

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030523.D
 Acq On : 12 Apr 2023 17:21
 Operator : SY/MD
 Sample : 02250-05DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx6DL

Quant Time: Apr 13 02:50:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

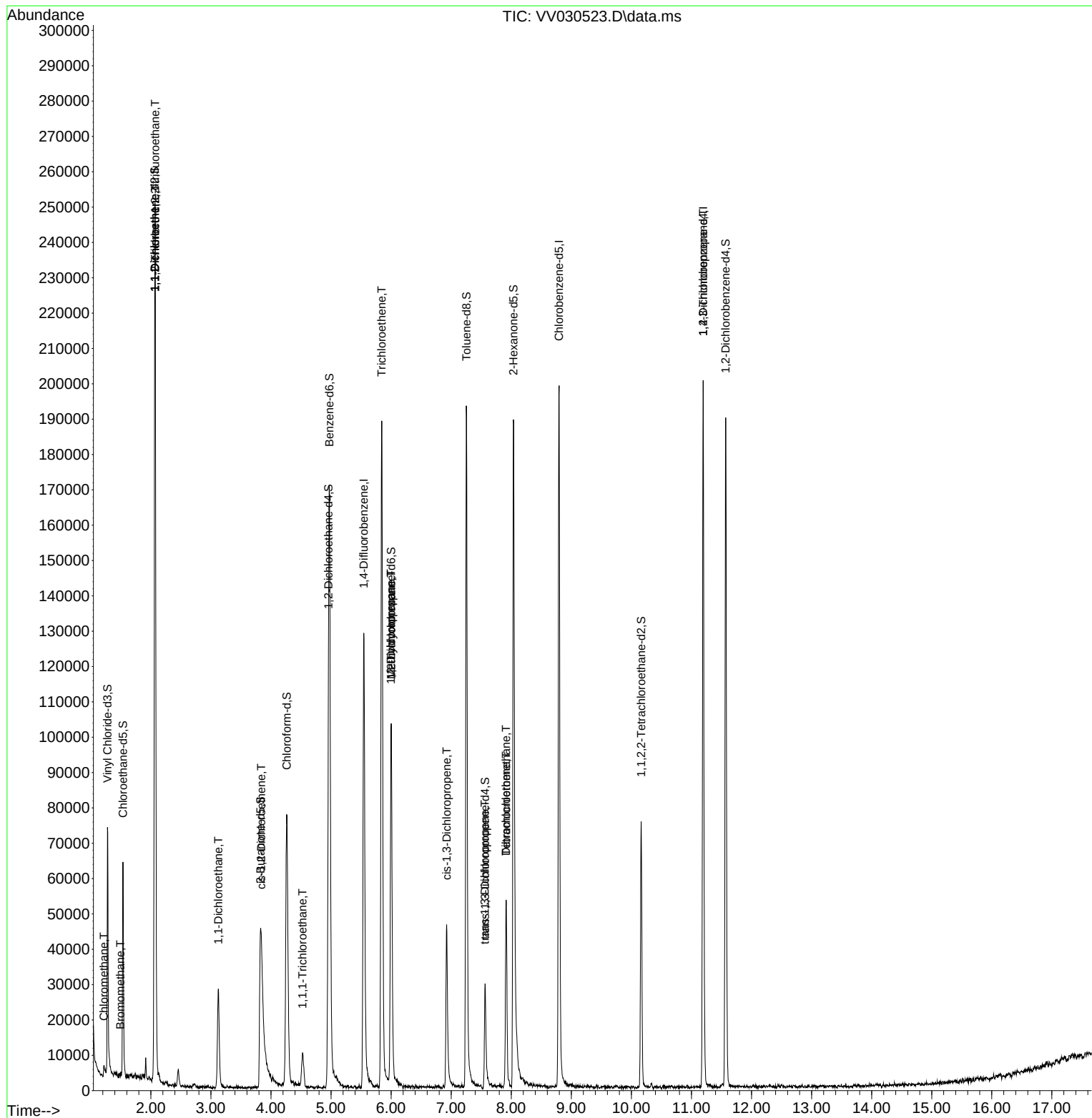
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	109191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	109864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48545	6.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	134.200%#
7) Chloroethane-d5	1.536	69	37526	5.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.066	63	94993	5.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.800%
20) 2-Butanone-d5	3.828	46	80429	43.029	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.060%
24) Chloroform-d	4.262	84	81668	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.957	65	43405	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.973	84	148457	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.002	67	45993	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.252	98	127623	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.564	79	17596	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.037	63	68331	46.598	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.200%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34674	4.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	48134	5.054	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1730	0.099	ug/L	97
6) Bromomethane	1.494	94	314	0.086	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4622	0.450	ug/L	94
12) 1,1-Dichloroethene	2.072	96	41515	4.550	ug/L	88
19) 1,1-Dichloroethane	3.124	63	26624	1.429	ug/L	96
22) cis-1,2-Dichloroethene	3.838	96	2641	0.274	ug/L	95
29) 1,1,1-Trichloroethane	4.526	97	7190	0.407	ug/L	94
34) Trichloroethene	5.844	95	65027	6.179	ug/L	99
35) Methylcyclohexane	6.002	83	11637	0.704	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	6102	0.609	ug/L #	85
39) cis-1,3-Dichloropropene	6.924	75	1277	0.091	ug/L #	59
44) trans-1,3-Dichloropropene	7.561	75	969	0.081	ug/L #	59
47) Tetrachloroethene	7.915	164	12249	1.319	ug/L	90
49) Dibromochloromethane	7.915	129	10721	1.277	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6063	1.273	ug/L #	68

