

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030929.D
 Acq On : 28 Apr 2023 18:32
 Operator : SY/MD
 Sample : 02488-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE73DL

Quant Time: Apr 29 01:11:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

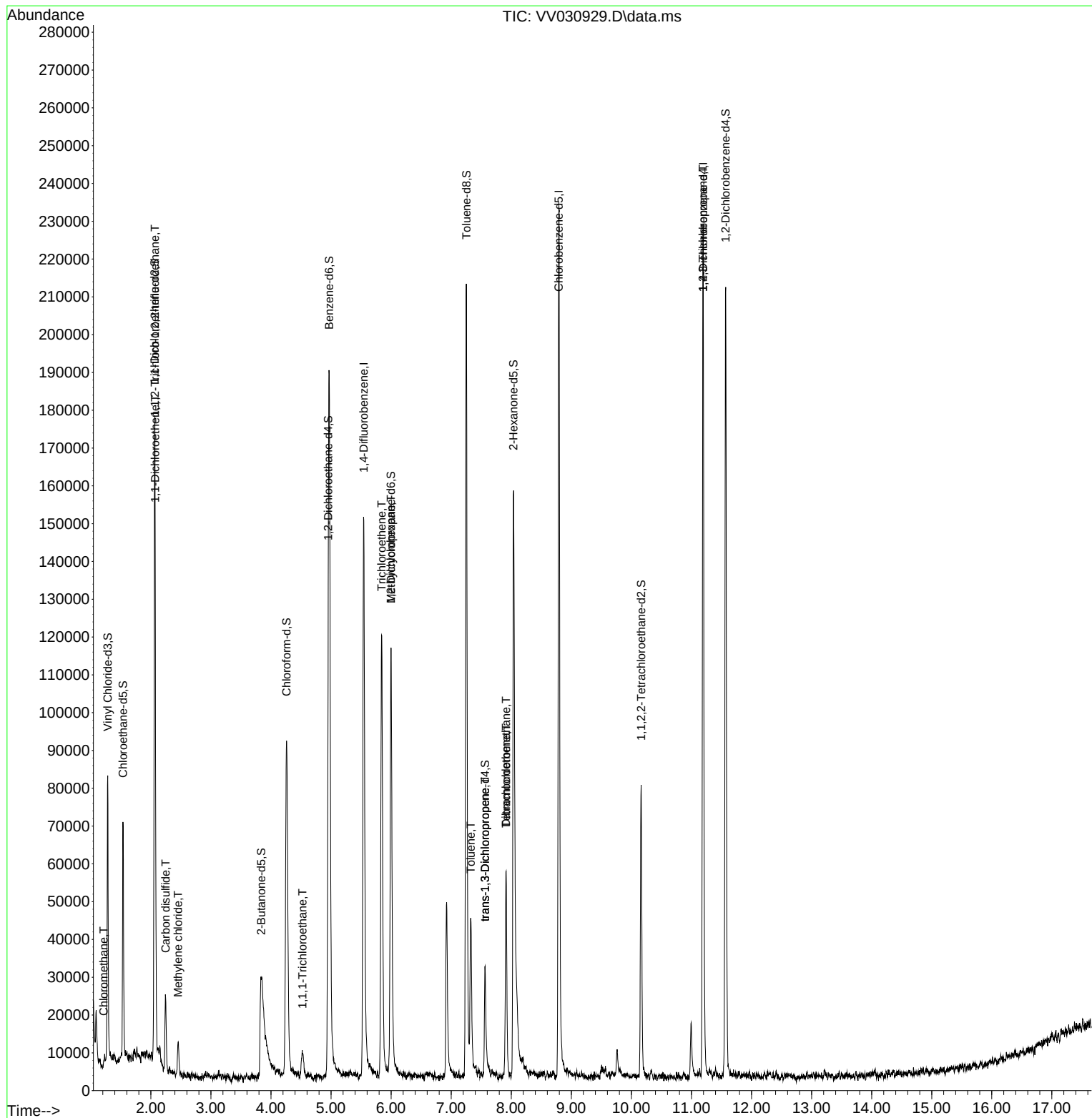
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	128699	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	125916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46299	4.366	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.536	69	41377	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.063	65	24851	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.838	46	80861	43.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.000%
24) Chloroform-d	4.259	84	94934	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.953	65	47017	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.969	84	166614	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	5.998	67	48043	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.252	98	141506	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.564	79	17206	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.037	63	59179	41.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.980%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33259	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	54870	4.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1088	0.091	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1141	0.121	ug/L #	56
12) 1,1-Dichloroethene	2.072	96	12571	1.451	ug/L #	1
14) Carbon disulfide	2.246	76	23042	1.017	ug/L	98
16) Methylene chloride	2.455	84	4090	0.417	ug/L	84
29) 1,1,1-Trichloroethane	4.526	97	5057	0.320	ug/L #	82
34) Trichloroethene	5.844	95	39768	4.710	ug/L	97
35) Methylcyclohexane	5.998	83	12962	0.991	ug/L #	18
42) Toluene	7.326	91	29584	0.868	ug/L	95
44) trans-1,3-Dichloropropene	7.564	75	1247	0.130	ug/L	93
47) Tetrachloroethene	7.911	164	11697	1.452	ug/L	97
49) Dibromochloromethane	7.915	129	9594	1.368	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	7167	1.836	ug/L #	62

