

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)

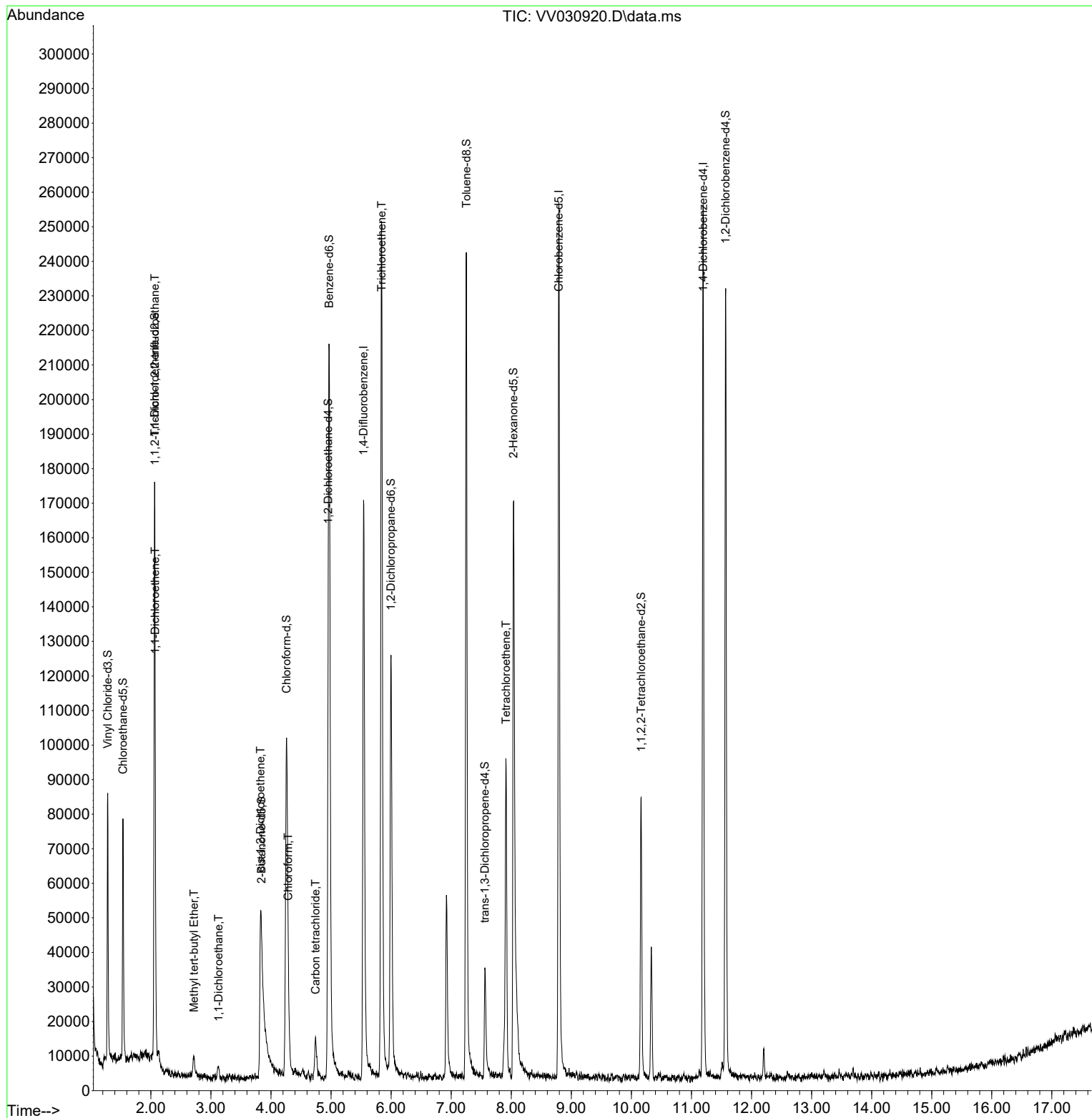
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	145518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	136684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51252	4.275	ug/L	0.00
Spiked Amount	5.000	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
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
47) Tetrachloroethene	7.915	164	19961	2.283	ug/L	96

