

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031918.D
 Acq On : 24 Aug 2023 18:47
 Operator : SY/MD
 Sample : 04158-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

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

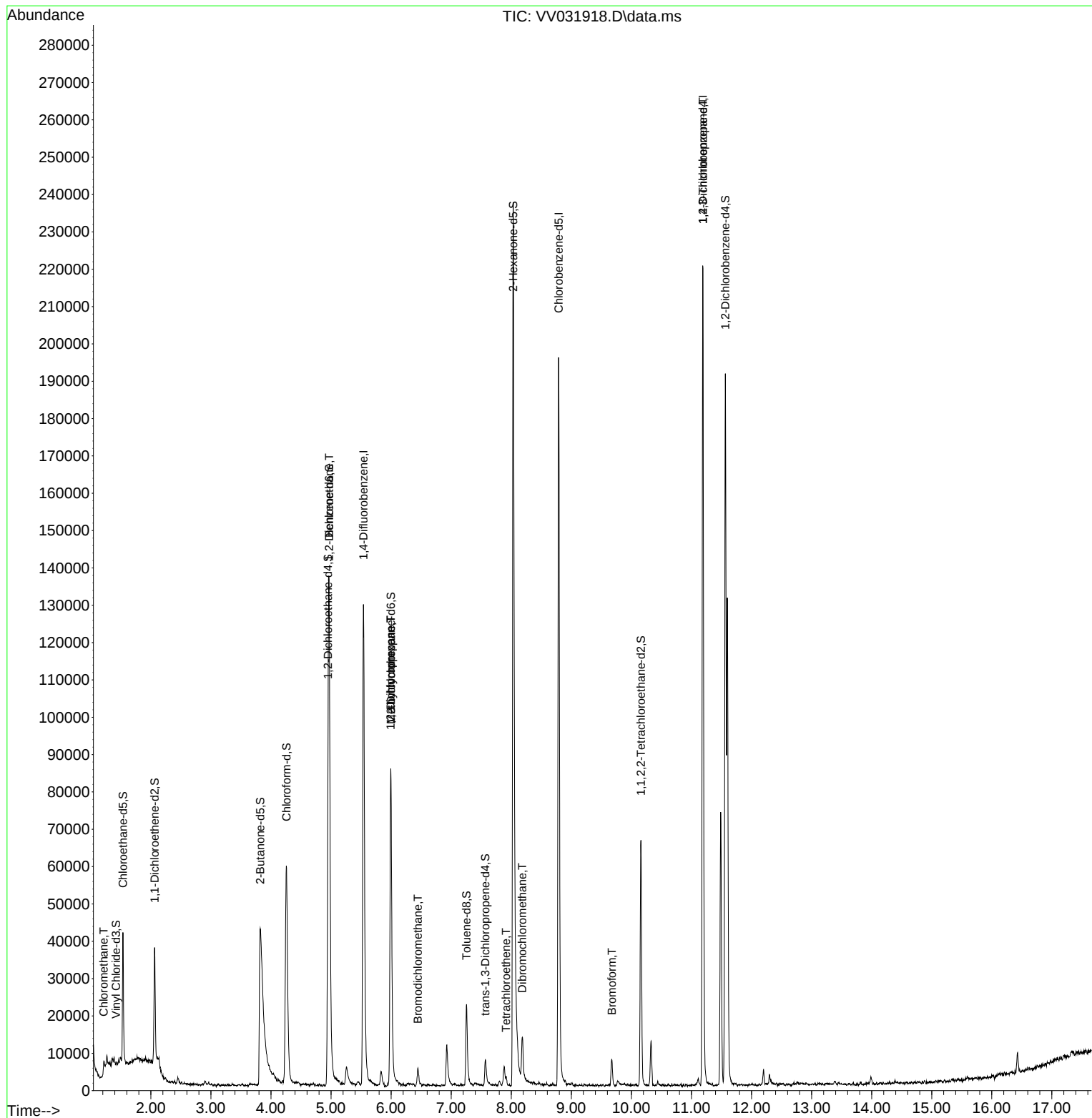
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	112598	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	105109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	54828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.420	65	112	0.029	ug/L	0.14
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.600%#
7) Chloroethane-d5	1.536	69	21816	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.063	65	5573	2.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.800%#
20) 2-Butanone-d5	3.822	46	118647	64.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.900%
24) Chloroform-d	4.256	84	63592	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.950	65	34189	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.966	84	122842	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.995	67	43858	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.256	98	15931	0.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	14.400%#
43) trans-1,3-Dichloroprop...	7.568	79	4916	1.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	32.000%#
46) 2-Hexanone-d5	8.034	63	95047	57.964	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.920%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33745	5.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45640	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1449	0.210	ug/L	98
27) 1,2-Dichloroethane	4.970	62	874	0.121	ug/L #	75
35) Methylcyclohexane	5.995	83	9883	0.959	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	4903	0.735	ug/L #	87
38) Bromodichloromethane	6.445	83	3263	0.378	ug/L #	96
47) Tetrachloroethene	7.912	164	482	0.107	ug/L	84
49) Dibromochloromethane	8.185	129	5871	1.180	ug/L	99
59) Bromoform	9.674	173	3155	1.218	ug/L	96
61) 1,2,3-Trichloropropane	11.191	75	7897	1.955	ug/L #	69

