample : 02225-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

Quant Time: Apr 07 04:51:07 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)

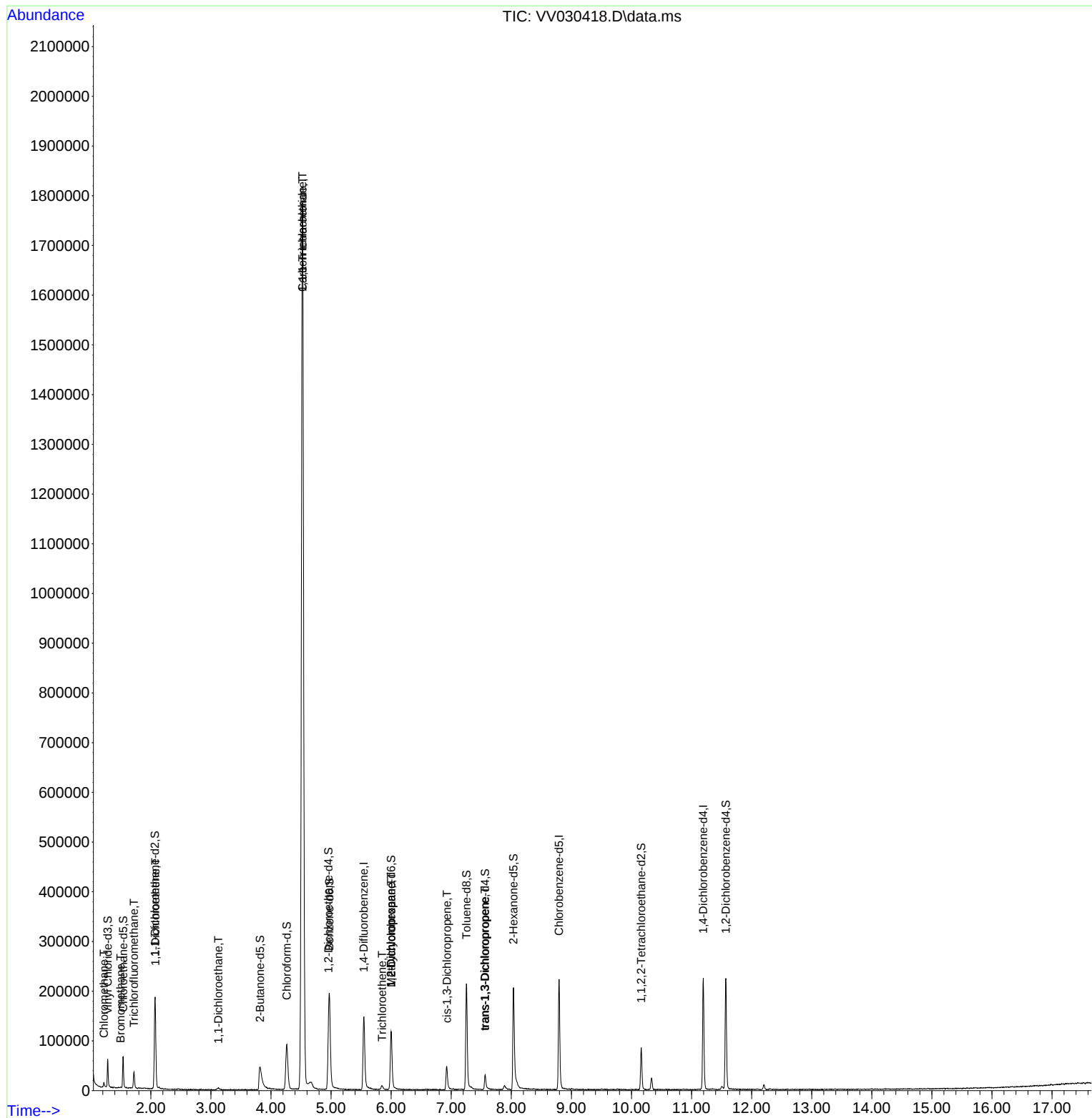
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	123032	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	37800	4.639	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.539	69	38231	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.066	63	79785	4.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.815	46	96753	45.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	4.262	84	93888	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.957	65	48771	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	4.973	84	170443	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.998	67	51899	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.252	98	144929	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.564	79	16689	4.098	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.034	63	71990	43.989	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37889	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	58068	5.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	7079	0.359	ug/L	96
6) Bromomethane	1.494	94	606	0.148	ug/L	92
9) Trichlorofluoromethane	1.719	101	18348	0.875	ug/L	98
12) 1,1-Dichloroethene	2.076	96	27195	2.645	ug/L #	79
19) 1,1-Dichloroethane	3.124	63	3659	0.174	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	1466969	74.437	ug/L	99
31) Carbon tetrachloride	4.522	117	182048	10.181	ug/L	98
34) Trichloroethene	5.850	95	2529	0.215	ug/L	97
35) Methylcyclohexane	5.998	83	13207	0.716	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	6891	0.616	ug/L #	87
39) cis-1,3-Dichloropropene	6.928	75	1667	0.106	ug/L #	77
44) trans-1,3-Dichloropropene	7.561	75	1186	0.089	ug/L #	42