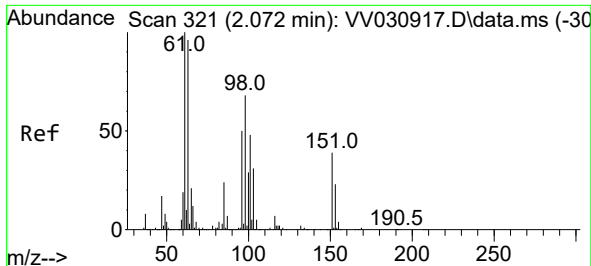
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#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 :

MSVOA_V

ClientSampleId :

BHE62

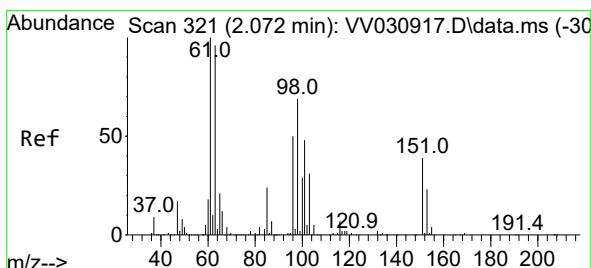
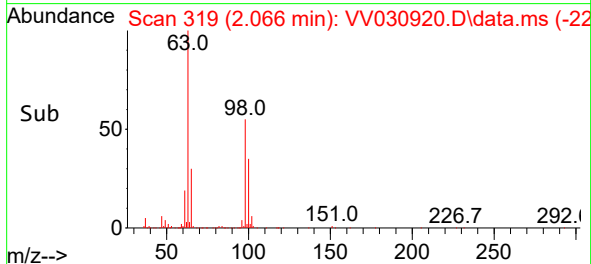
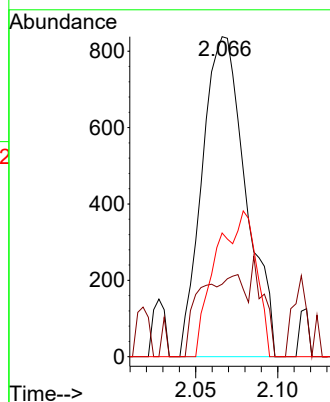
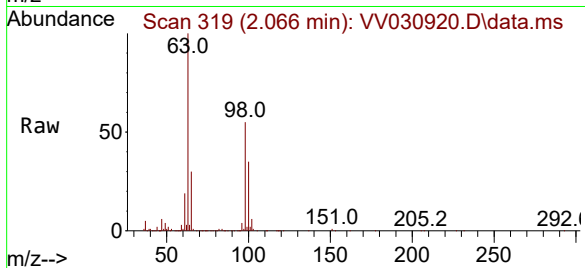
Tgt Ion:101 Resp: 1550

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

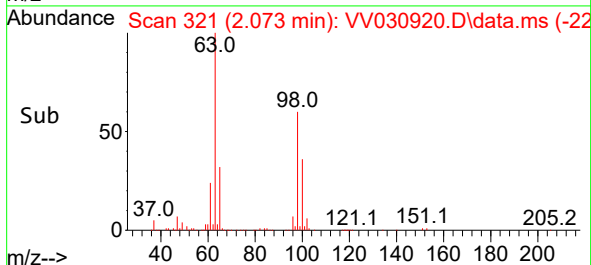
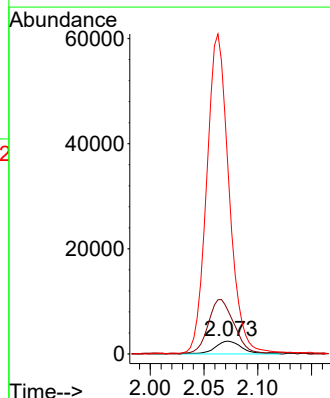
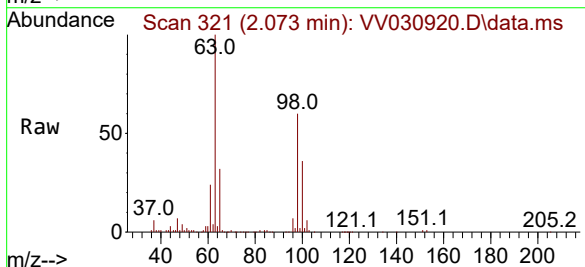
Tgt Ion: 96 Resp: 4260

