

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030564.D
 Acq On : 14 Apr 2023 11:37
 Operator : SY/MD
 Sample : 02275-12DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ7DL

Quant Time: Apr 15 01:56:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

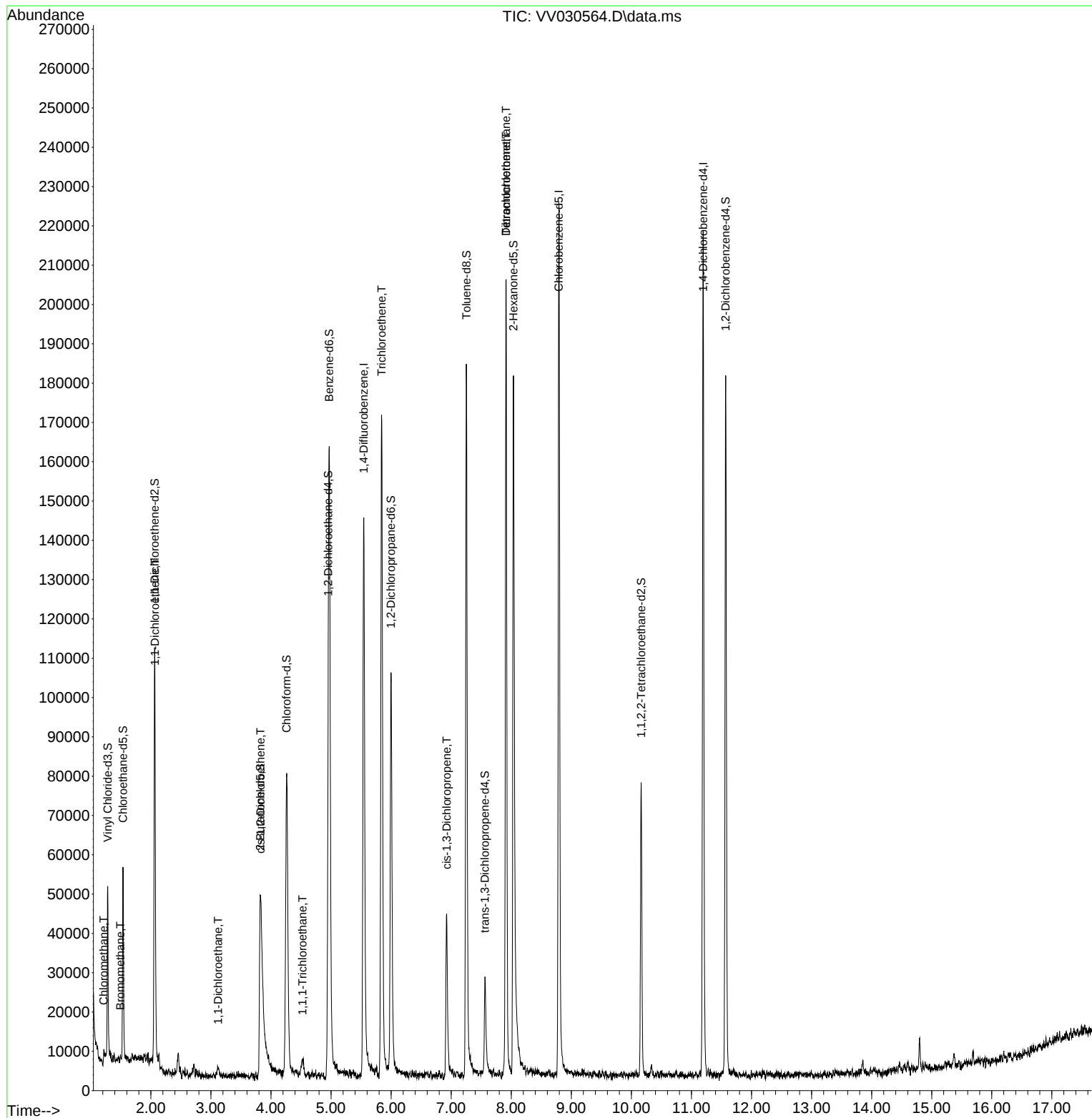
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122750	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28821	3.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.536	69	29437	3.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.063	63	57209	2.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.822	46	83970	39.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.920%
24) Chloroform-d	4.259	84	78849	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	4.953	65	42432	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	4.969	84	139013	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.998	67	46213	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.252	98	119251	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.561	79	14777	3.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.037	63	64774	40.061	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.120%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33855	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	46120	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2234	0.113	ug/L	99
6) Bromomethane	1.494	94	425	0.104	ug/L	97
12) 1,1-Dichloroethene	2.069	96	2103	0.205	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	2293	0.109	ug/L	94
22) cis-1,2-Dichloroethene	3.828	96	6360	0.587	ug/L	86
29) 1,1,1-Trichloroethane	4.523	97	3216	0.165	ug/L	89
34) Trichloroethene	5.844	95	57395	4.946	ug/L	97
39) cis-1,3-Dichloropropene	6.924	75	1640	0.106	ug/L #	65
47) Tetrachloroethene	7.915	164	43194	4.218	ug/L	95
49) Dibromochloromethane	7.911	129	37468	4.047	ug/L #	12