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

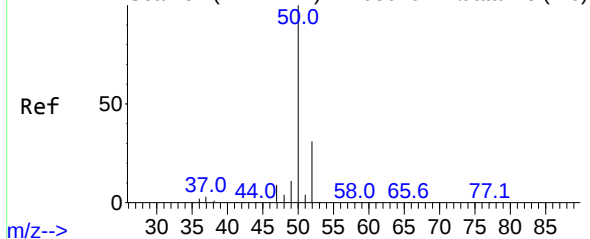
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
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Response via : Initial Calibration



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



#3

Chloromethane

Concen: 0.359 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030418.D

Acq: 06 Apr 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

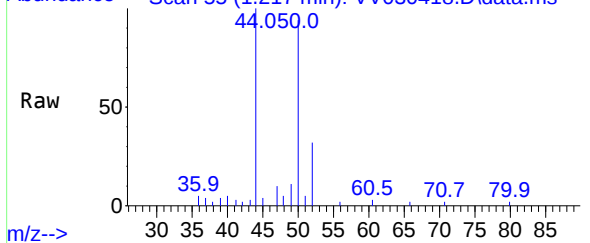
Tgt Ion: 50 Resp: 7079

Ion Ratio Lower Upper

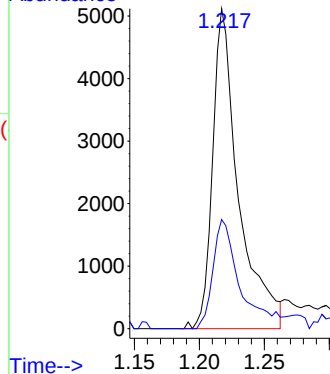
50 100

52 34.1 22.3 41.5

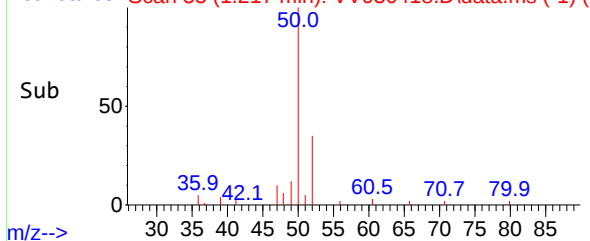
Abundance Scan 55 (1.217 min): VV030418.D\data.ms



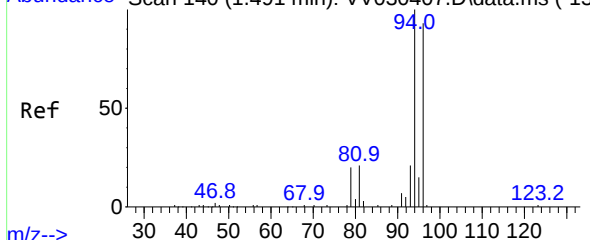
Abundance



Abundance Scan 55 (1.217 min): VV030418.D\data.ms (-1)



