

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030920.D
 Acq On : 28 Apr 2023 14:55
 Operator : SY/MD
 Sample : 02488-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE62

Quant Time: Apr 29 01:08:35 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)

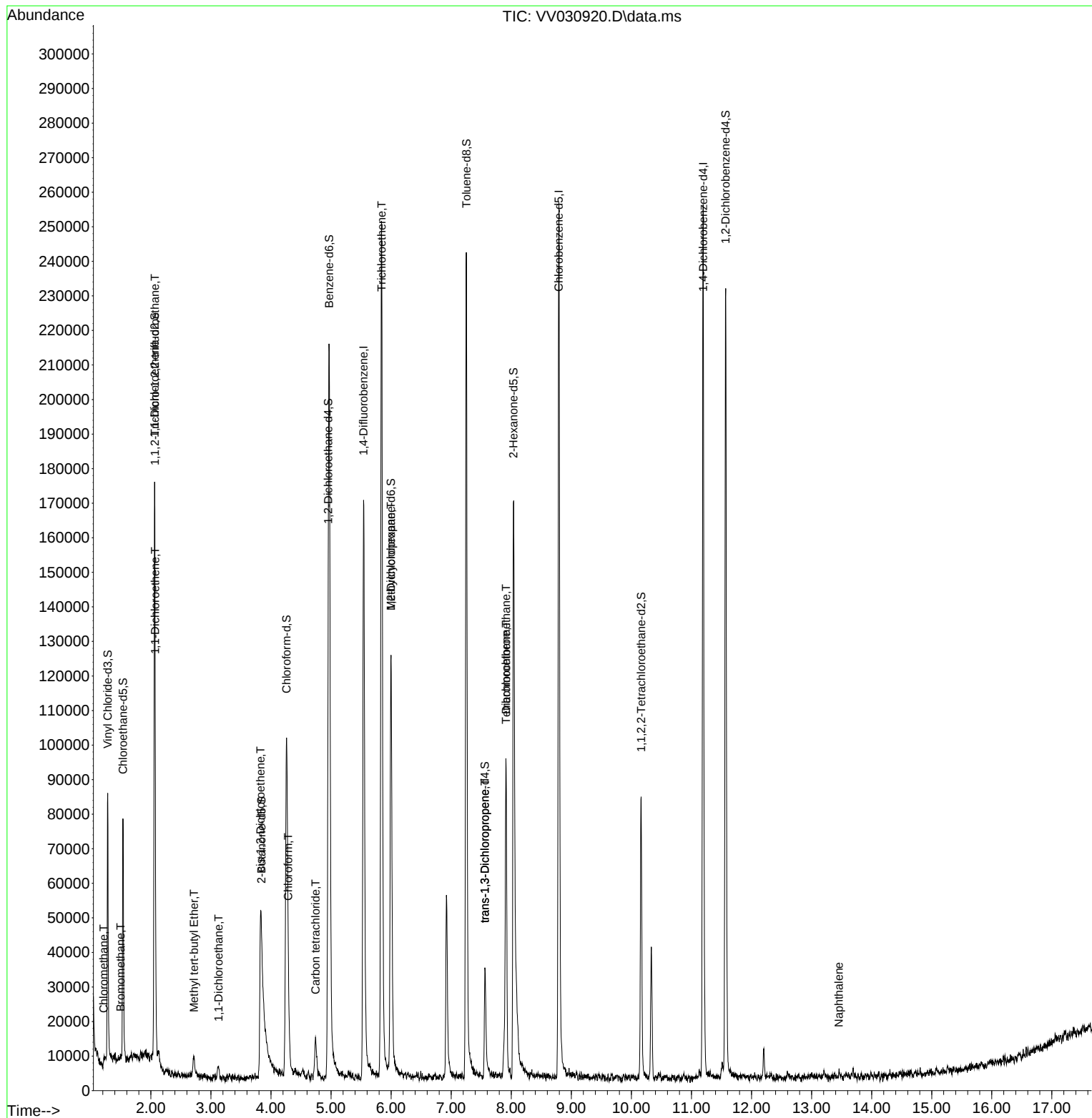
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	145518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	136684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51252	4.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.536	69	44793	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.063	65	26844	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.841	46	66286	31.178	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.360%
24) Chloroform-d	4.259	84	101402	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	4.953	65	52024	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	4.970	84	184544	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.998	67	53257	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.252	98	157107	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.561	79	19271	4.413	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.037	63	63425	41.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35732	4.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	59146	4.640	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1245	0.092	ug/L #	83
6) Bromomethane	1.497	94	484	0.090	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1550	0.146	ug/L #	60
12) 1,1-Dichloroethene	2.073	96	4260	0.435	ug/L #	1
17) Methyl tert-butyl Ether	2.719	73	5433	0.291	ug/L #	84
19) 1,1-Dichloroethane	3.127	63	3153	0.183	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	12530	1.328	ug/L	94
25) Chloroform	4.288	83	10048	0.542	ug/L	99
31) Carbon tetrachloride	4.744	117	7832	0.508	ug/L	98
34) Trichloroethene	5.841	95	84442	9.214	ug/L	95
35) Methylcyclohexane	5.998	83	14316	1.008	ug/L #	19
44) trans-1,3-Dichloropropene	7.561	75	1381	0.133	ug/L	83
47) Tetrachloroethene	7.915	164	19961	2.283	ug/L	96
49) Dibromochloromethane	7.912	129	16705	2.194	ug/L #	11
71) Naphthalene	13.455	128	1511	0.091	ug/L #	82