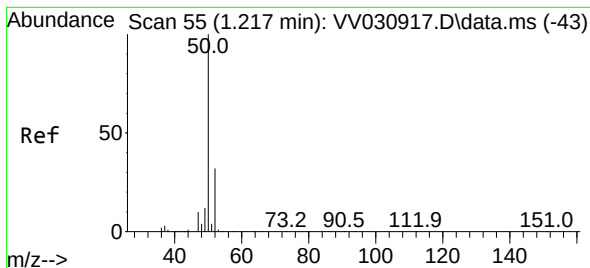
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030929.D

Acq: 28 Apr 2023 18:32

Instrument :

MSVOA_V

ClientSampleId :

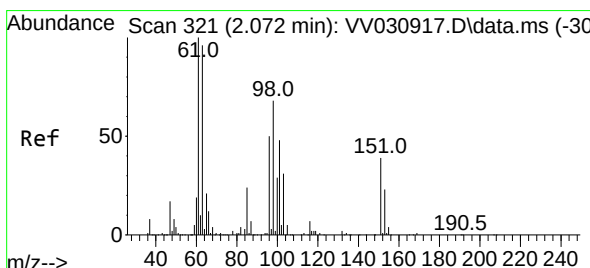
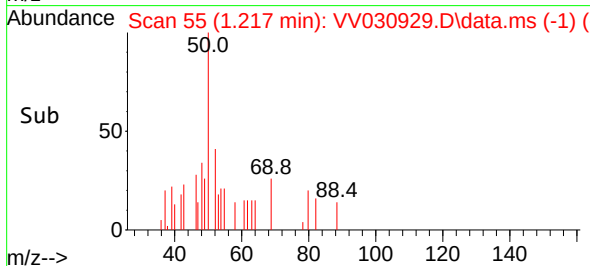
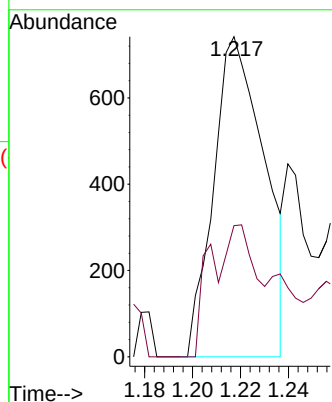
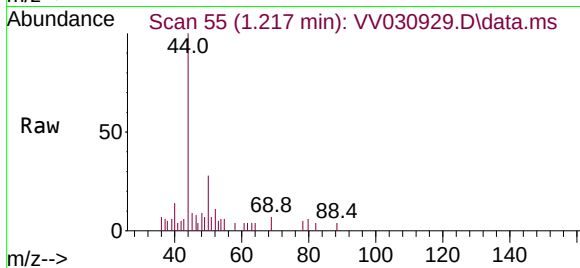
BHE73DL