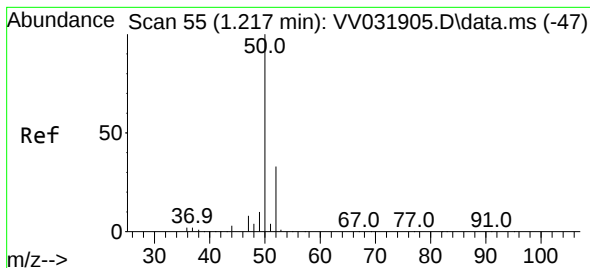
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.210 ug/L

RT: 1.217 min Scan# 50

Delta R.T. 0.000 min

Lab File: VV031918.D

Acq: 24 Aug 2023 18:47

Instrument :

MSVOA_V

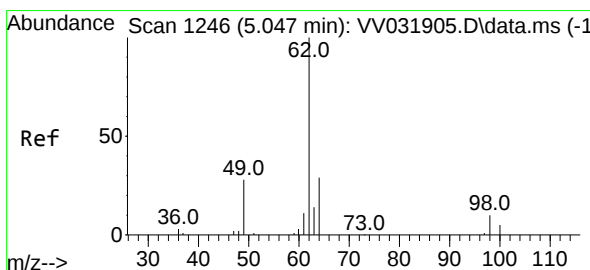
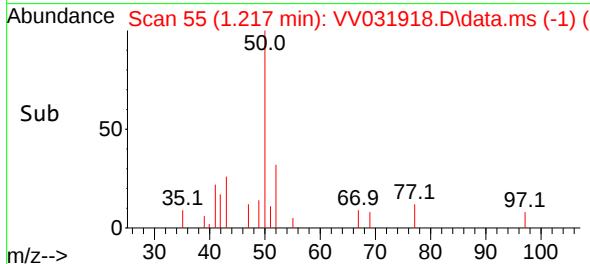
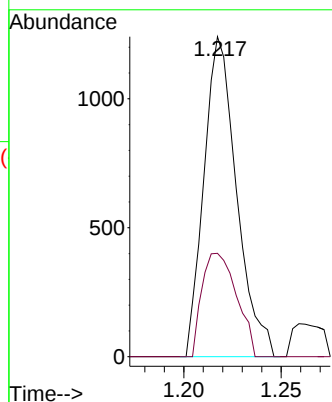
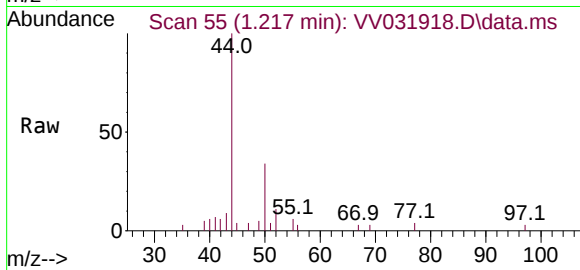
ClientSampleId :