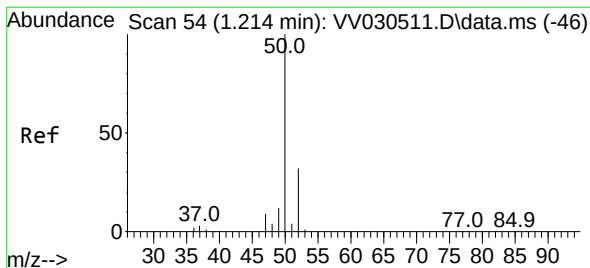
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 13 02:44:31 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.099 ug/L

RT: 1.220 min Scan# 50

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

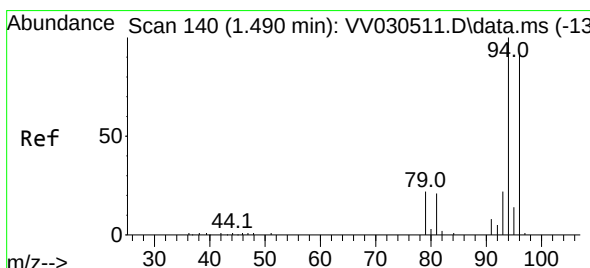
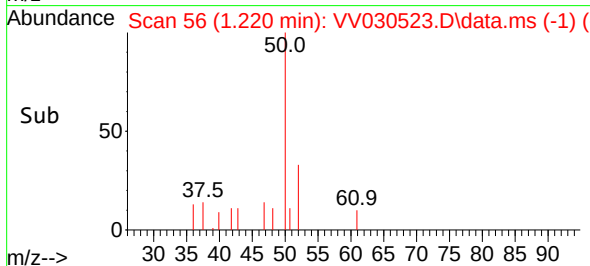
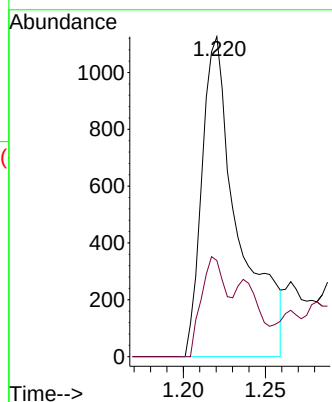
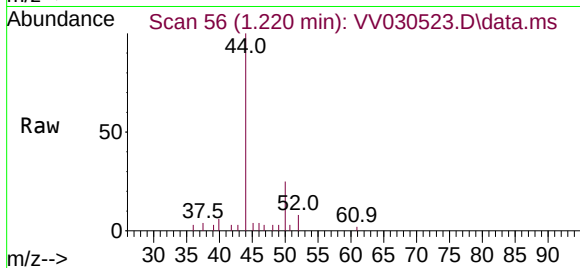
BHDX6DL

Tgt Ion: 50 Resp: 1730

Ion Ratio Lower Upper

50 100

52 30.0 22.3 41.5



#6

Bromomethane

Concen: 0.086 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030523.D

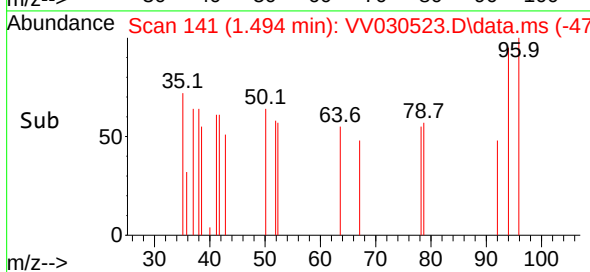
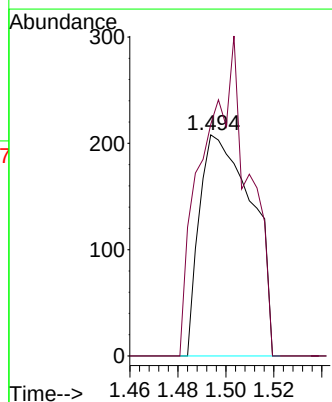
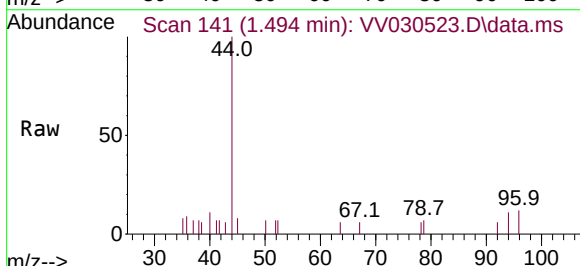
Acq: 12 Apr 2023 17:21