Tgt Ion: 50 Resp: 1088

Ion Ratio Lower Upper

50 100

52 41.0 22.8 42.4



#10

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

Concen: 0.121 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV030929.D

Acq: 28 Apr 2023 18:32

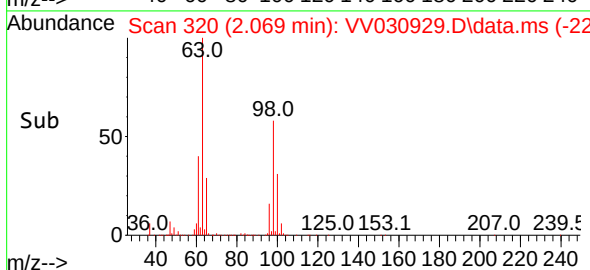
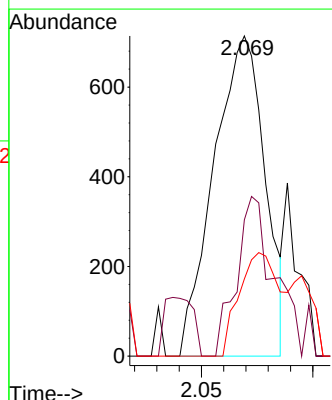
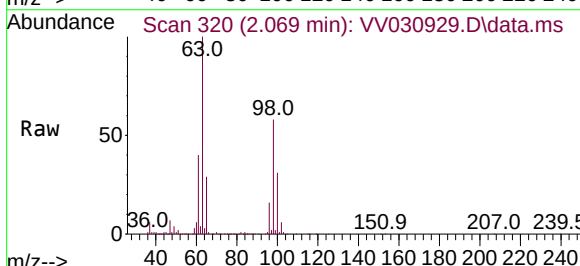
Tgt Ion: 101 Resp: 1141

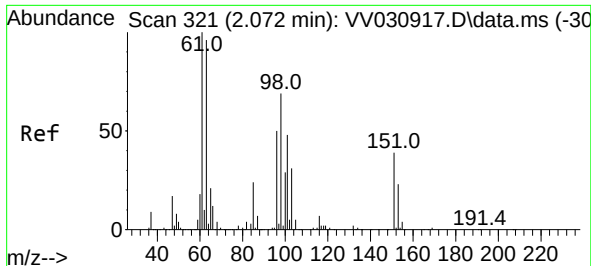
Ion Ratio Lower Upper

101 100

85 38.5 38.7 58.1#

151 25.9 65.1 97.7#

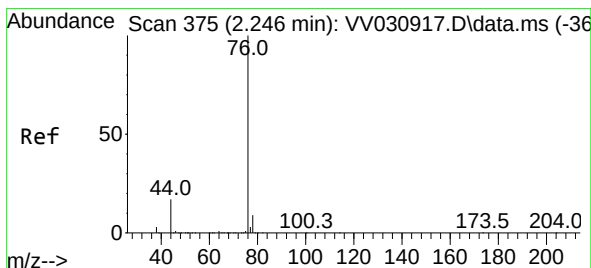
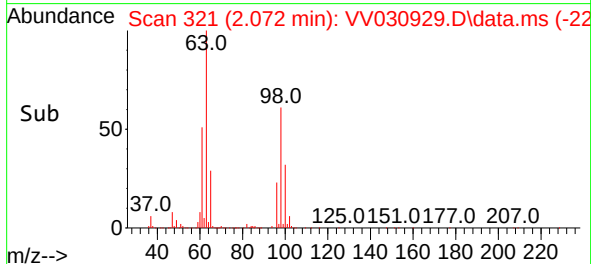
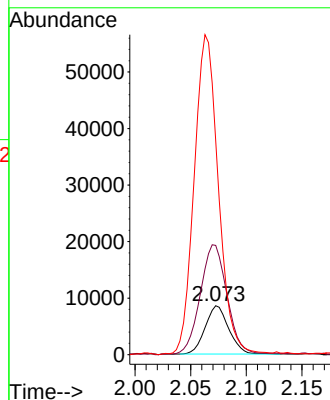
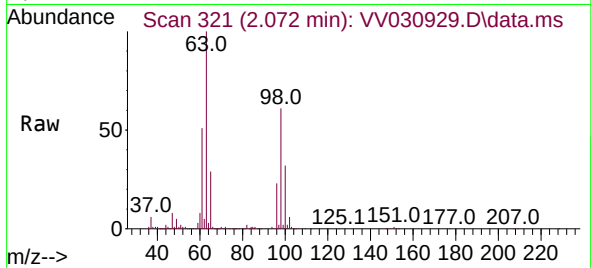




#12
1,1-Dichloroethene
Concen: 1.451 ug/L
RT: 2.072 min Scan# 312
Delta R.T. 0.000 min
Lab File: VV030929.D
Acq: 28 Apr 2023 18:32