Tgt Ion: 50 Resp: 1449

Ion Ratio Lower Upper

50 100

52 32.3 23.3 43.3



#27

1,2-Dichloroethane

Concen: 0.121 ug/L

RT: 4.970 min Scan# 1222

Delta R.T. -0.077 min

Lab File: VV031918.D

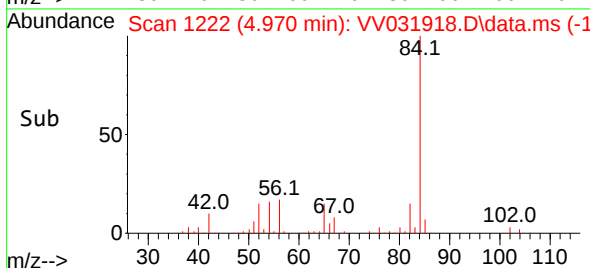
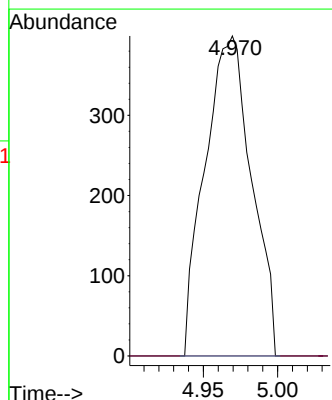
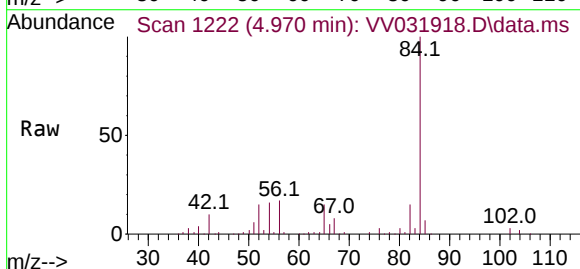
Acq: 24 Aug 2023 18:47

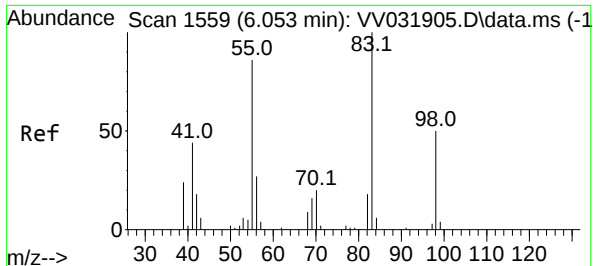
Tgt Ion: 62 Resp: 874

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#





#35

Methylcyclohexane

Concen: 0.959 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031918.D

Acq: 24 Aug 2023 18:47

Instrument :

MSVOA_V

ClientSampleId :

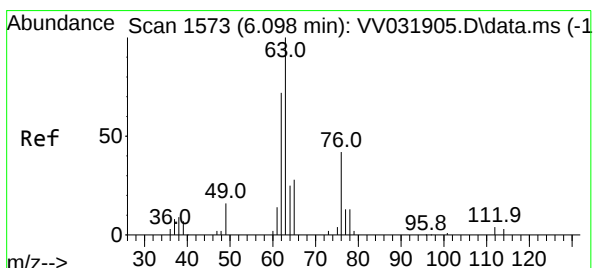
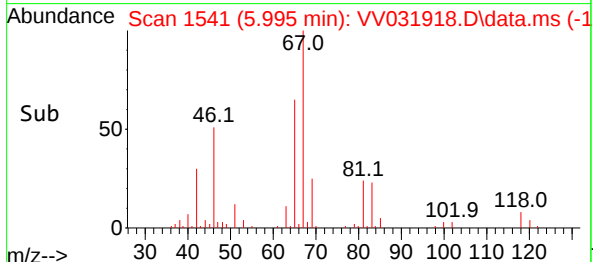
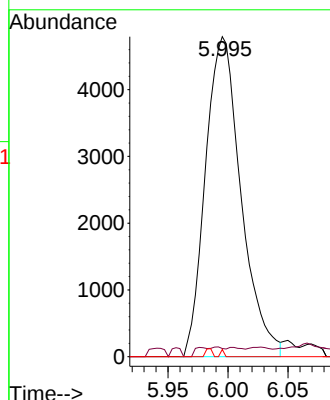
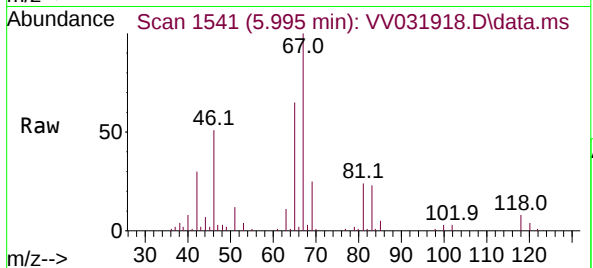
Tgt Ion: 83 Resp: 9883