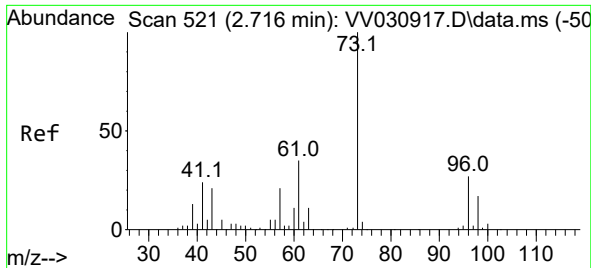
Ion Ratio Lower Upper

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

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Instrument :

MSVOA_V

ClientSampleId :

BHE62

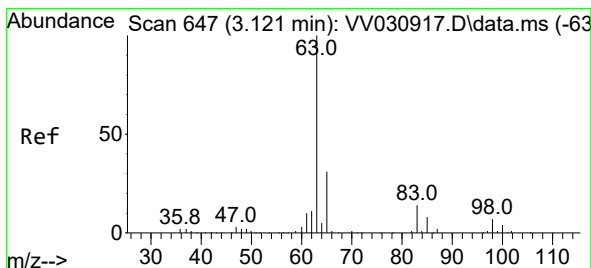
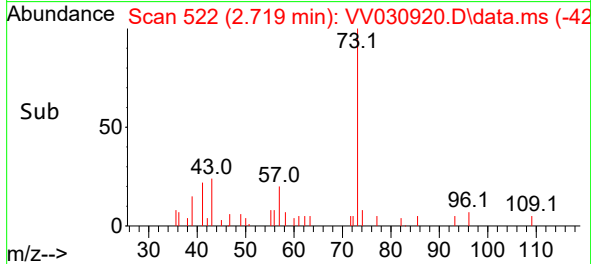
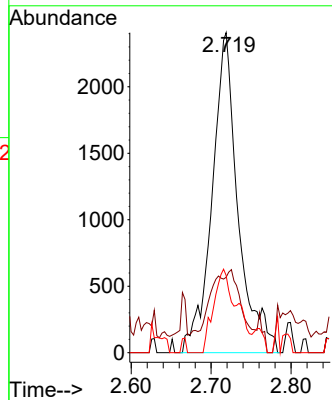
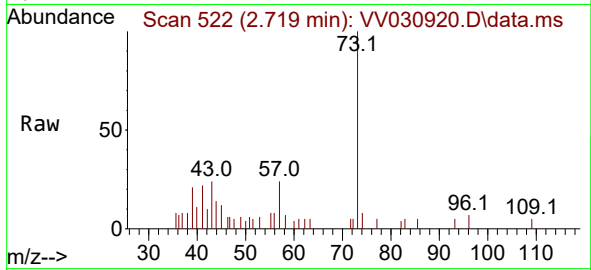
Tgt Ion: 73 Resp: 5433