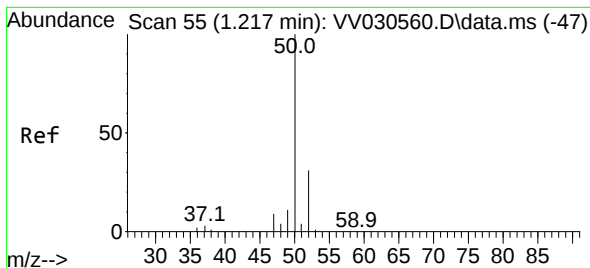
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.113 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030564.D

Acq: 14 Apr 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

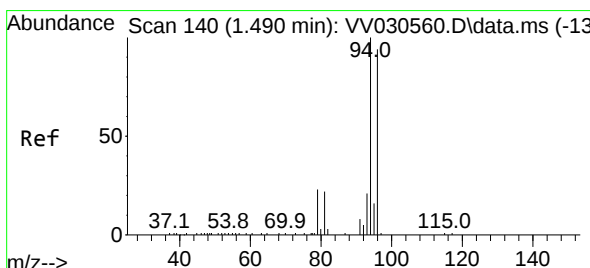
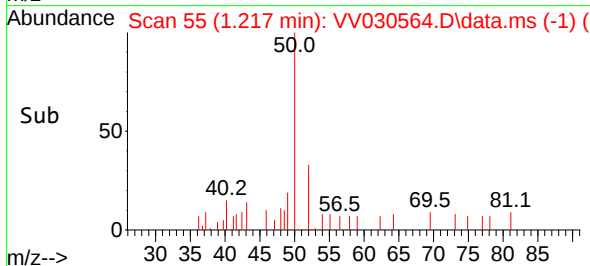
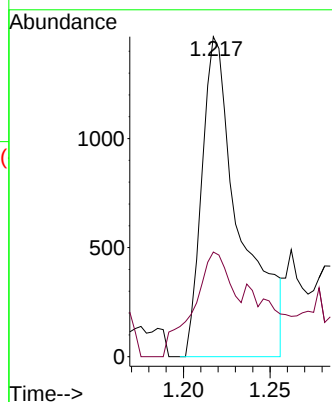
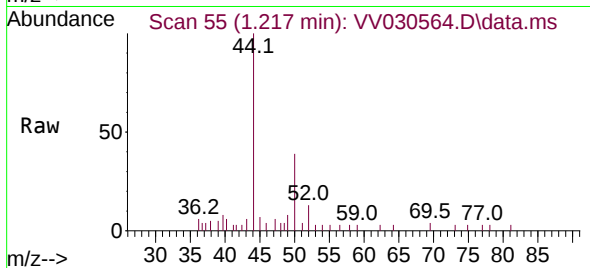
BHDZ7DL