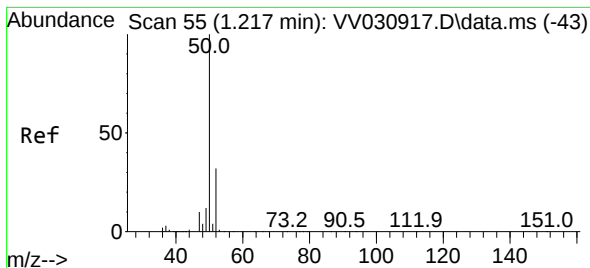
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.092 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030920.D

Acq: 28 Apr 2023 14:55

Instrument :

MSVOA_V

ClientSampleId :

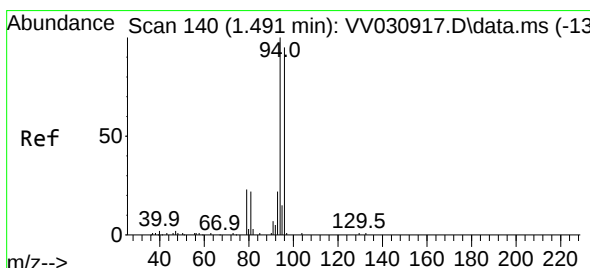
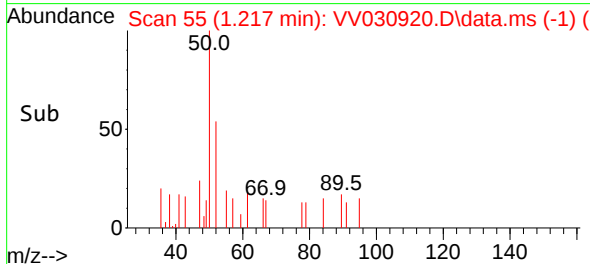
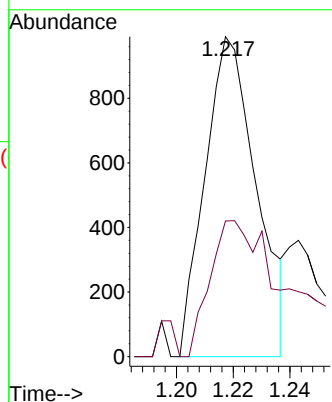
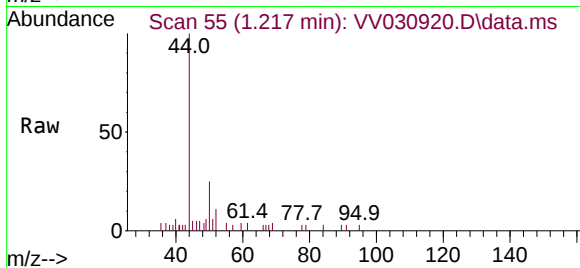
BHE62

Tgt Ion: 50 Resp: 1245

Ion Ratio Lower Upper

50 100

52 42.4 22.8 42.4#



#6

Bromomethane

Concen: 0.090 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.006 min

Lab File: VV030920.D

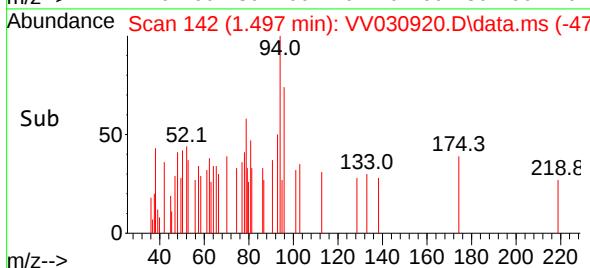
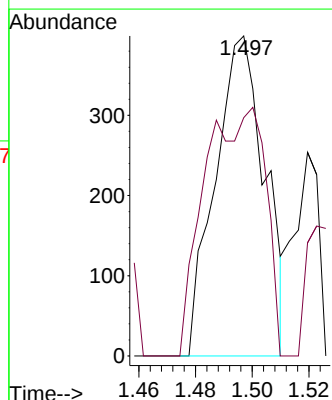
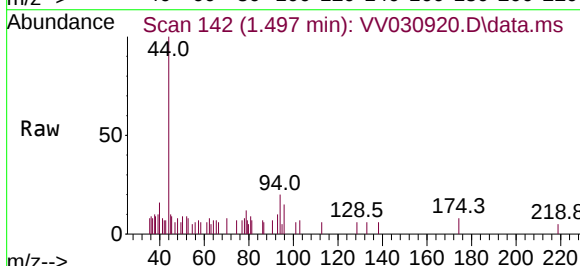
Acq: 28 Apr 2023 14:55