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



#6

Bromomethane

Concen: 0.148 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030418.D

Acq: 06 Apr 2023 15:20

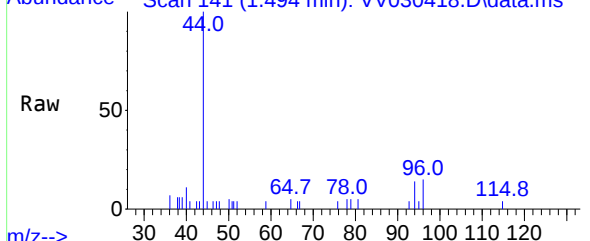
Tgt Ion: 94 Resp: 606

Ion Ratio Lower Upper

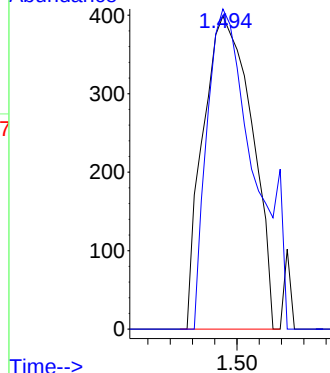
94 100

96 102.3 66.1 122.7

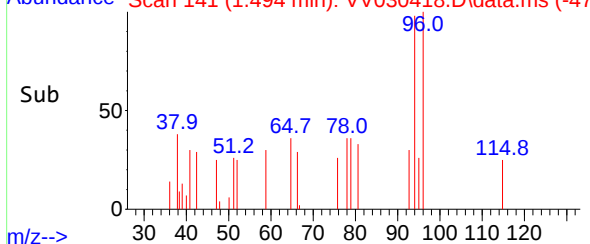
Abundance Scan 141 (1.494 min): VV030418.D\data.ms

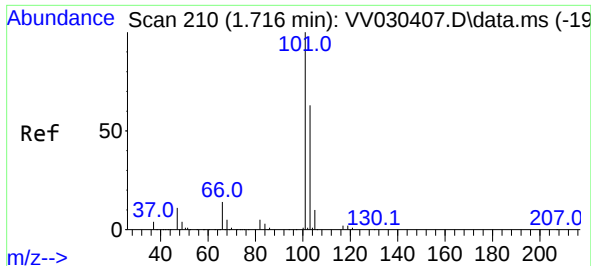


Abundance



Abundance Scan 141 (1.494 min): VV030418.D\data.ms (-47)

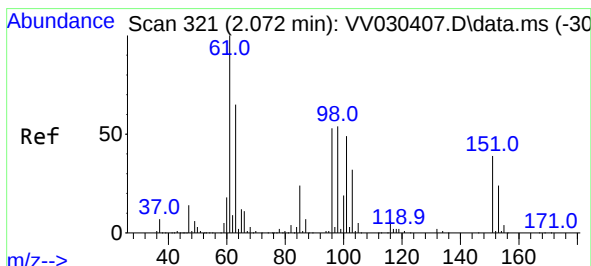
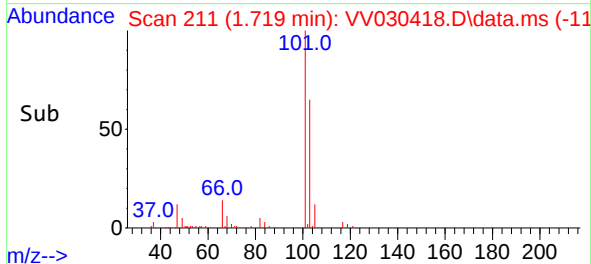
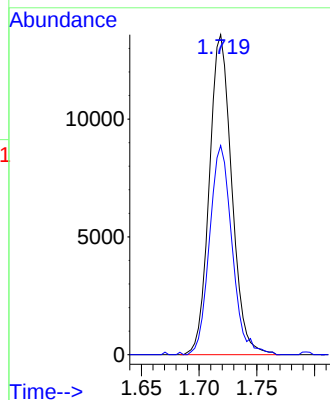
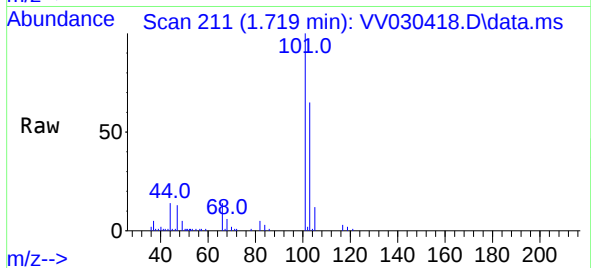