Tgt Ion: 50 Resp: 2234

Ion Ratio Lower Upper

50 100

52 32.7 22.3 41.5



#6

Bromomethane

Concen: 0.104 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.003 min

Lab File: VV030564.D

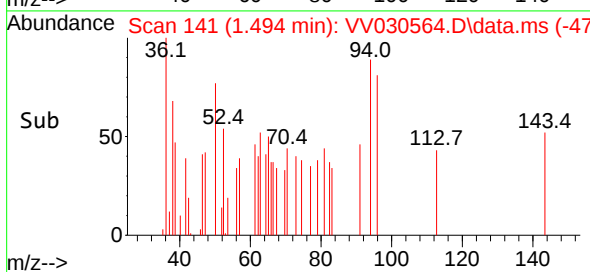
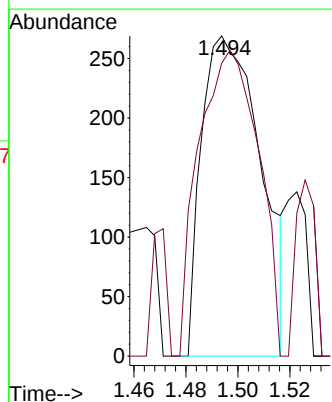
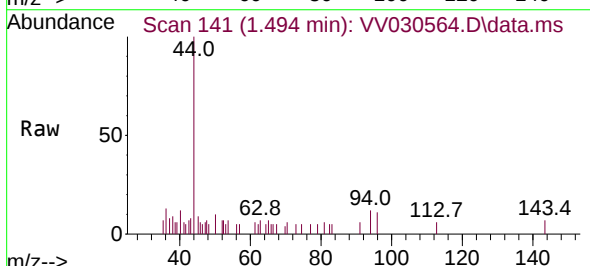
Acq: 14 Apr 2023 11:37

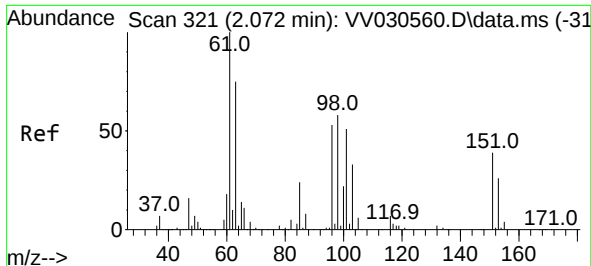
Tgt Ion: 94 Resp: 425

Ion Ratio Lower Upper

94 100

96 91.4 66.1 122.7





#12

1,1-Dichloroethene

Concen: 0.205 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030564.D

Acq: 14 Apr 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

BHDZ7DL

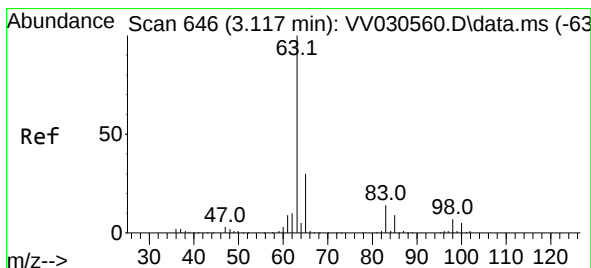
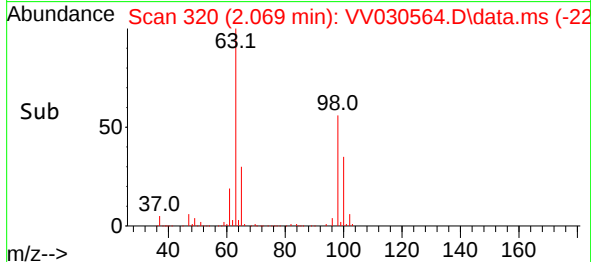
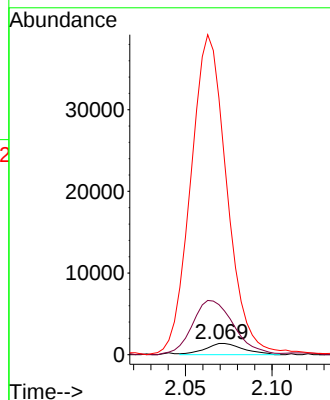
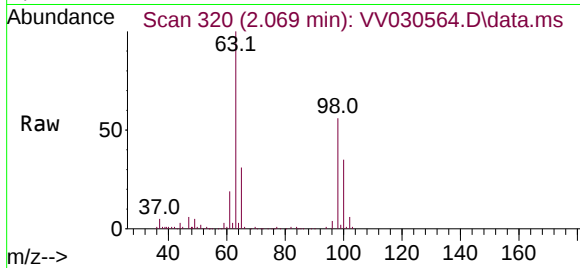
Tgt Ion: 96 Resp: 2103