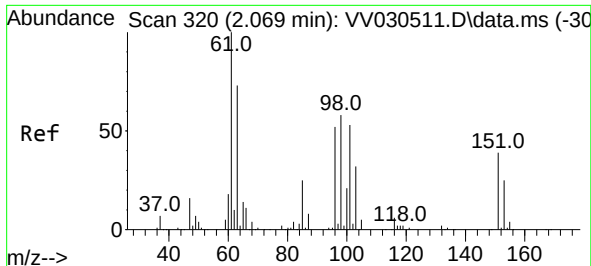
Tgt Ion: 94 Resp: 314

Ion Ratio Lower Upper

94 100

96 104.8 66.1 122.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.450 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

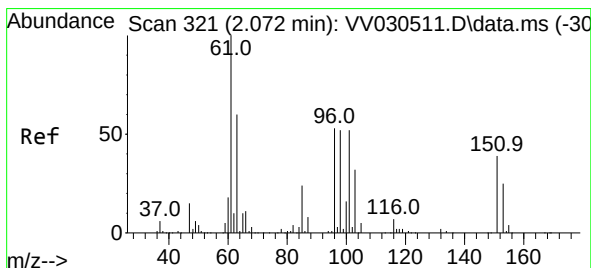
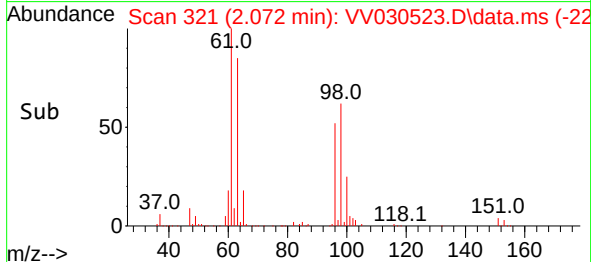
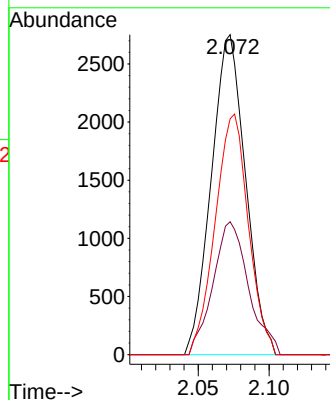
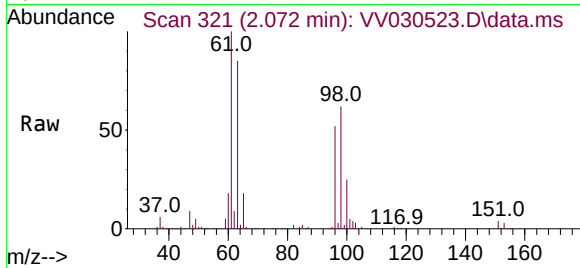
Tgt Ion:101 Resp: 4622

Ion Ratio Lower Upper

101 100

85 43.3 38.1 57.1

151 73.1 62.7 94.1



#12

1,1-Dichloroethene

Concen: 4.550 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

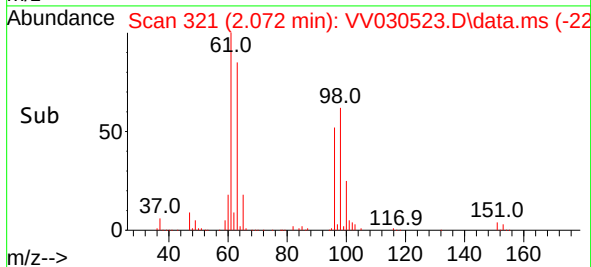
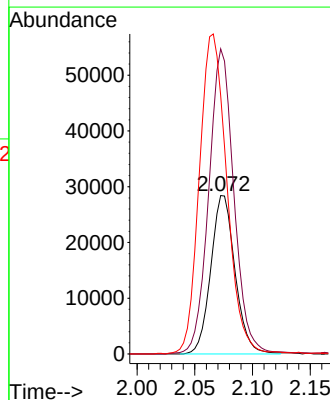
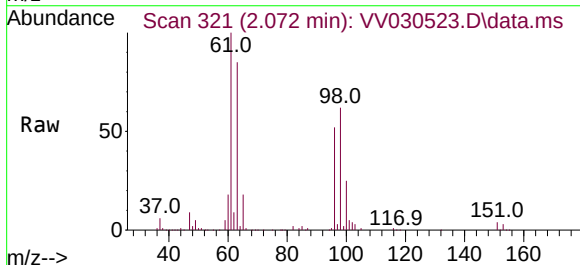
Tgt Ion: 96 Resp: 41515