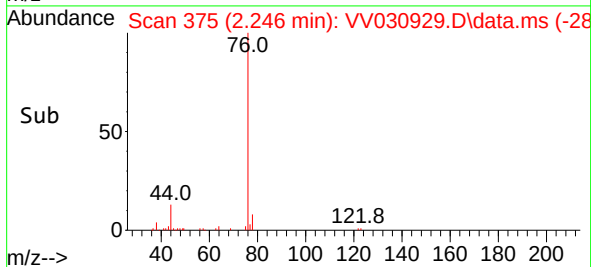
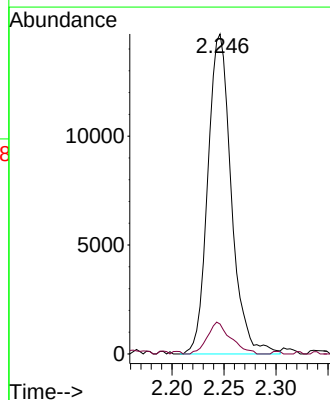
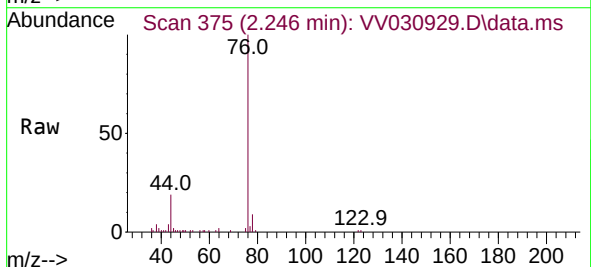
Instrument :
MSVOA_V
ClientSampleId :
BHE73DL

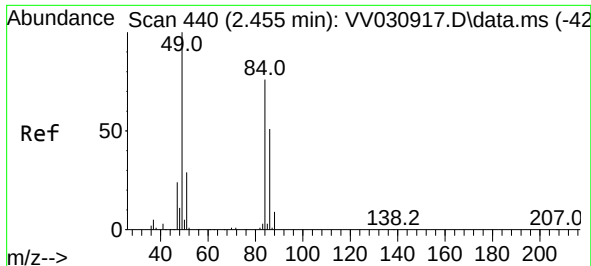
Tgt Ion: 96 Resp: 12571
Ion Ratio Lower Upper
96 100
61 222.9 135.6 251.8
63 436.5 121.1 224.9#



#14
Carbon disulfide
Concen: 1.017 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.000 min
Lab File: VV030929.D
Acq: 28 Apr 2023 18:32

Tgt Ion: 76 Resp: 23042
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

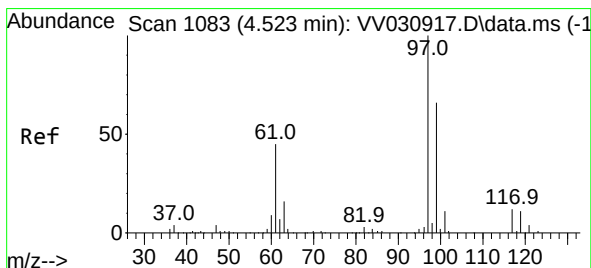
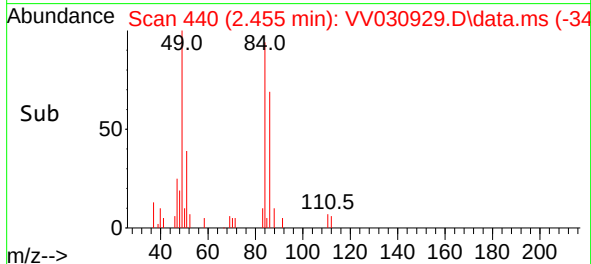
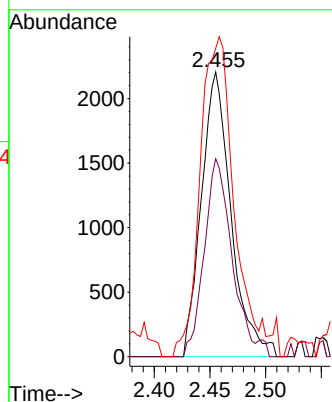
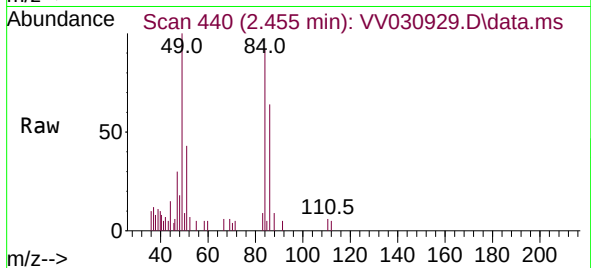