#9
 Trichlorofluoromethane
 Concen: 0.875 ug/L
 RT: 1.719 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VV030418.D
 Acq: 06 Apr 2023 15:20

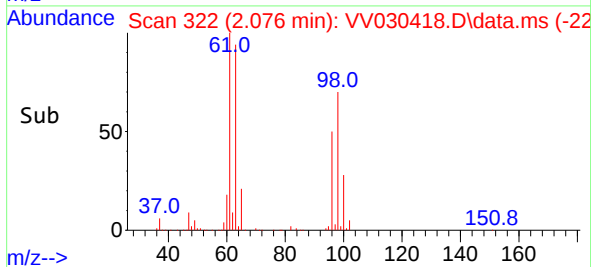
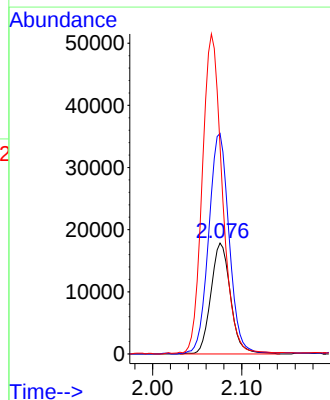
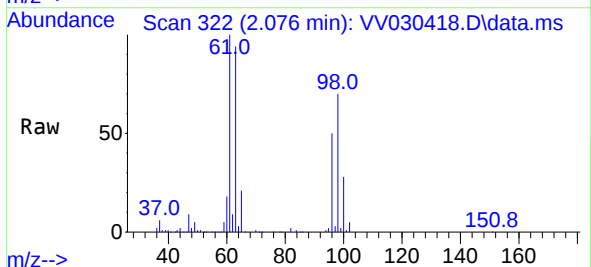
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

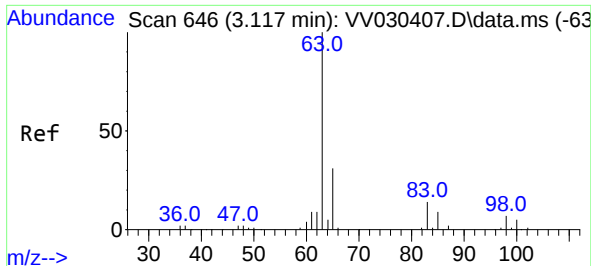
Tgt Ion:101 Resp: 18348
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 2.645 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030418.D
 Acq: 06 Apr 2023 15:20

Tgt Ion: 96 Resp: 27195
 Ion Ratio Lower Upper
 96 100
 61 199.0 136.3 253.1
 63 187.7 92.1 171.1#