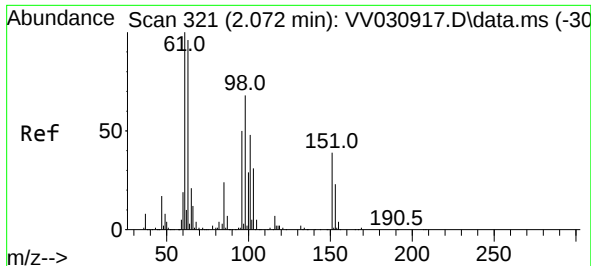
Tgt Ion: 94 Resp: 484

Ion Ratio Lower Upper

94 100

96 74.4 63.4 117.8

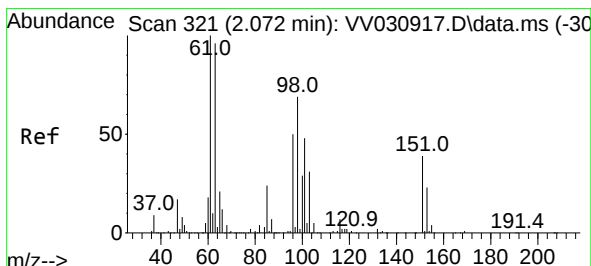
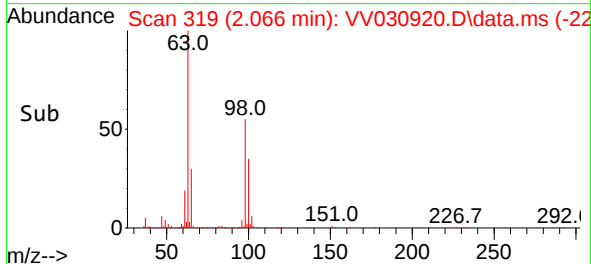
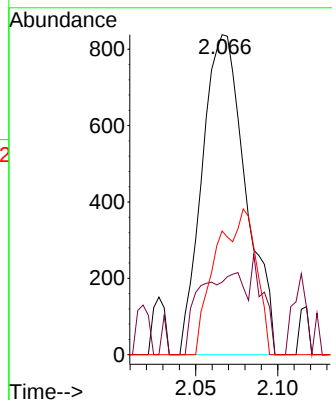
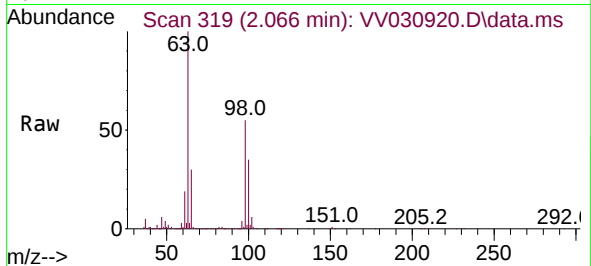




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.146 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.006 min
 Lab File: VV030920.D
 Acq: 28 Apr 2023 14:55

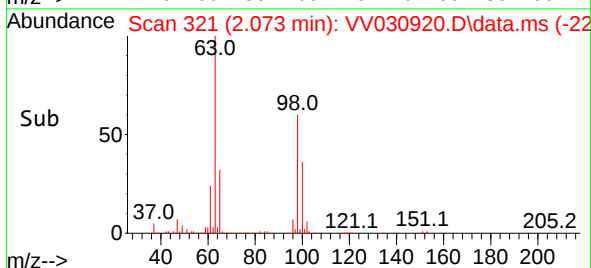
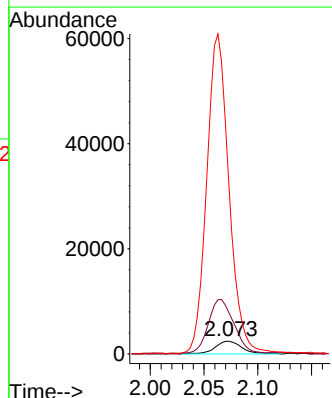
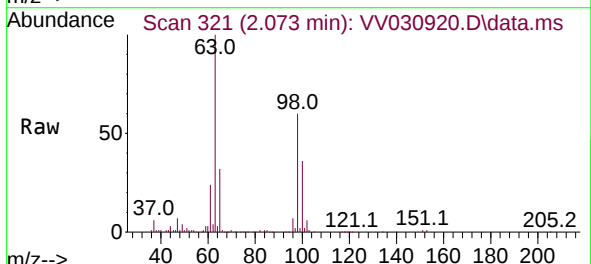
Instrument :
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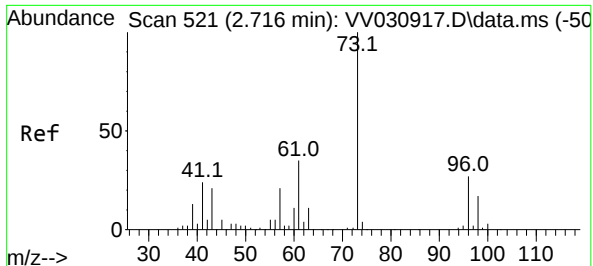
Tgt Ion: 101 Resp: 1550
 Ion Ratio Lower Upper
 101 100
 85 26.9 38.7 58.1#
 151 42.1 65.1 97.7#