#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV030929.D
Acq: 28 Apr 2023 18:32

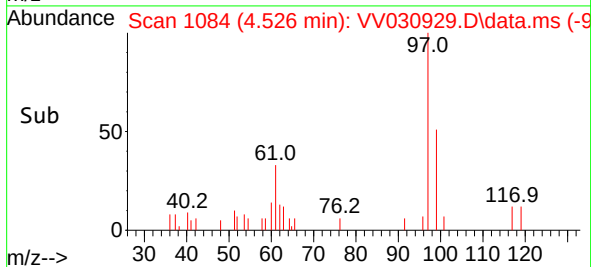
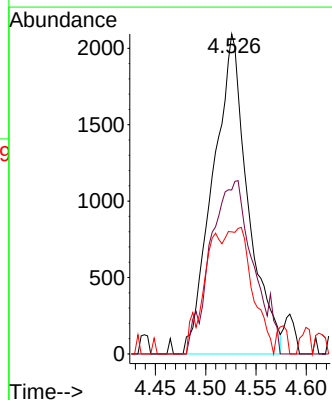
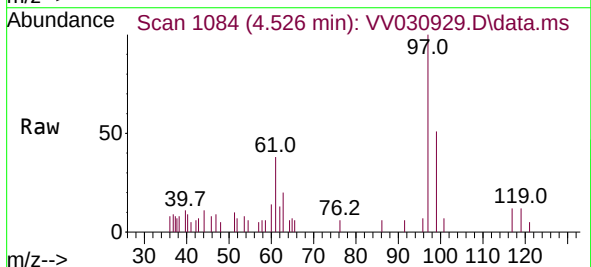
Instrument :
MSVOA_V
ClientSampleId :
BHE73DL

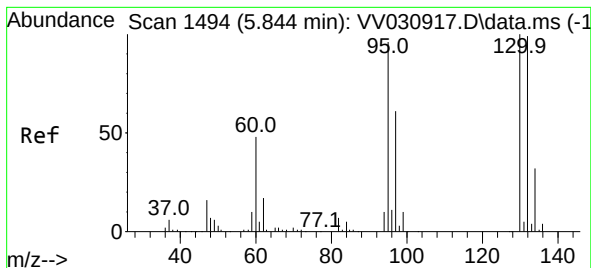
Tgt Ion: 84 Resp: 4090
Ion Ratio Lower Upper
84 100
86 69.6 46.1 85.5
49 108.3 94.3 175.1



#29
1,1,1-Trichloroethane
Concen: 0.320 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VV030929.D
Acq: 28 Apr 2023 18:32

Tgt Ion: 97 Resp: 5057
Ion Ratio Lower Upper
97 100
99 66.2 51.4 77.2
61 21.1 37.4 56.0#





#34

Trichloroethene

Concen: 4.710 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VV030929.D

Acq: 28 Apr 2023 18:32

Instrument :

MSVOA_V

ClientSampleId :

BHE73DL

Tgt Ion: 95 Resp: 39768

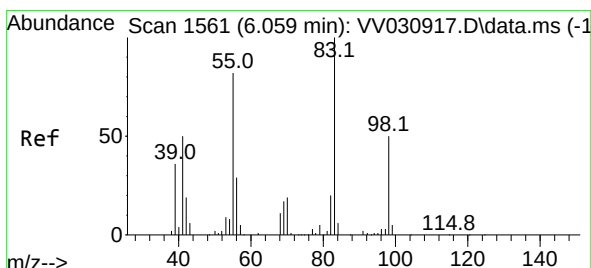
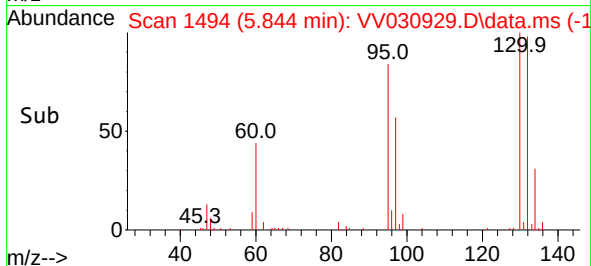
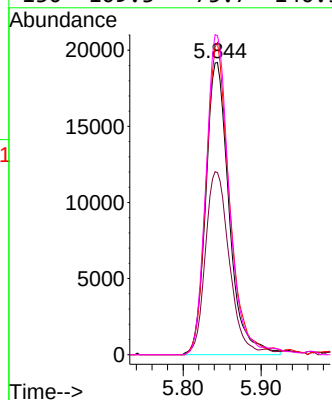
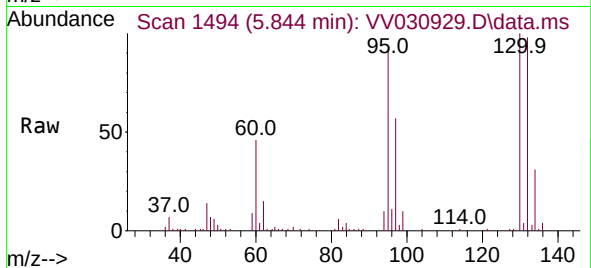
Ion Ratio Lower Upper