#19

1,1-Dichloroethane

Concen: 0.174 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030418.D

Acq: 06 Apr 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

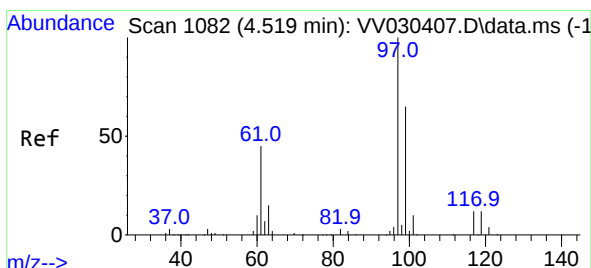
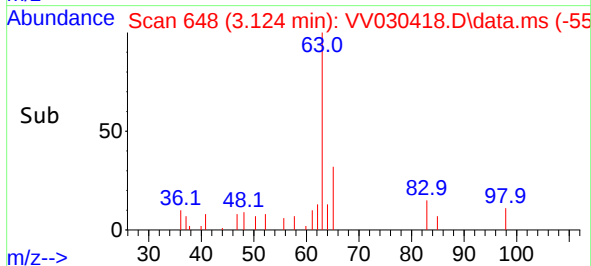
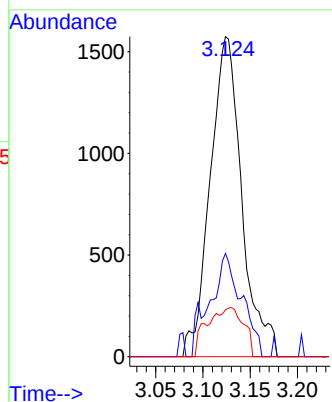
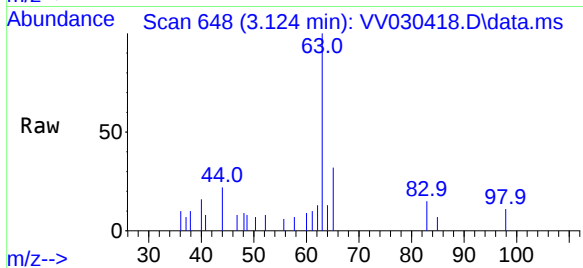
Tgt Ion: 63 Resp: 3659

Ion Ratio Lower Upper

63 100

65 32.3 21.7 40.3

83 14.7 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 74.437 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030418.D

Acq: 06 Apr 2023 15:20

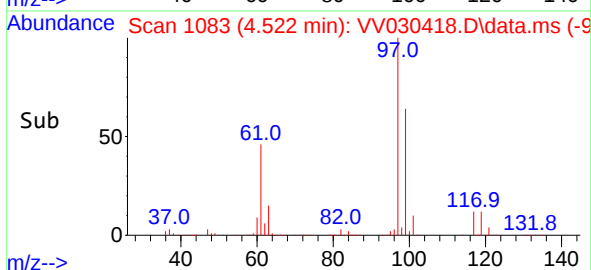
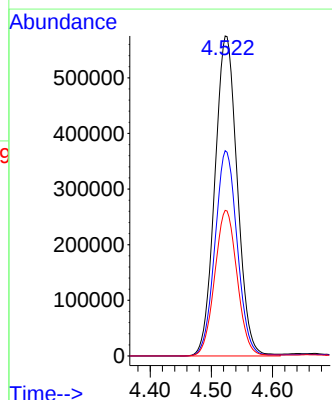
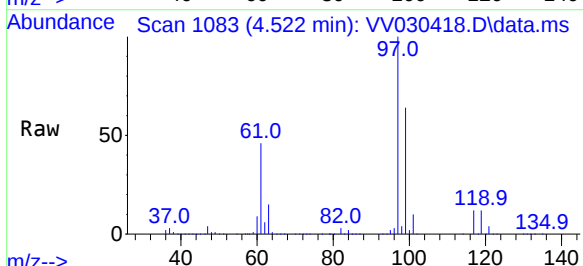
Tgt Ion: 97 Resp: 1466969

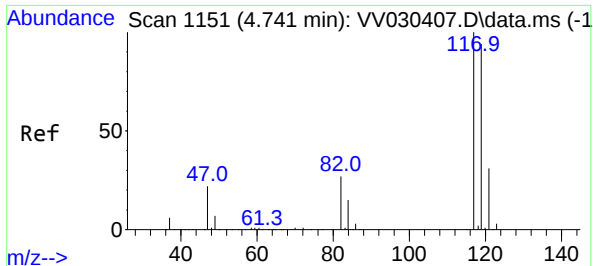
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 45.5 35.9 53.9