Ion Ratio Lower Upper

83 100

55 0.4 62.6 94.0#

98 0.5 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.735 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.106 min

Lab File: VV031918.D

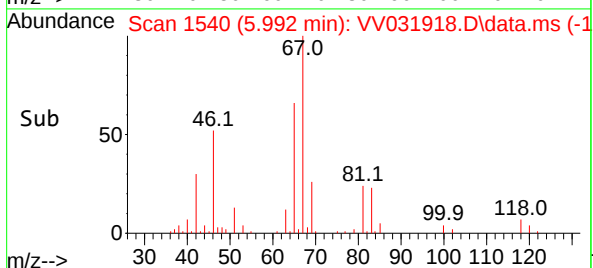
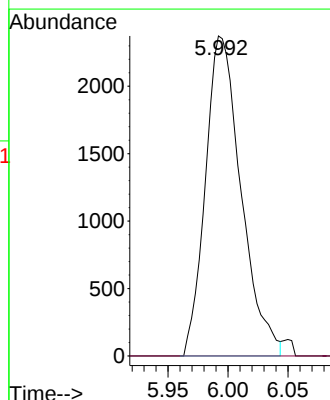
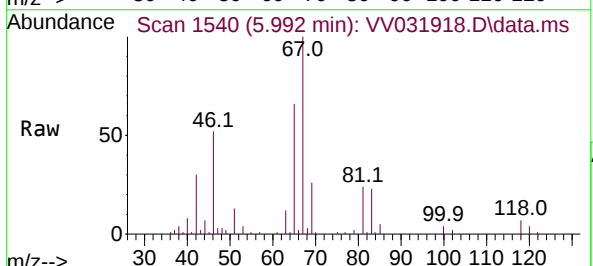
Acq: 24 Aug 2023 18:47