95 100

97 62.3 46.2 85.8

132 106.8 72.7 135.1

130 109.3 75.7 140.5



#35

Methylcyclohexane

Concen: 0.991 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV030929.D

Acq: 28 Apr 2023 18:32

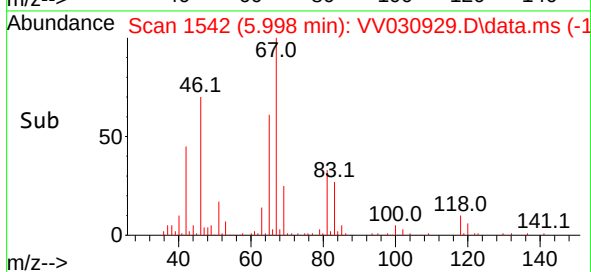
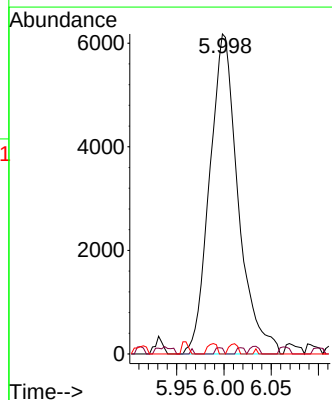
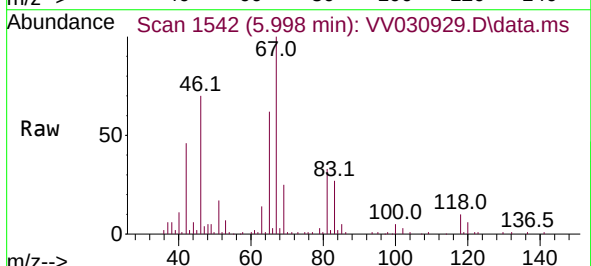
Tgt Ion: 83 Resp: 12962

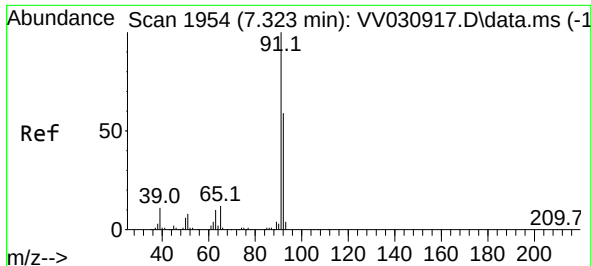
Ion Ratio Lower Upper

83 100

55 0.5 62.9 94.3#

98 1.0 40.5 60.7#





#42

Toluene

Concen: 0.868 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030929.D

Acq: 28 Apr 2023 18:32

Instrument :

MSVOA_V

ClientSampleId :