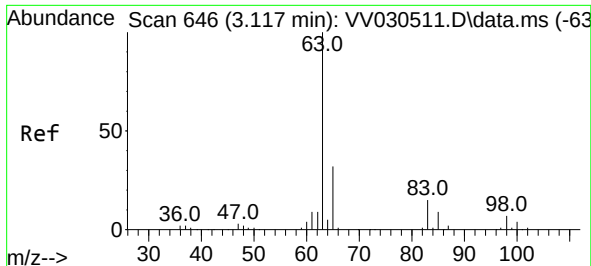
Ion Ratio Lower Upper

96 100

61 192.7 136.3 253.1

63 163.2 92.1 171.1





#19

1,1-Dichloroethane

Concen: 1.429 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

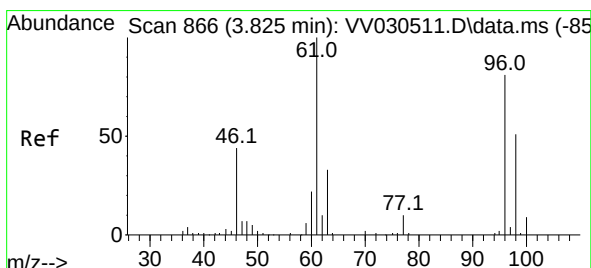
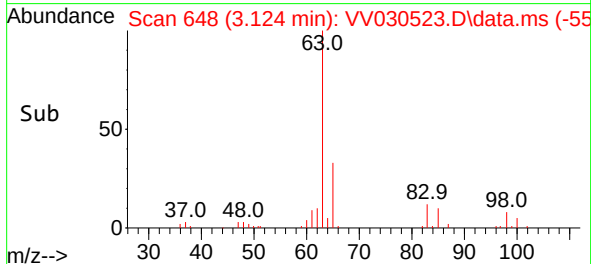
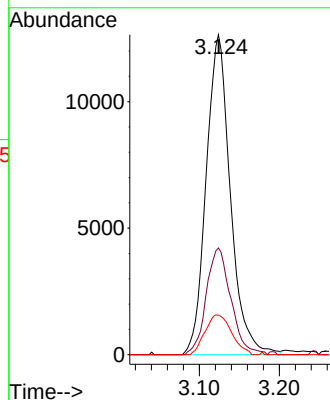
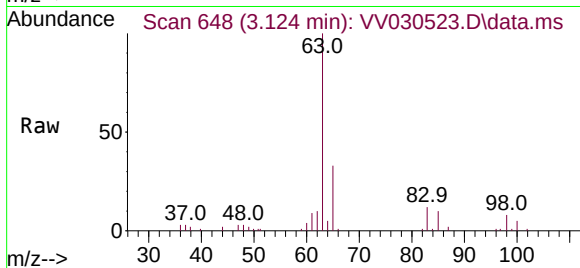
Tgt Ion: 63 Resp: 26624

Ion Ratio Lower Upper

63 100

65 33.4 21.7 40.3

83 12.3 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.274 ug/L

RT: 3.838 min Scan# 870

Delta R.T. 0.013 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

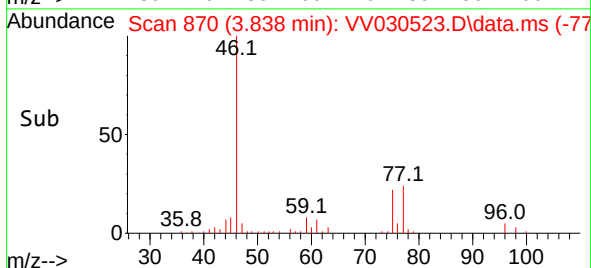
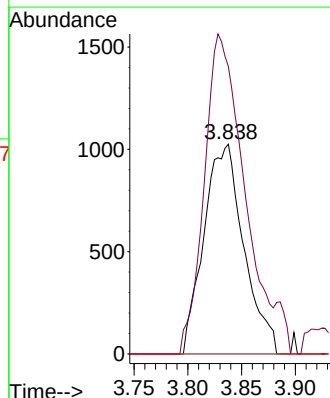
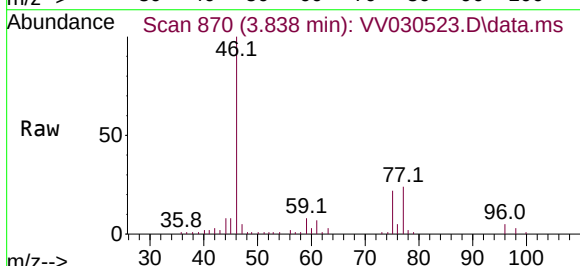
Tgt Ion: 96 Resp: 2641