#12
 1,1-Dichloroethene
 Concen: 0.435 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030920.D
 Acq: 28 Apr 2023 14:55

Tgt Ion: 96 Resp: 4260
 Ion Ratio Lower Upper
 96 100
 61 333.9 135.6 251.8#
 63 1402.6 121.1 224.9#

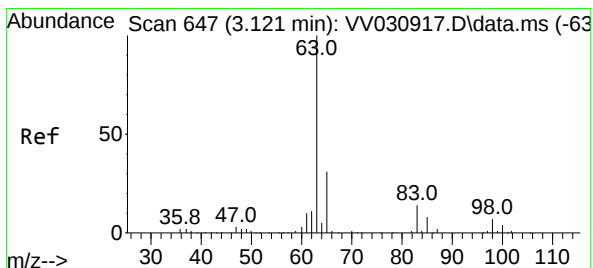
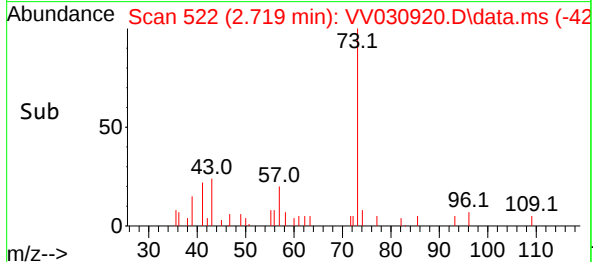
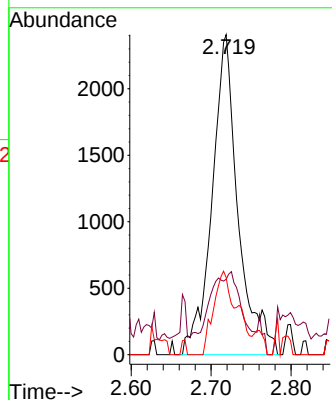
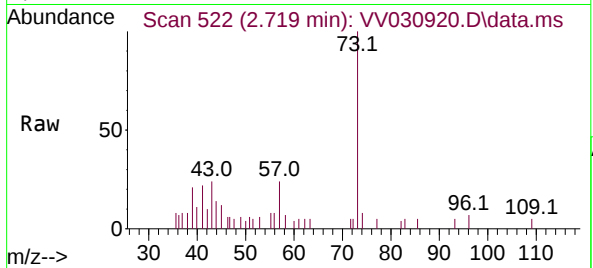




#17
Methyl tert-butyl Ether
Concen: 0.291 ug/L
RT: 2.719 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

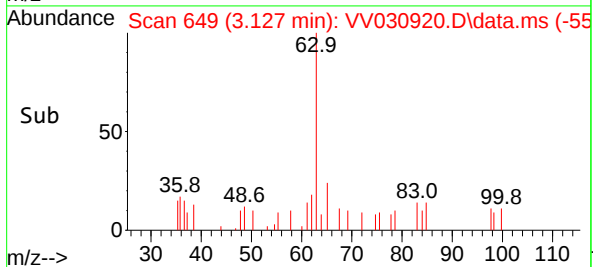
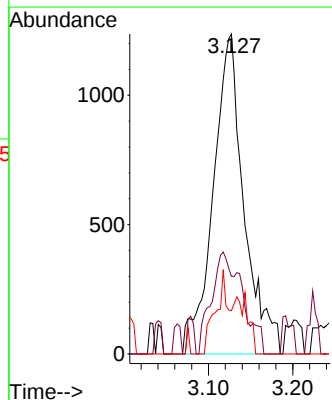
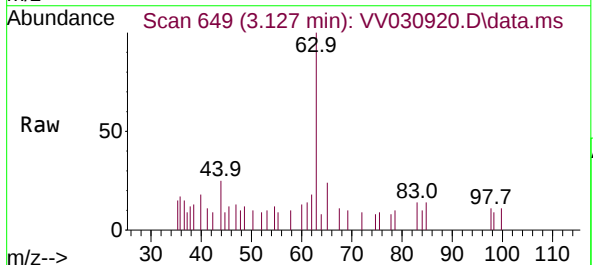
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MSVOA_V
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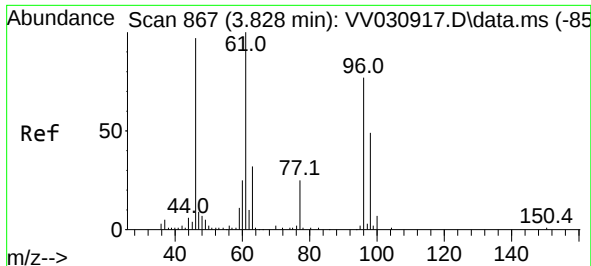
Tgt Ion: 73 Resp: 5433
Ion Ratio Lower Upper
73 100
43 10.6 19.9 29.9#
57 23.8 18.2 27.4