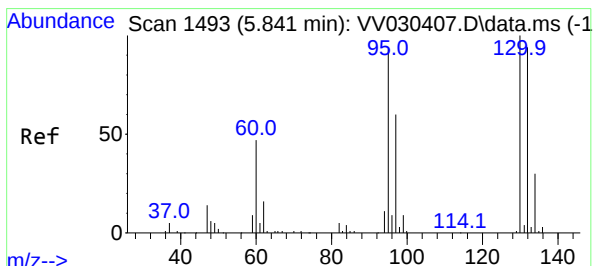
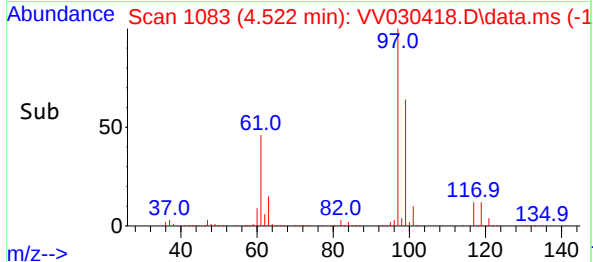
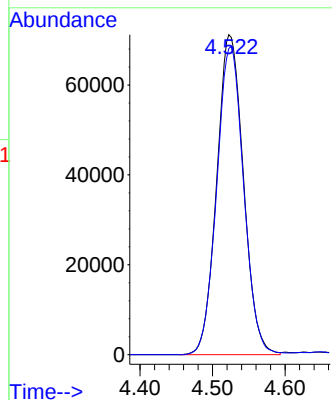
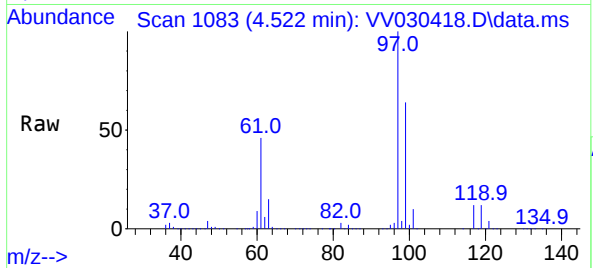




#31
Carbon tetrachloride
Concen: 10.181 ug/L
RT: 4.522 min Scan# 1151
Delta R.T. -0.222 min
Lab File: VV030418.D
Acq: 06 Apr 2023 15:20

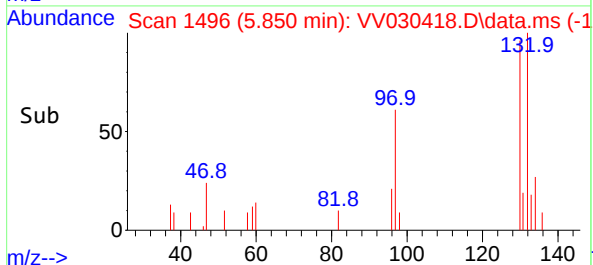
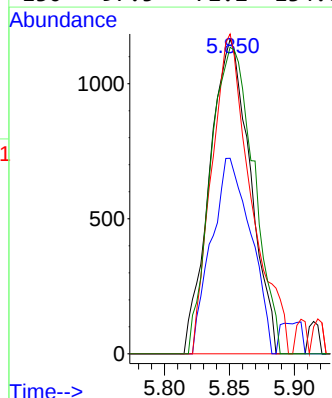
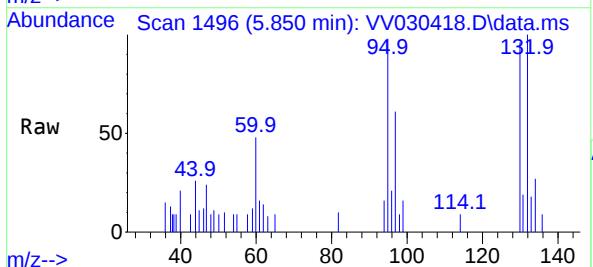
Instrument :
MSVOA_V
ClientSampleId :
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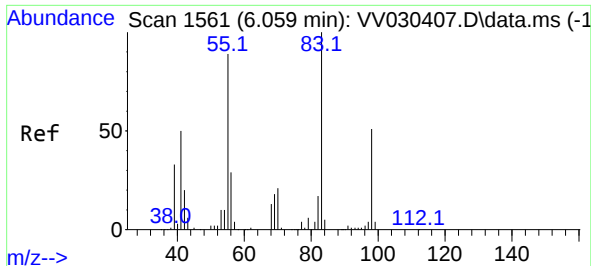
Tgt Ion:117 Resp: 182048
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#34
Trichloroethene
Concen: 0.215 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.010 min
Lab File: VV030418.D
Acq: 06 Apr 2023 15:20