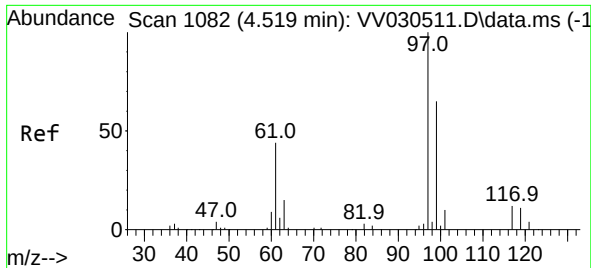
Ion Ratio Lower Upper

96 100

61 137.1 92.0 170.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.407 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

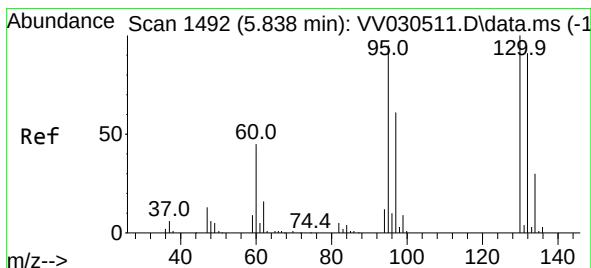
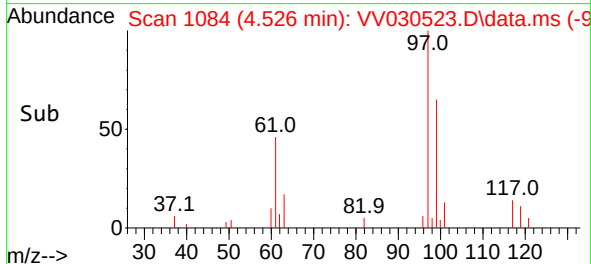
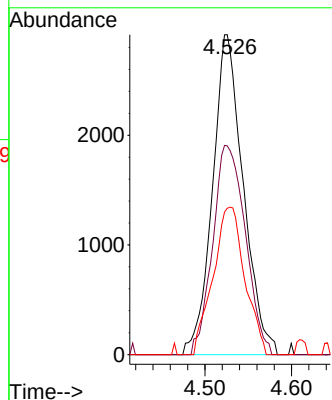
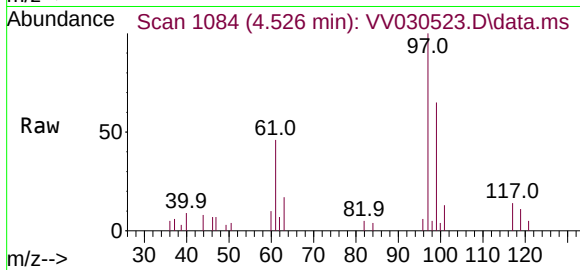
Tgt Ion: 97 Resp: 7190

Ion Ratio Lower Upper

97 100

99 69.5 50.9 76.3

61 47.7 35.9 53.9



#34

Trichloroethene

Concen: 6.179 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Tgt Ion: 95 Resp: 65027

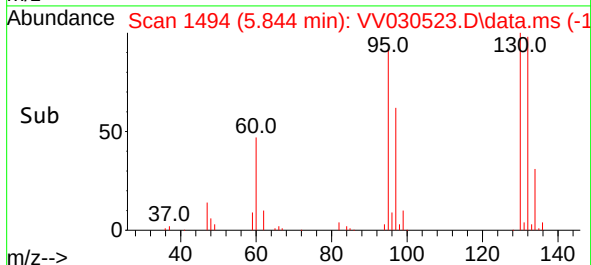
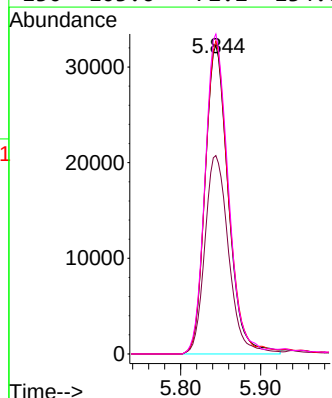
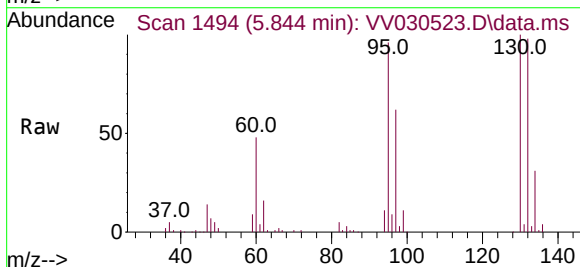
Ion Ratio Lower Upper