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

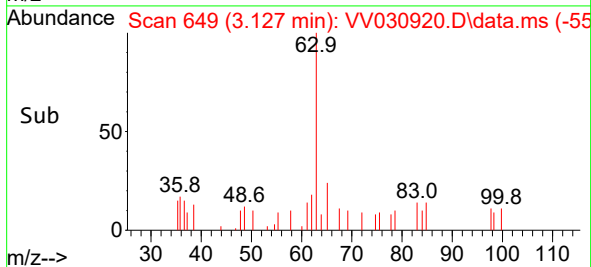
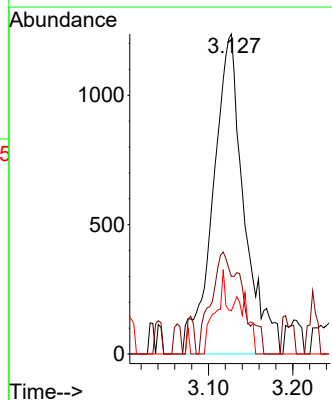
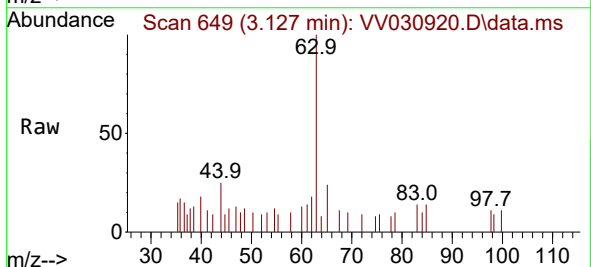
Tgt Ion: 63 Resp: 3153

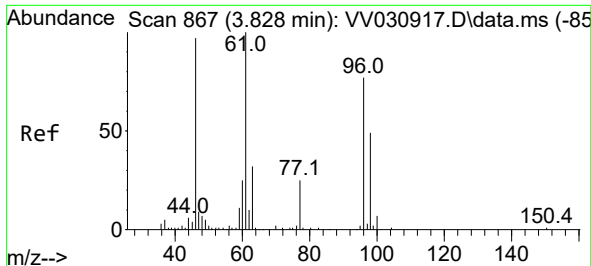
Ion Ratio Lower Upper

63 100

65 24.3 21.8 40.6

83 13.6 10.2 19.0

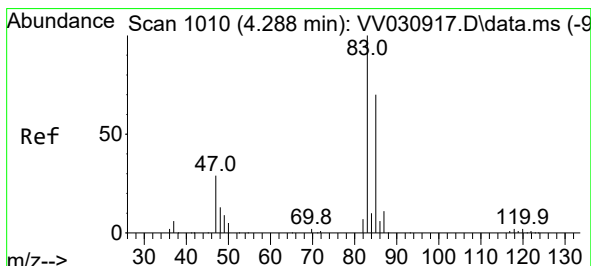
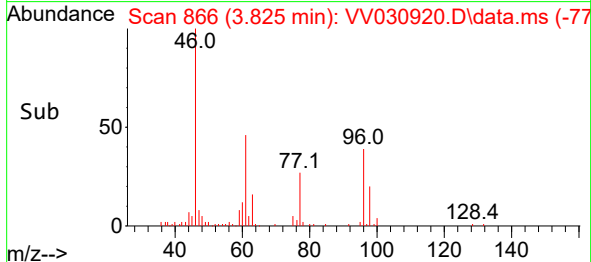
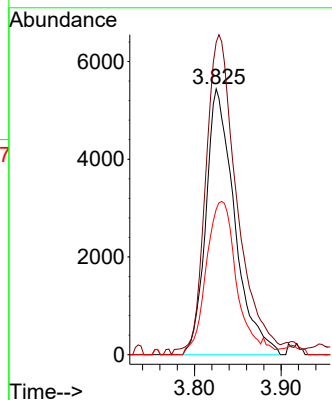
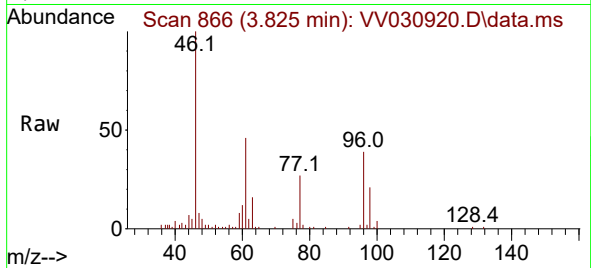