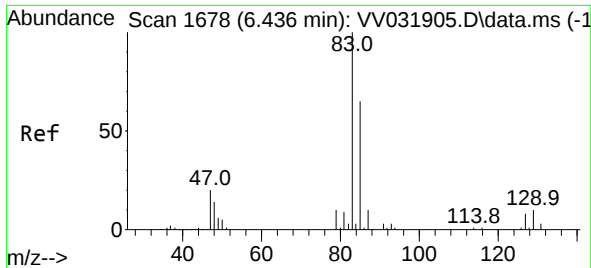
Tgt Ion: 63 Resp: 4903

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

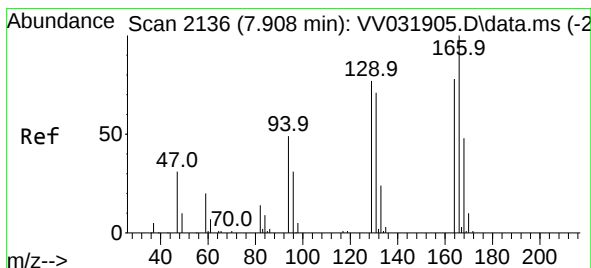
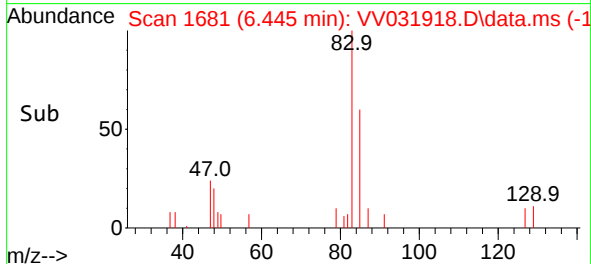
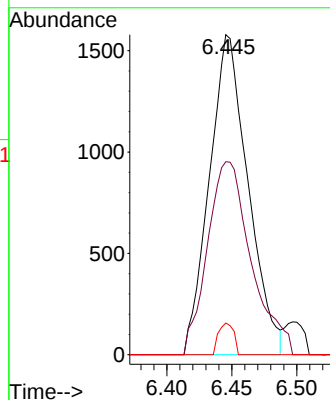
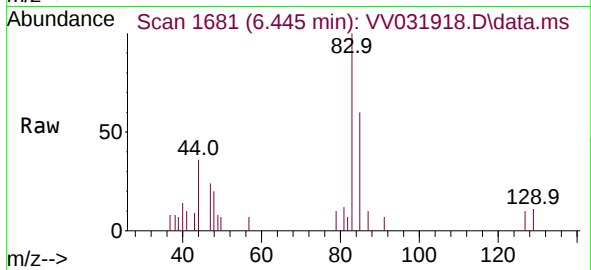




#38
Bromodichloromethane
Concen: 0.378 ug/L
RT: 6.445 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV031918.D
Acq: 24 Aug 2023 18:47

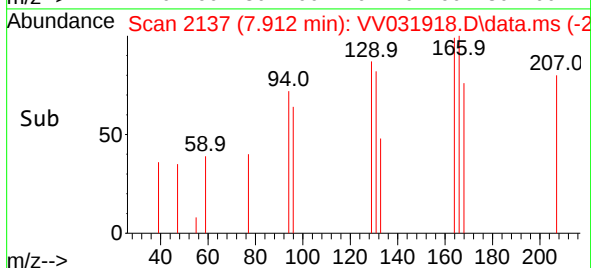
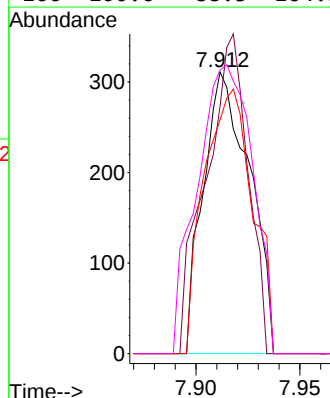
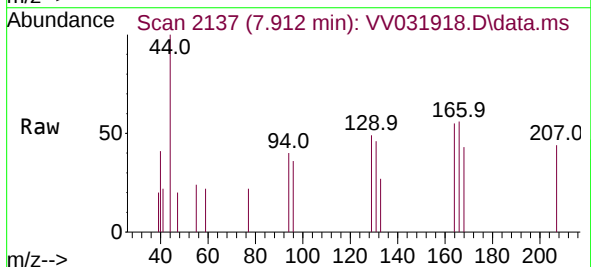
Instrument :
MSVOA_V
ClientSampleId :

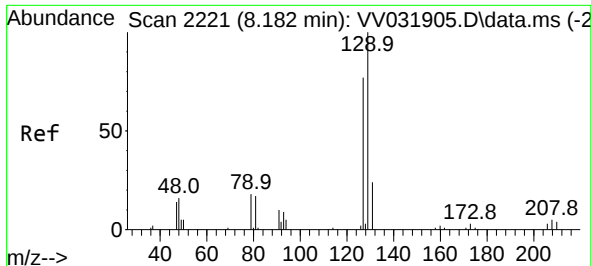
Tgt Ion: 83 Resp: 3263
Ion Ratio Lower Upper
83 100
85 60.3 44.4 82.4
127 9.9 6.2 9.4#