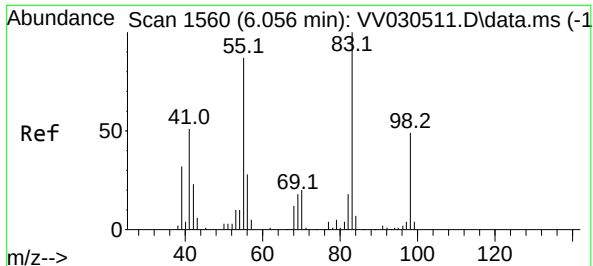
95 100

97 64.3 44.2 82.2

132 101.4 69.5 129.1

130 103.6 72.2 134.0





#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 6.002 min Scan# 11637

Delta R.T. -0.055 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

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MSVOA_V

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BHDX6DL

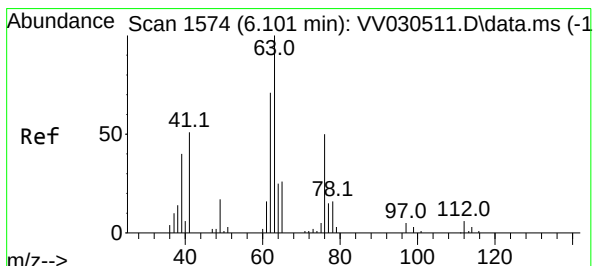
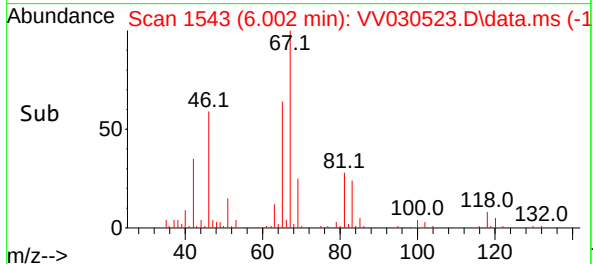
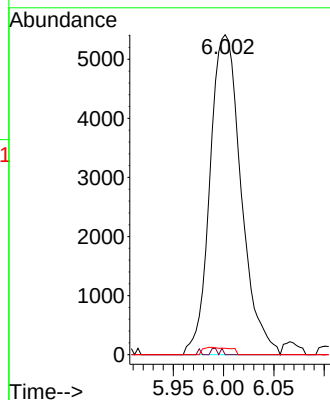
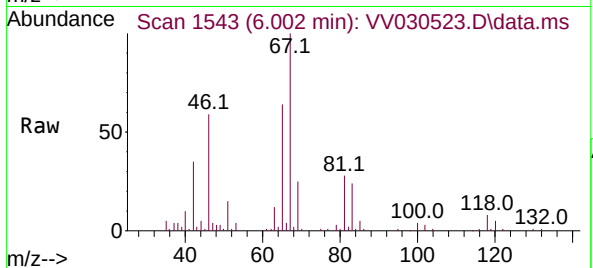
Tgt Ion: 83 Resp: 11637

Ion Ratio Lower Upper

83 100

55 0.5 66.6 100.0#

98 2.0 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 0.609 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.103 min

Lab File: VV030523.D

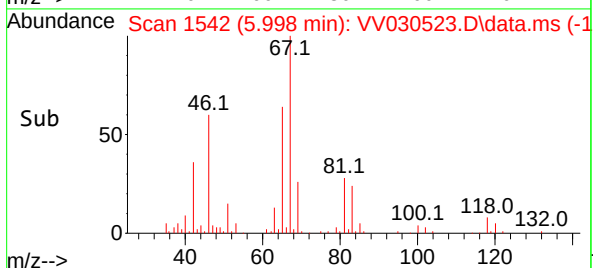
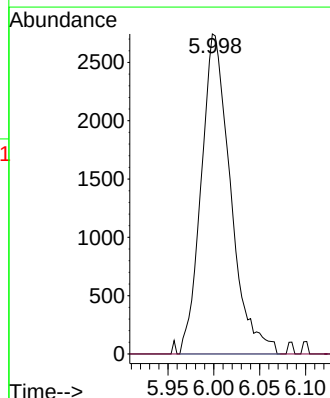
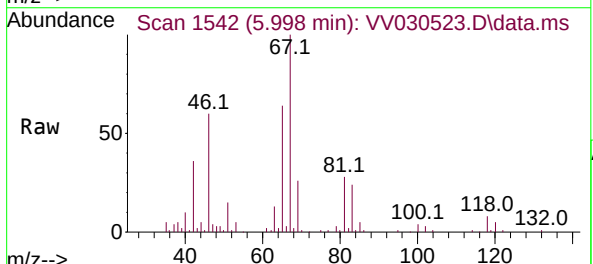
Acq: 12 Apr 2023 17:21