#19
1,1-Dichloroethane
Concen: 0.183 ug/L
RT: 3.127 min Scan# 649
Delta R.T. 0.006 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

Tgt Ion: 63 Resp: 3153
Ion Ratio Lower Upper
63 100
65 24.3 21.8 40.6
83 13.6 10.2 19.0

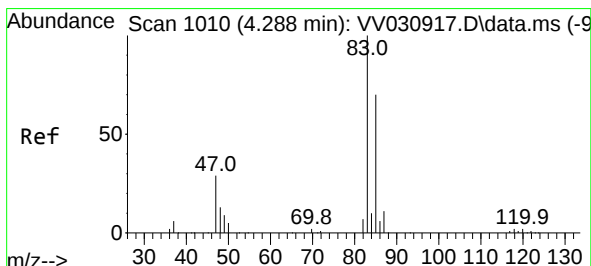
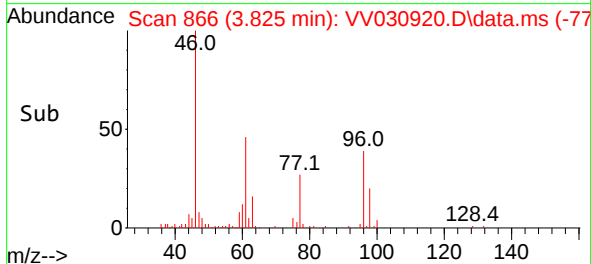
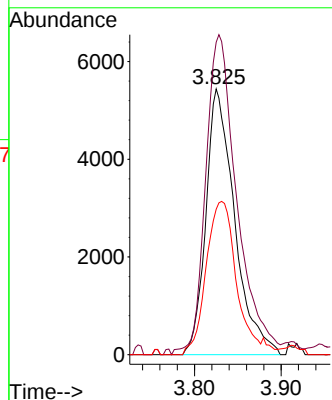
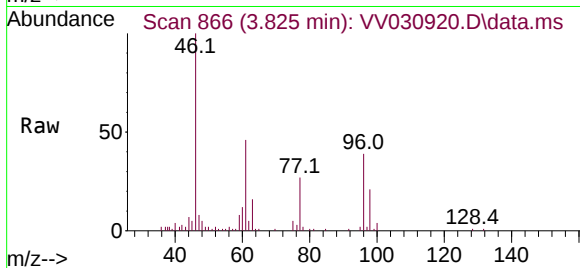




#22
 cis-1,2-Dichloroethene
 Concen: 1.328 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV030920.D
 Acq: 28 Apr 2023 14:55

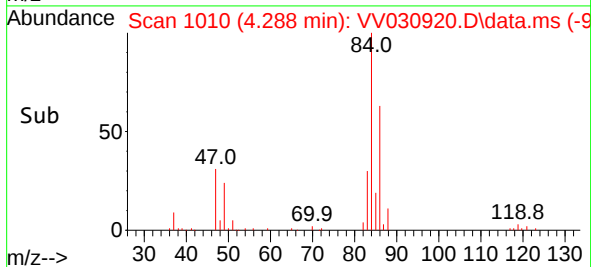
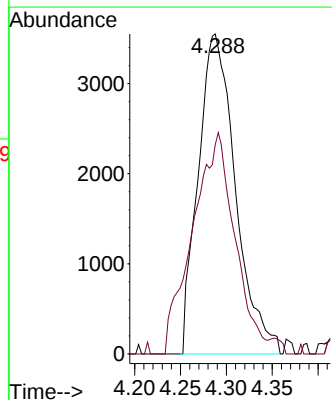
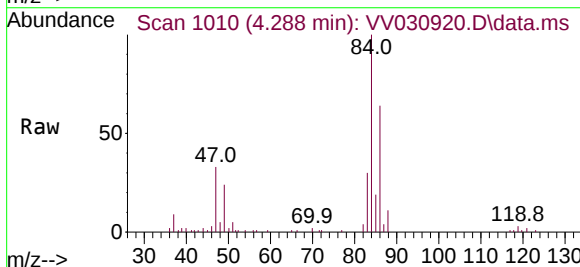
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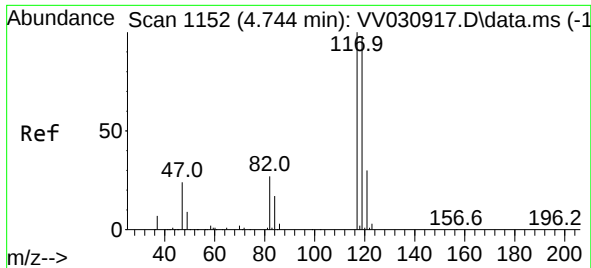
Tgt Ion: 96 Resp: 12530
 Ion Ratio Lower Upper
 96 100
 61 117.5 86.0 159.6
 98 54.7 43.2 80.2