Ion Ratio Lower Upper

96 100

61 446.8 136.3 253.1#

63 2292.7 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 0.109 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030564.D

Acq: 14 Apr 2023 11:37

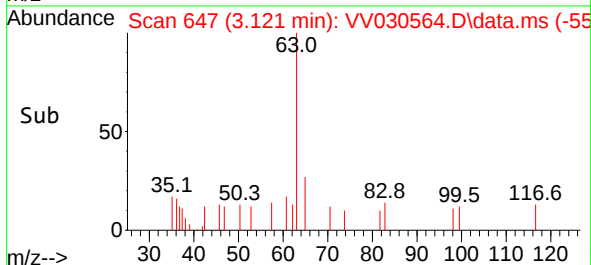
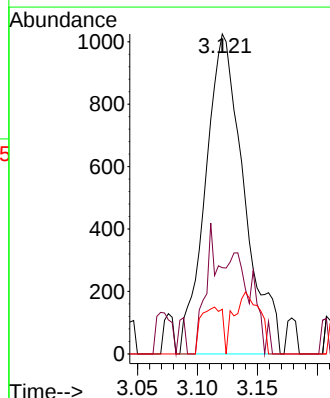
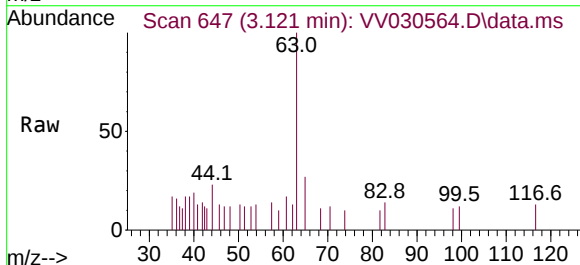
Tgt Ion: 63 Resp: 2293