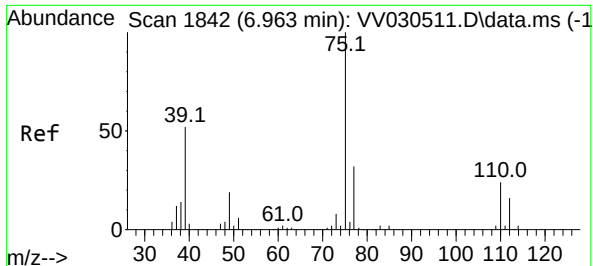
Tgt Ion: 63 Resp: 6102

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

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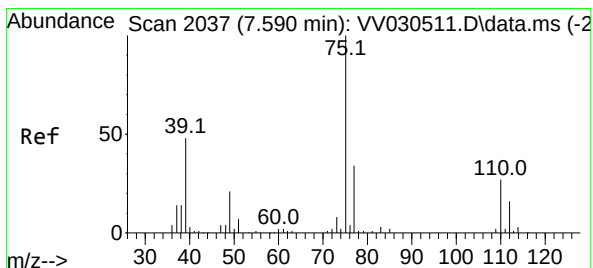
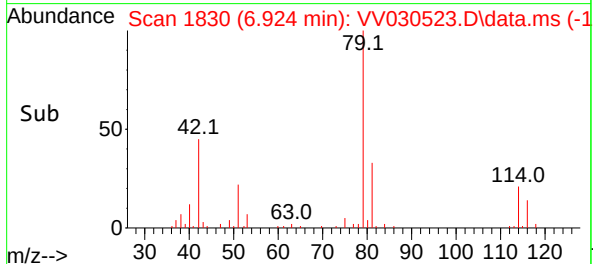
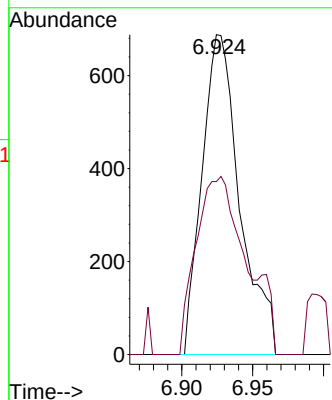
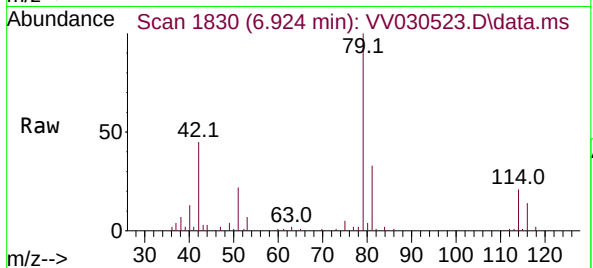
BHDX6DL

Tgt Ion: 75 Resp: 1277

Ion Ratio Lower Upper

75 100

77 54.1 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.029 min

Lab File: VV030523.D

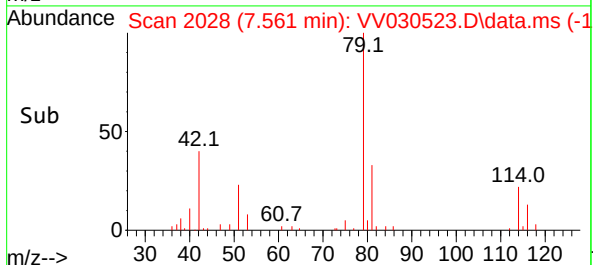
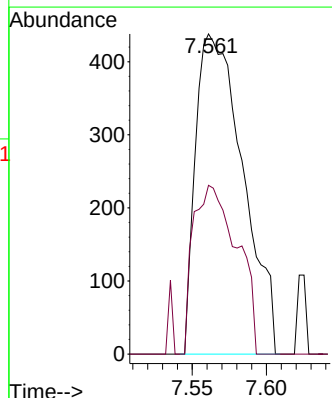
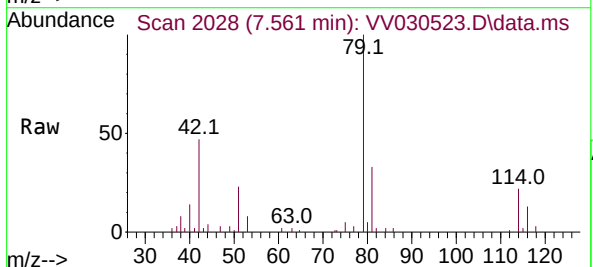
Acq: 12 Apr 2023 17:21