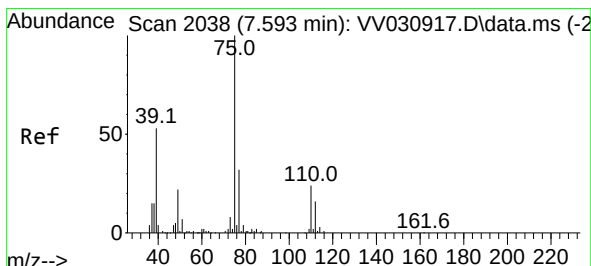
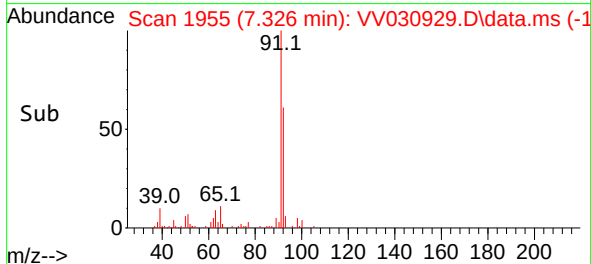
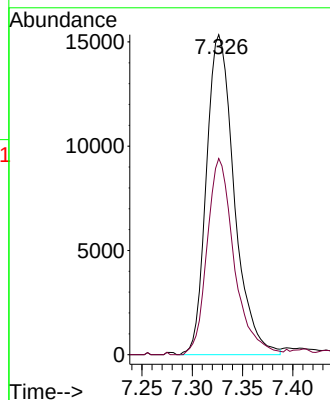
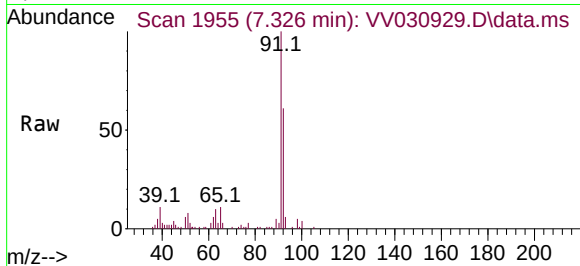
BHE73DL

Tgt Ion: 91 Resp: 29584

Ion Ratio Lower Upper

91 100

92 61.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.029 min

Lab File: VV030929.D

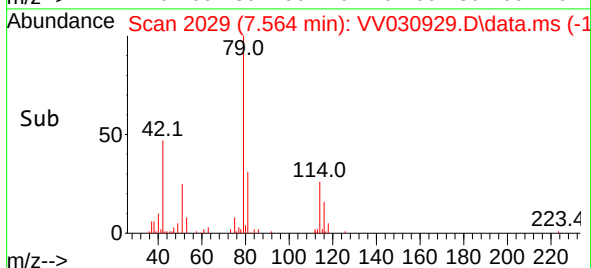
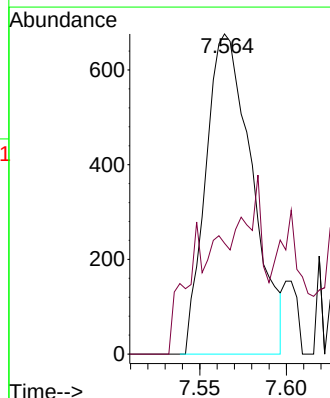
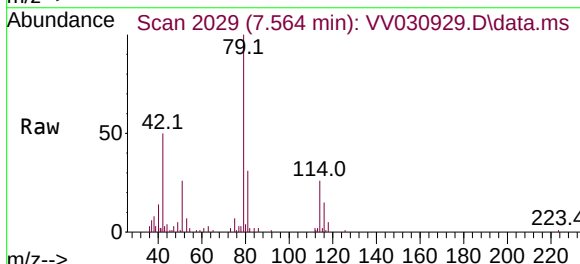
Acq: 28 Apr 2023 18:32

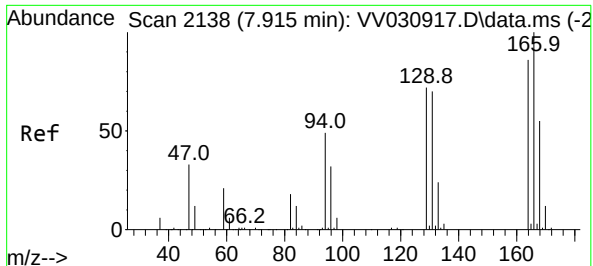
Tgt Ion: 75 Resp: 1247

Ion Ratio Lower Upper

75 100

77 34.6 21.6 40.0





#47

Tetrachloroethene

Concen: 1.452 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VV030929.D

Acq: 28 Apr 2023 18:32

Instrument :

MSVOA_V

ClientSampleId :