#25
 Chloroform
 Concen: 0.542 ug/L
 RT: 4.288 min Scan# 1010
 Delta R.T. 0.000 min
 Lab File: VV030920.D
 Acq: 28 Apr 2023 14:55

Tgt Ion: 83 Resp: 10048
 Ion Ratio Lower Upper
 83 100
 85 65.4 46.4 86.2

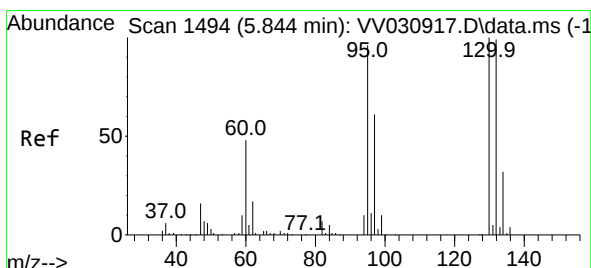
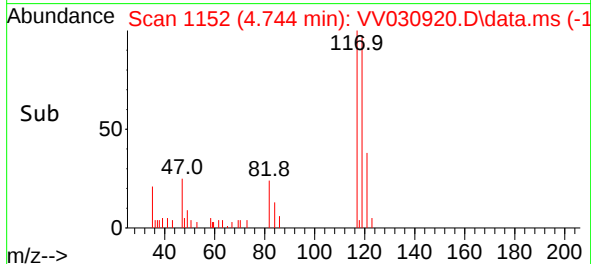
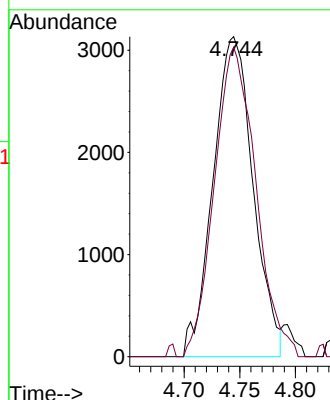
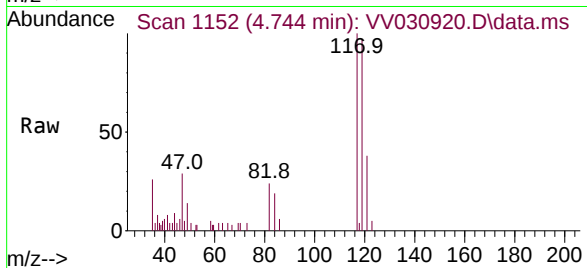




#31
Carbon tetrachloride
Concen: 0.508 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

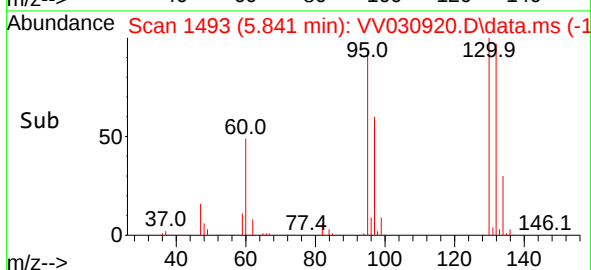
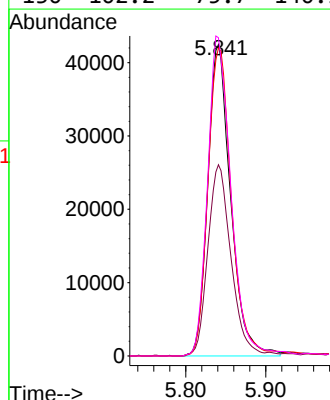
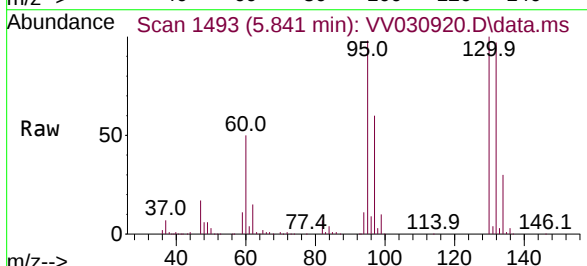
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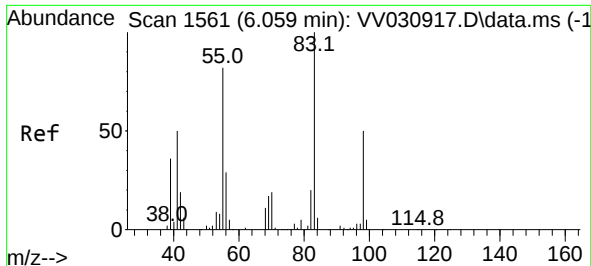
Tgt Ion:117 Resp: 7832
Ion Ratio Lower Upper
117 100
119 100.1 78.4 117.6



#34
Trichloroethene
Concen: 9.214 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