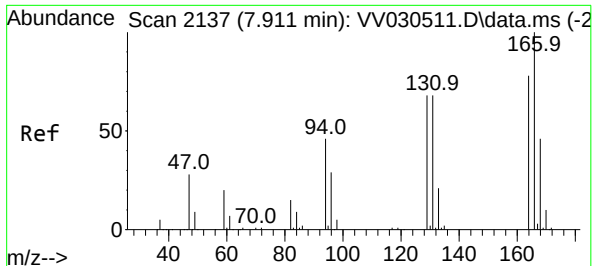
Tgt Ion: 75 Resp: 969

Ion Ratio Lower Upper

75 100

77 52.7 21.2 39.4#





#47

Tetrachloroethene

Concen: 1.319 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

Tgt Ion:164 Resp: 12249

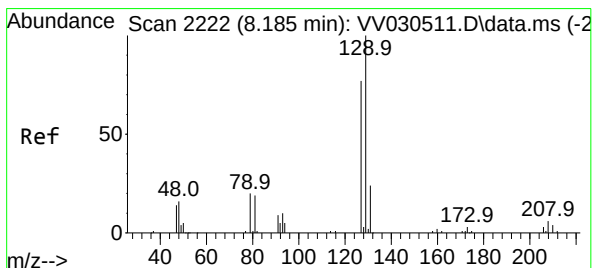
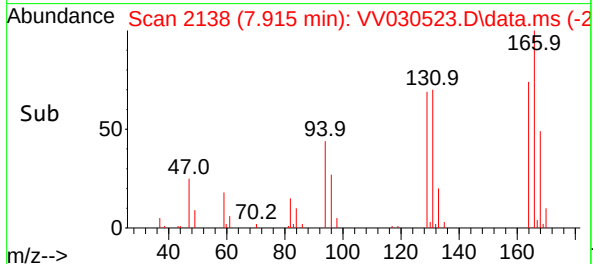
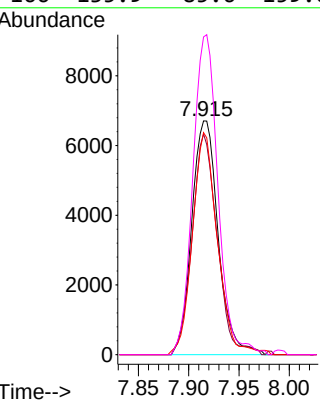
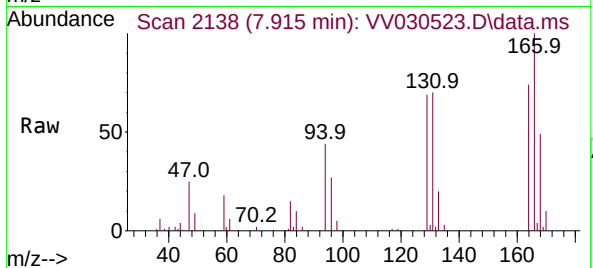
Ion Ratio Lower Upper

164 100

129 94.4 60.8 112.8

131 95.0 61.7 114.7

166 135.9 85.6 159.0



#49

Dibromochloromethane

Concen: 1.277 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030523.D

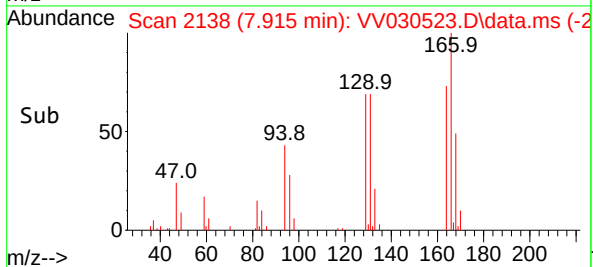
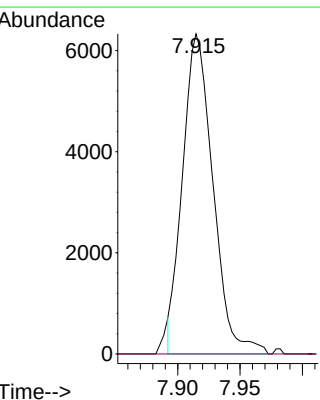
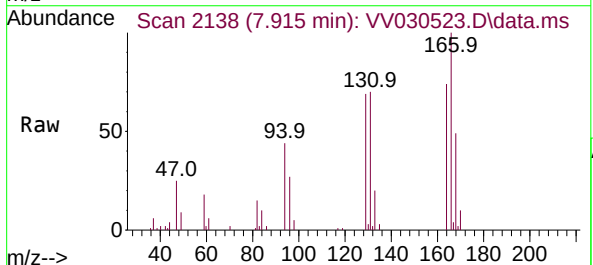
Acq: 12 Apr 2023 17:21

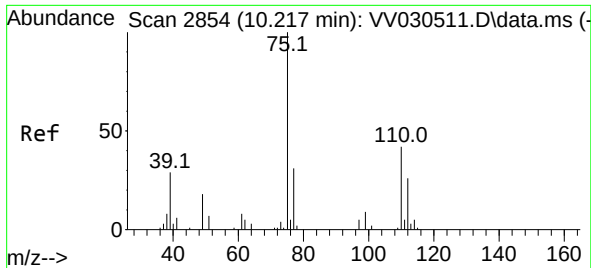
Tgt Ion:129 Resp: 10721

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.273 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.978 min
 Lab File: VV030523.D
 Acq: 12 Apr 2023 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD6DL

Tgt Ion: 75 Resp: 6063
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.0 39.0
 110 3.2 31.6 47.4#