BHE73DL

Tgt Ion:164 Resp: 11697

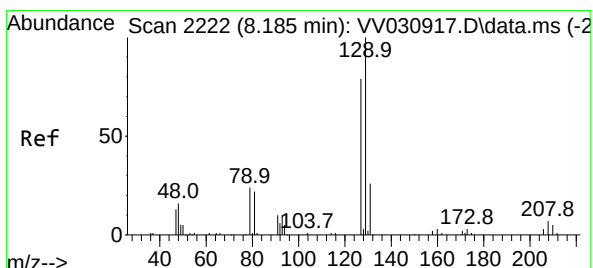
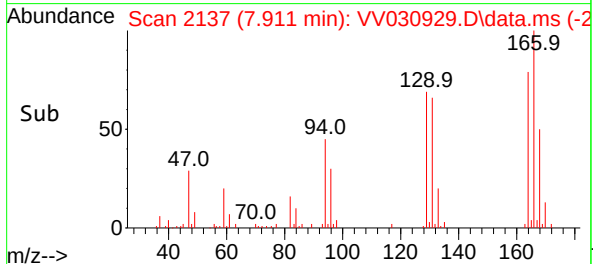
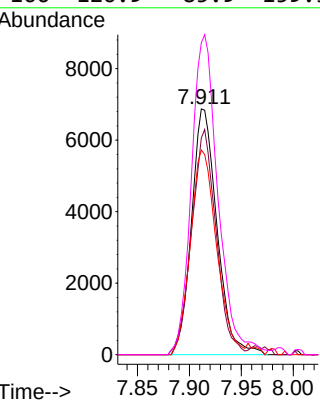
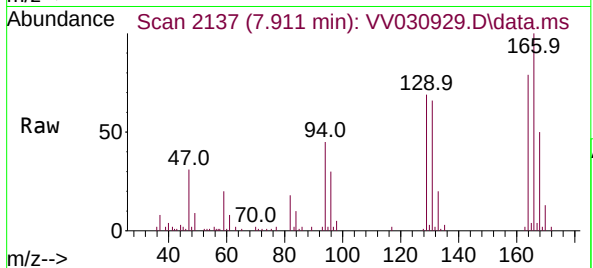
Ion Ratio Lower Upper

164 100

129 88.2 60.5 112.3

131 83.3 60.8 112.8

166 126.9 85.9 159.5



#49

Dibromochloromethane

Concen: 1.368 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030929.D

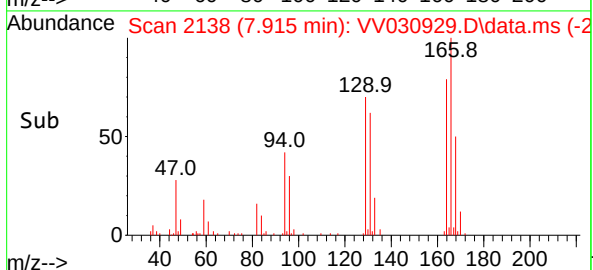
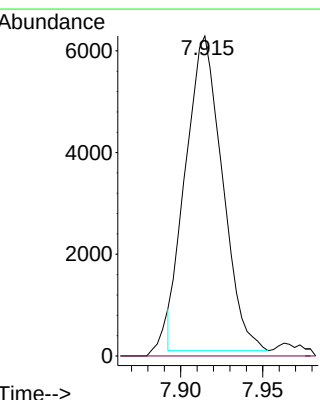
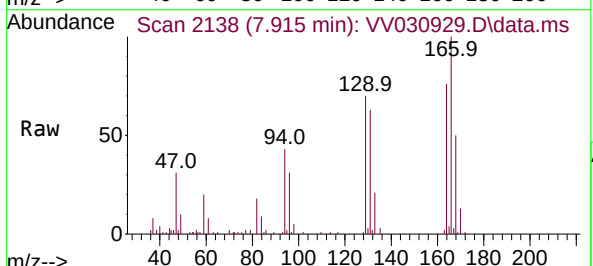
Acq: 28 Apr 2023 18:32

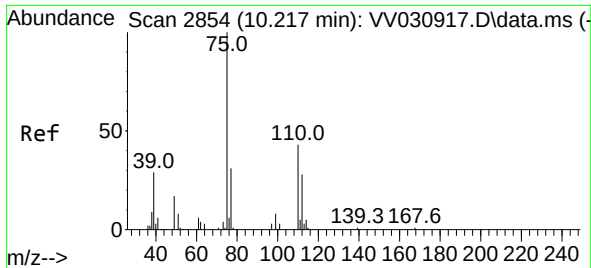
Tgt Ion:129 Resp: 9594

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.836 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030929.D
 Acq: 28 Apr 2023 18:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE73DL

Tgt Ion: 75 Resp: 7167
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.3 37.9
 110 2.9 34.0 51.0#