Tgt Ion: 95 Resp: 84442
Ion Ratio Lower Upper
95 100
97 61.4 46.2 85.8
132 98.9 72.7 135.1
130 102.2 75.7 140.5

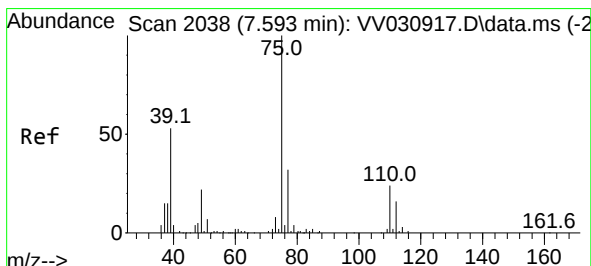
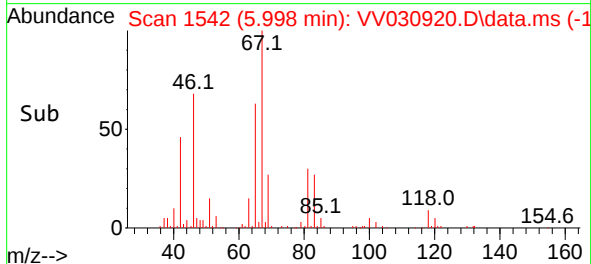
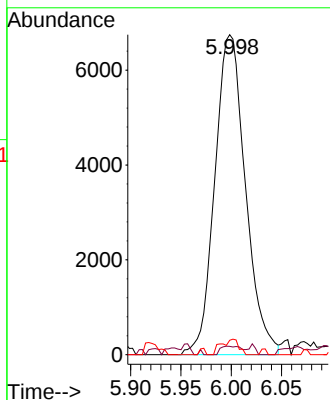
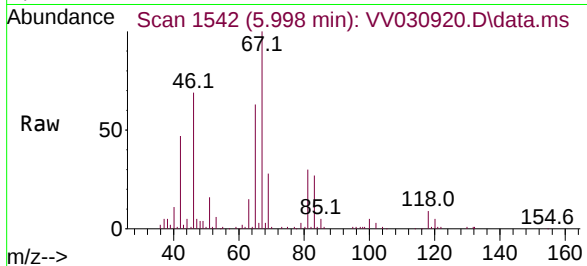




#35
Methylcyclohexane
Concen: 1.008 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

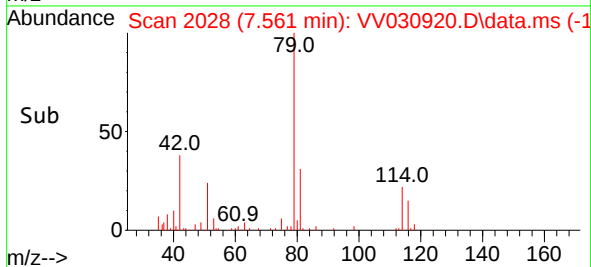
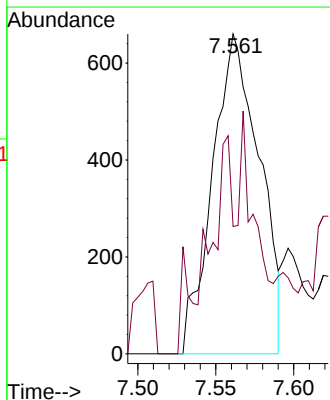
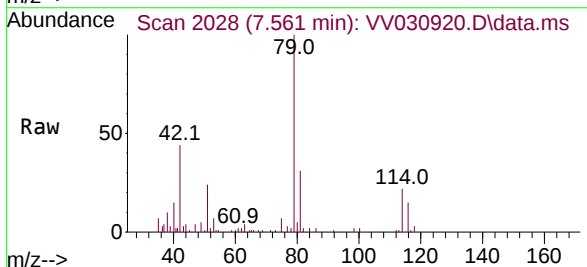
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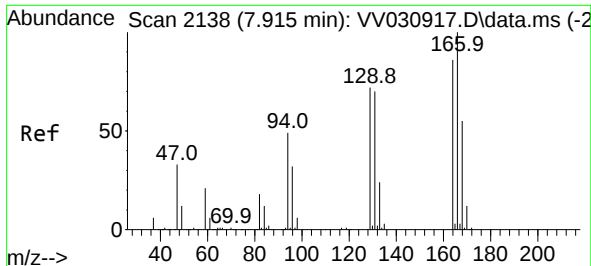
Tgt Ion: 83 Resp: 14316
Ion Ratio Lower Upper
83 100
55 1.7 62.9 94.3#
98 2.7 40.5 60.7#



#44
trans-1,3-Dichloropropene
Concen: 0.133 ug/L
RT: 7.561 min Scan# 2028
Delta R.T. -0.032 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