Tgt Ion: 95 Resp: 2529
Ion Ratio Lower Upper
95 100
97 62.2 44.2 82.2
132 101.7 69.5 129.1
130 97.5 72.2 134.0

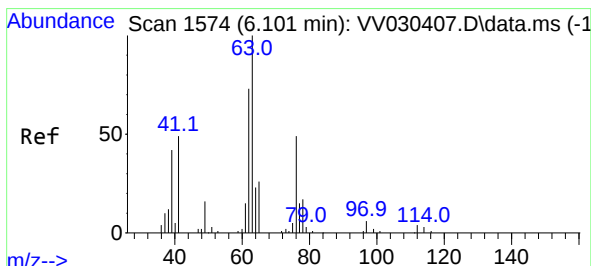
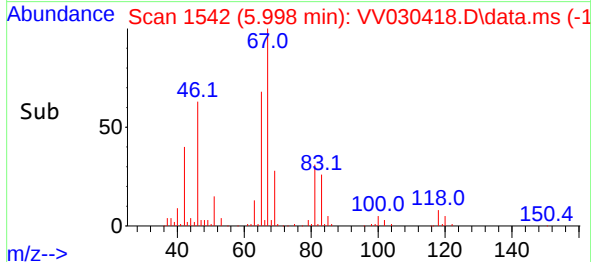
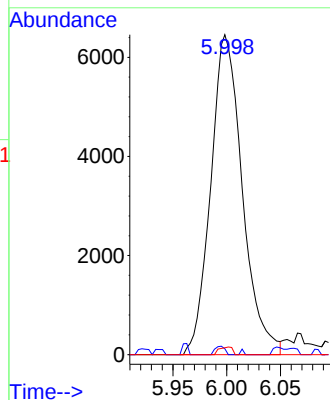
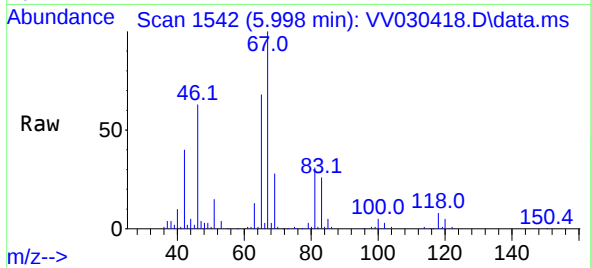




#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030418.D
Acq: 06 Apr 2023 15:20