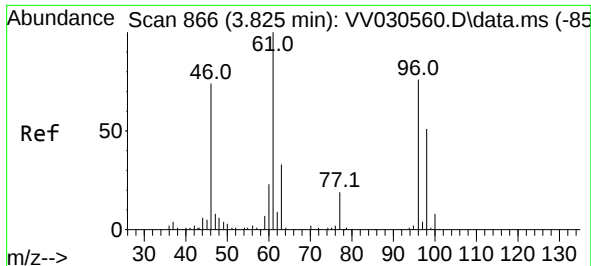
Ion Ratio Lower Upper

63 100

65 26.9 21.7 40.3

83 14.0 9.1 16.9

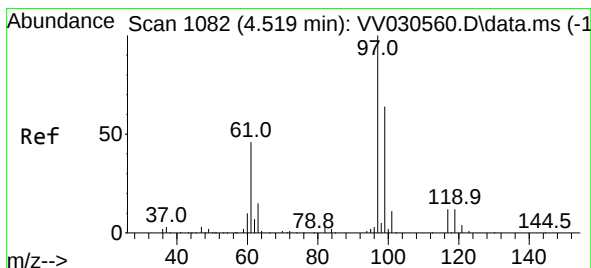
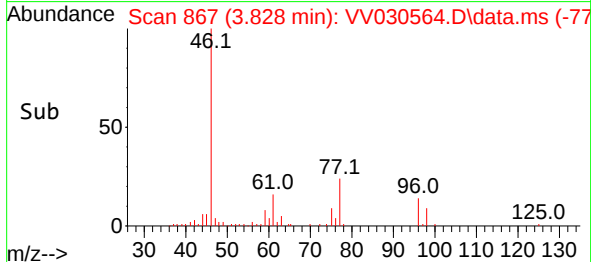
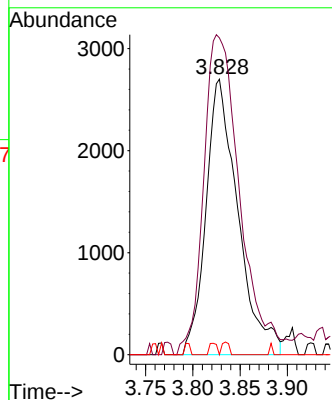
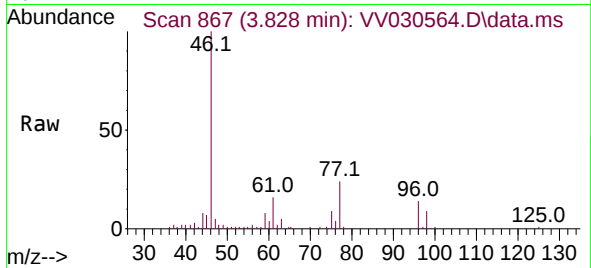




#22
 cis-1,2-Dichloroethene
 Concen: 0.587 ug/L
 RT: 3.828 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV030564.D
 Acq: 14 Apr 2023 11:37

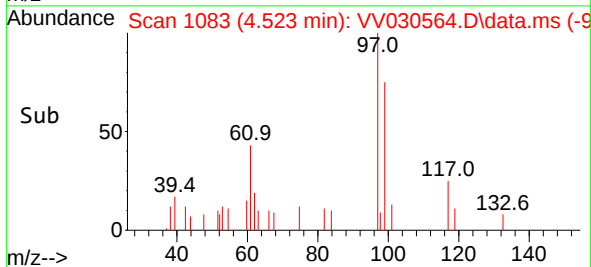
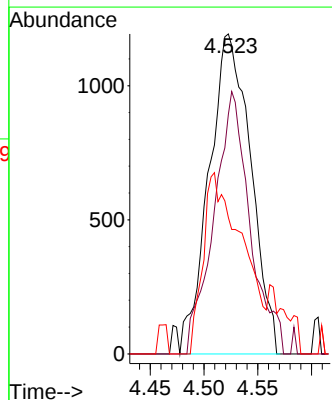
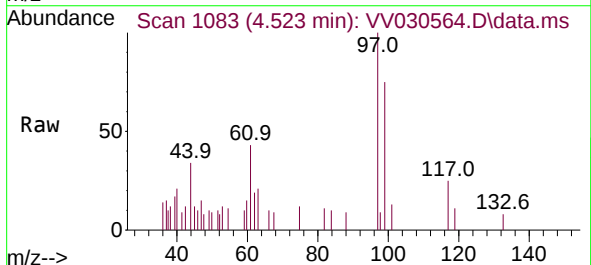
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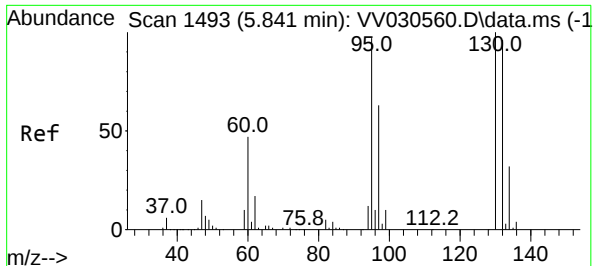
Tgt Ion: 96 Resp: 6360
 Ion Ratio Lower Upper
 96 100
 61 115.0 92.0 170.8
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.165 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.003 min
 Lab File: VV030564.D
 Acq: 14 Apr 2023 11:37