Tgt Ion: 75 Resp: 1381
Ion Ratio Lower Upper
75 100
77 39.8 21.6 40.0

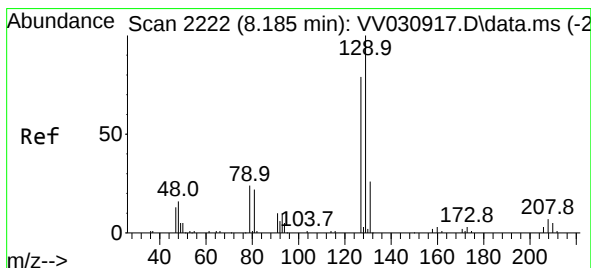
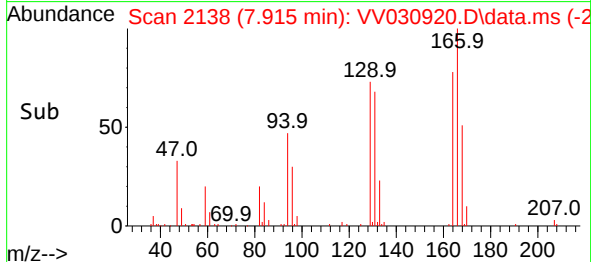
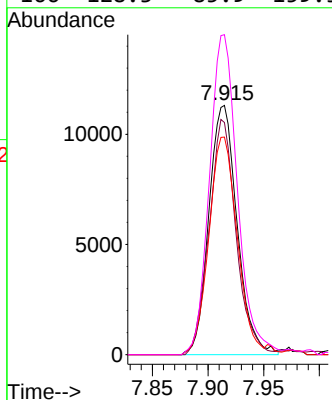
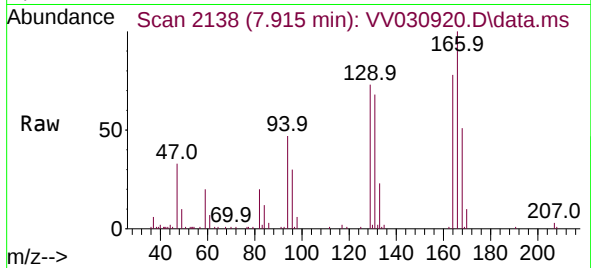




#47
Tetrachloroethene
Concen: 2.283 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

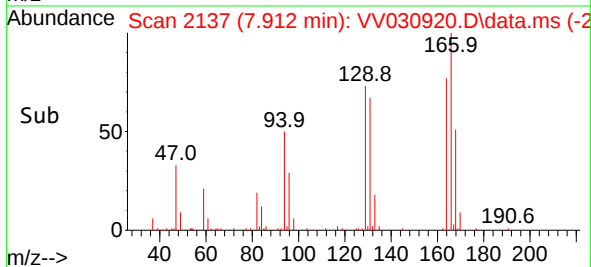
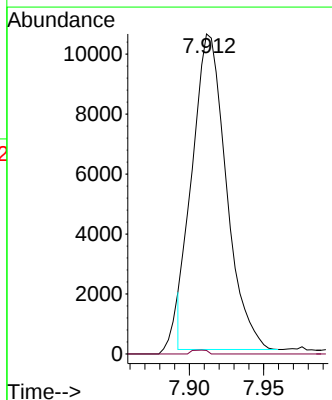
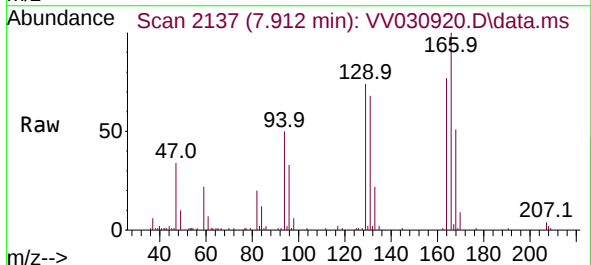
Instrument :
MSVOA_V
ClientSampleId :
BHE62

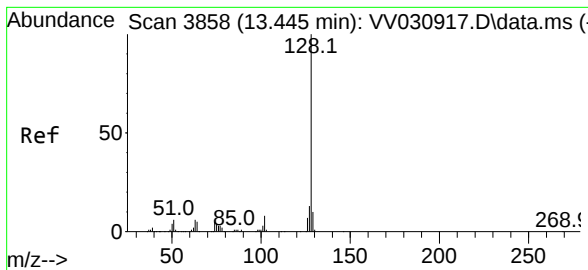
Tgt Ion:	164	Resp:	19961
Ion	Ratio	Lower	Upper
164	100		
129	93.1	60.5	112.3
131	87.3	60.8	112.8
166	128.3	85.9	159.5



#49
Dibromochloromethane
Concen: 2.194 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

Tgt Ion:	129	Resp:	16705
Ion	Ratio	Lower	Upper
129	100		
127	1.1	55.3	102.7#





#71
Naphthalene
Concen: 0.091 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.010 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

Instrument :
MSVOA_V
ClientSampleId :
BHE62

Tgt Ion	Ratio	Lower	Upper
128	100		
129	4.4	8.6	13.0#
127	5.9	10.6	16.0#