#22
 cis-1,2-Dichloroethene
 Concen: 1.328 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.003 min
 Lab File: VV030920.D
 Acq: 28 Apr 2023 14:55

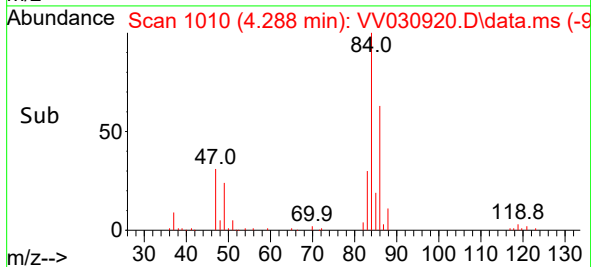
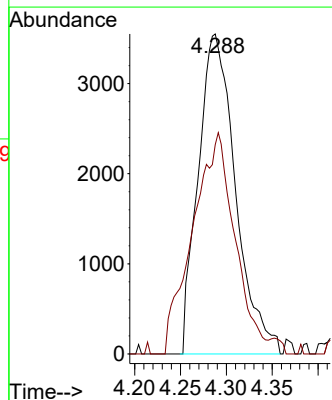
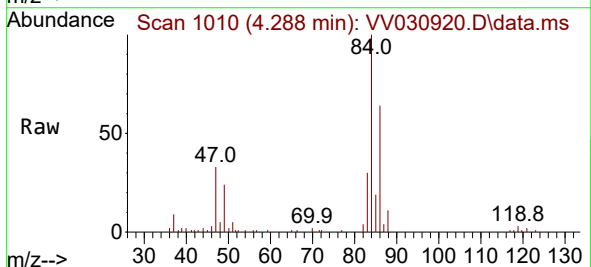
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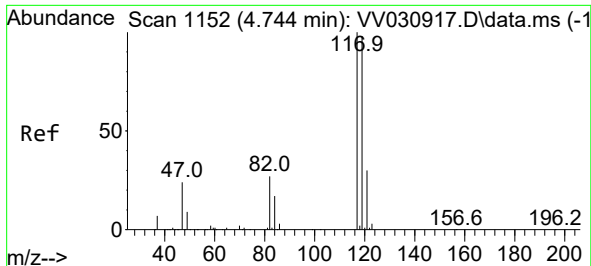
Tgt Ion: 96 Resp: 12530
 Ion Ratio Lower Upper
 96 100
 61 117.5 86.0 159.6
 98 54.7 43.2 80.2



#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

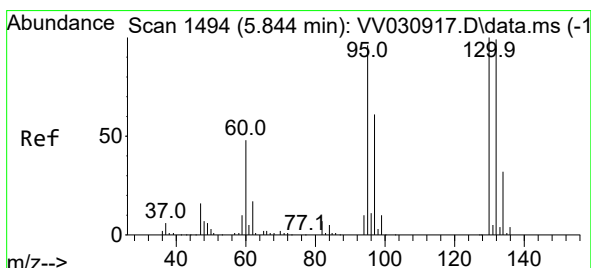
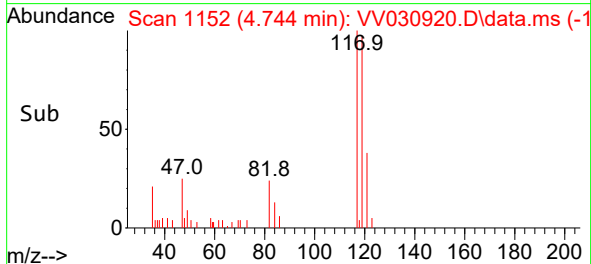
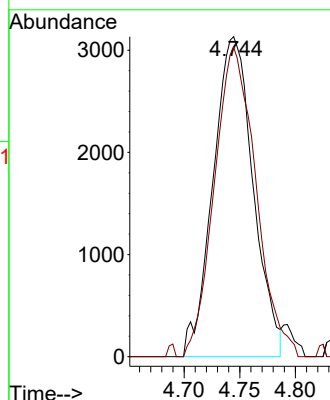
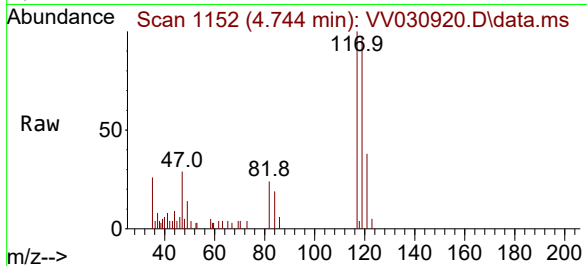