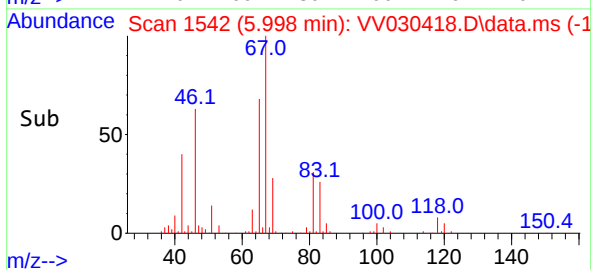
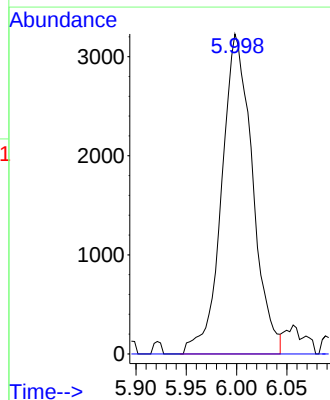
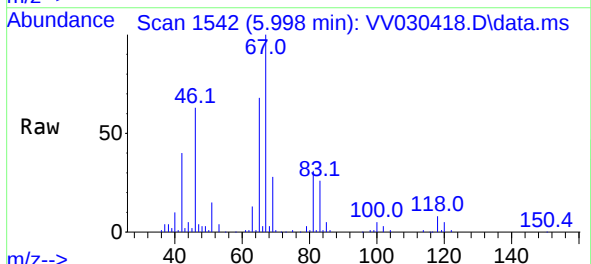
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MSVOA_V
ClientSampleId :
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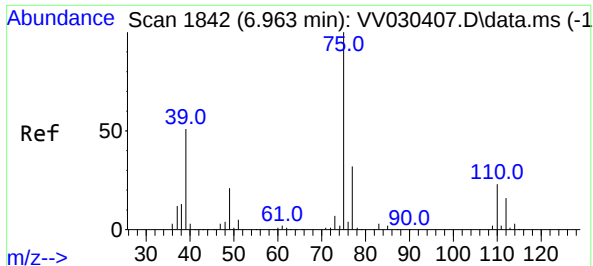
Tgt Ion: 83 Resp: 13207
Ion Ratio Lower Upper
83 100
55 0.8 66.6 100.0#
98 1.0 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030418.D
Acq: 06 Apr 2023 15:20

Tgt Ion: 63 Resp: 6891
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.928 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV030418.D

Acq: 06 Apr 2023 15:20

Instrument :

MSVOA_V

ClientSampleId :

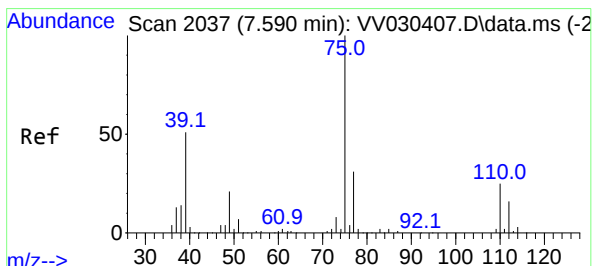
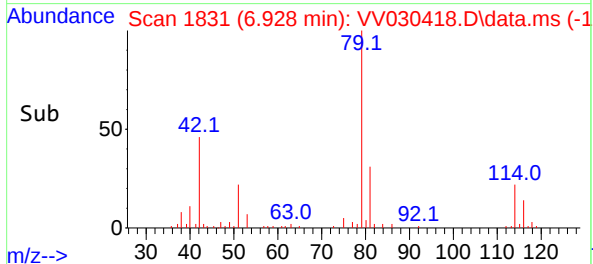
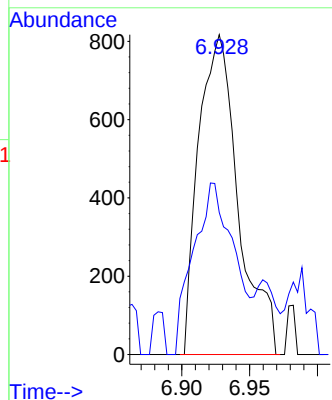
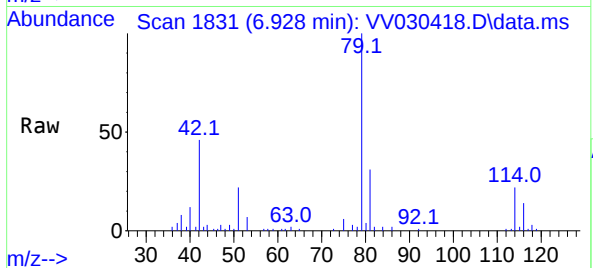
C0AB8

Tgt Ion: 75 Resp: 1667

Ion Ratio Lower Upper

75 100

77 44.4 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.029 min

Lab File: VV030418.D

Acq: 06 Apr 2023 15:20

Tgt Ion: 75 Resp: 1186

Ion Ratio Lower Upper

75 100

77 62.1 21.2 39.4#