Tgt Ion: 97 Resp: 3216
 Ion Ratio Lower Upper
 97 100
 99 71.3 50.9 76.3
 61 53.7 35.9 53.9

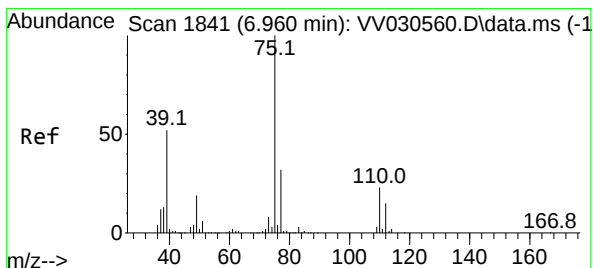
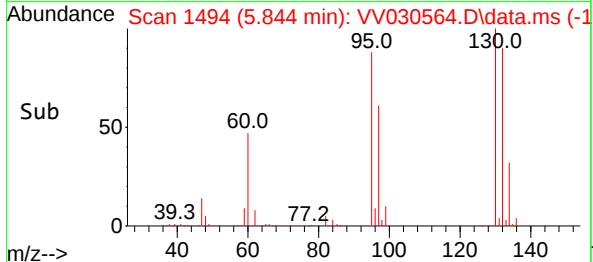
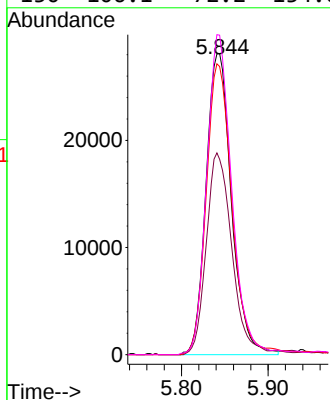
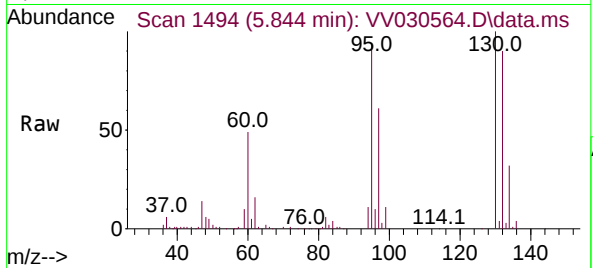




#34
 Trichloroethene
 Concen: 4.946 ug/L
 RT: 5.844 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV030564.D
 Acq: 14 Apr 2023 11:37

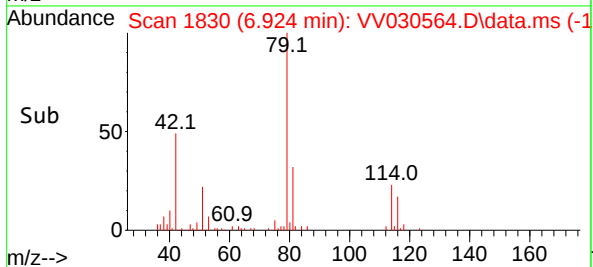
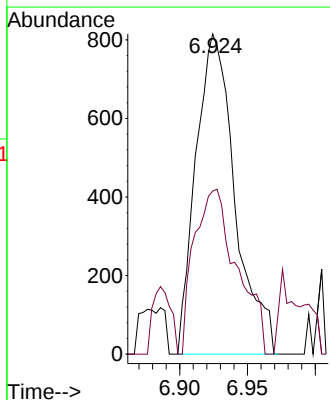
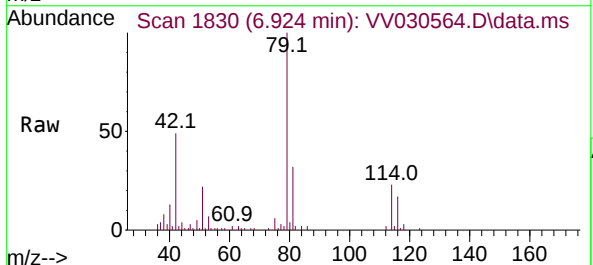
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 MSVOA_V
 ClientSampleId :
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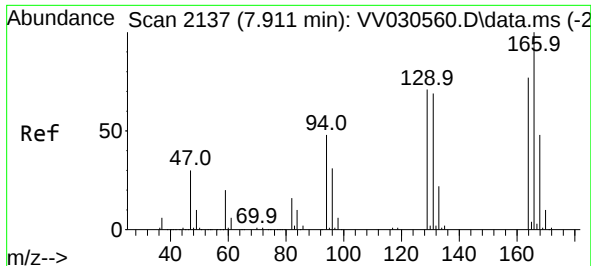
Tgt Ion:	95	Resp:	57395
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.2	82.2
132	95.7	69.5	129.1
130	106.1	72.2	134.0