#31
Carbon tetrachloride
Concen: 0.508 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

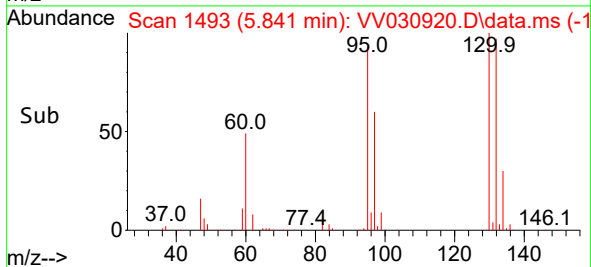
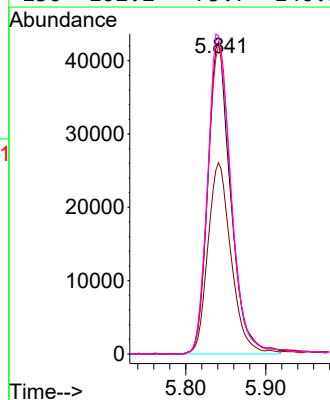
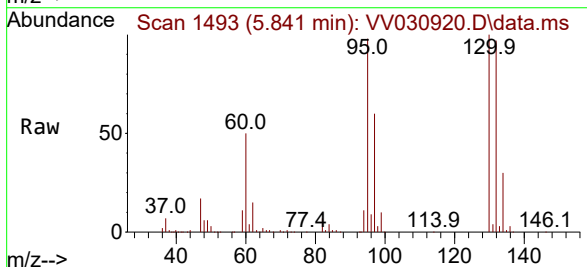
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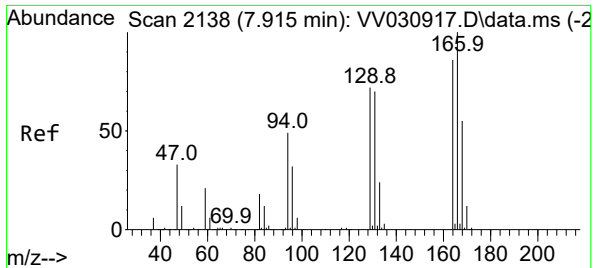
Tgt Ion: 117 Resp: 7832
Ion Ratio Lower Upper
117 100
119 100.1 78.4 117.6



#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

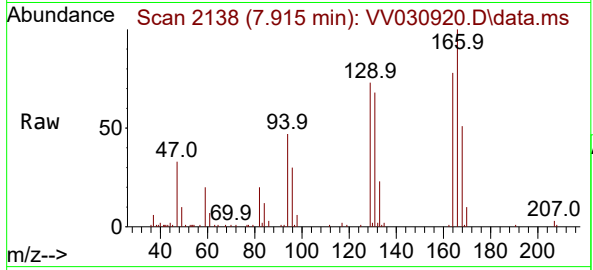
Tgt Ion: 95 Resp: 84442
Ion Ratio Lower Upper
95 100
97 61.4 46.2 85.8
132 98.9 72.7 135.1
130 102.2 75.7 140.5





#47
Tetrachloroethene
Concen: 2.283 ug/L
RT: 7.915 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030920.D
Acq: 28 Apr 2023 14:55

Instrument :
MSVOA_V
ClientSampleId :
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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