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 6.924 min Scan# 1830
 Delta R.T. -0.035 min
 Lab File: VV030564.D
 Acq: 14 Apr 2023 11:37

Tgt Ion:	75	Resp:	1640
Ion	Ratio	Lower	Upper
75	100		
77	50.9	22.0	41.0#





#47

Tetrachloroethene

Concen: 4.218 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV030564.D

Acq: 14 Apr 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

BHDZ7DL

Tgt Ion:164 Resp: 43194

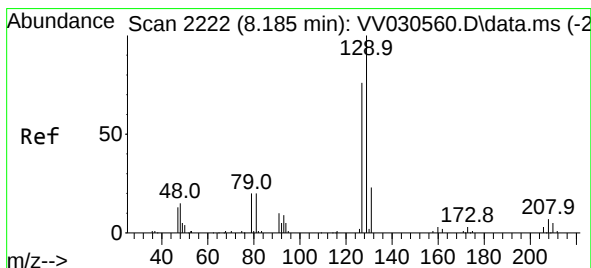
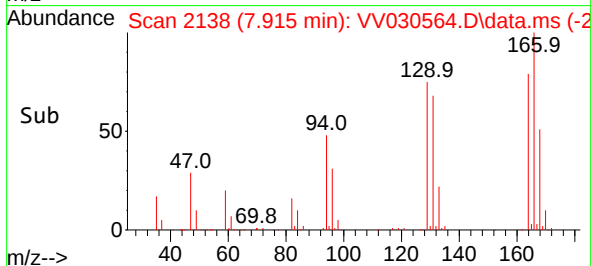
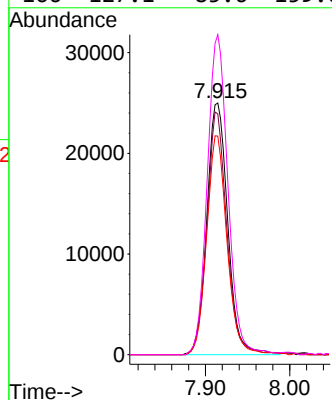
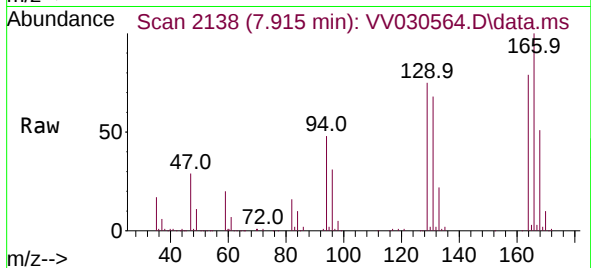
Ion Ratio Lower Upper

164 100

129 95.6 60.8 112.8

131 86.8 61.7 114.7

166 127.1 85.6 159.0



#49

Dibromochloromethane

Concen: 4.047 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030564.D

Acq: 14 Apr 2023 11:37

Tgt Ion:129 Resp: 37468

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#