#47
Tetrachloroethene
Concen: 0.107 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031918.D
Acq: 24 Aug 2023 18:47

Tgt Ion: 164 Resp: 482
Ion Ratio Lower Upper
164 100
129 87.8 70.6 131.2
131 83.0 64.6 120.0
166 100.6 88.3 164.1





#49

Dibromochloromethane

Concen: 1.180 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031918.D

Acq: 24 Aug 2023 18:47

Instrument :

MSVOA_V

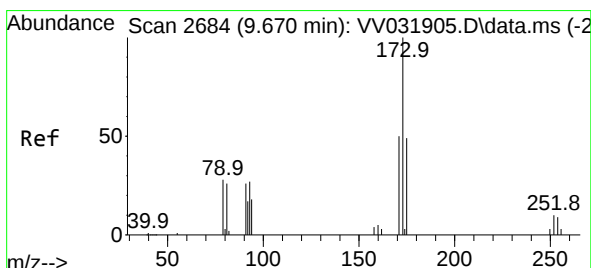
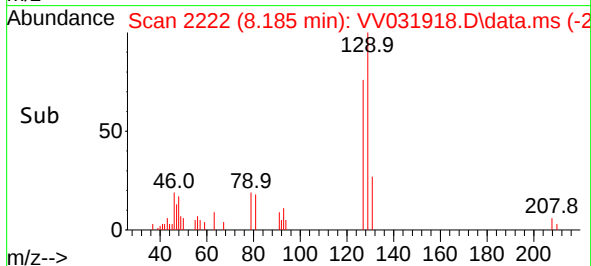
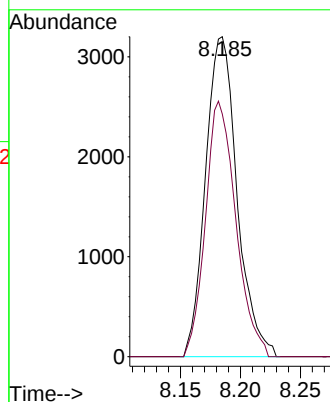
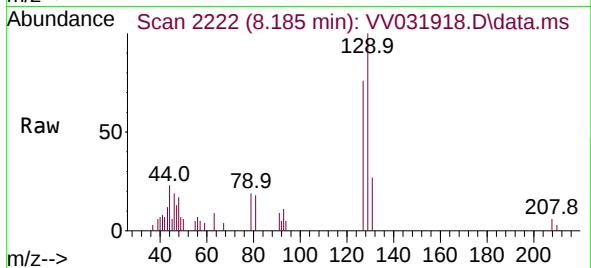
ClientSampleId :

Tgt Ion:129 Resp: 5871

Ion Ratio Lower Upper

129 100

127 75.9 53.7 99.7



#59

Bromoform

Concen: 1.218 ug/L

RT: 9.674 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031918.D

Acq: 24 Aug 2023 18:47

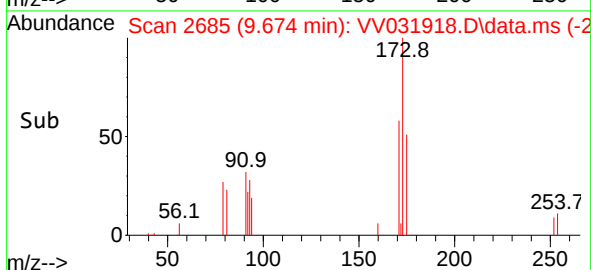
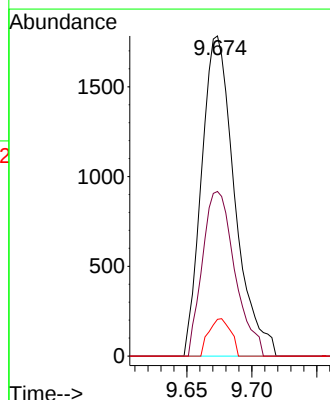
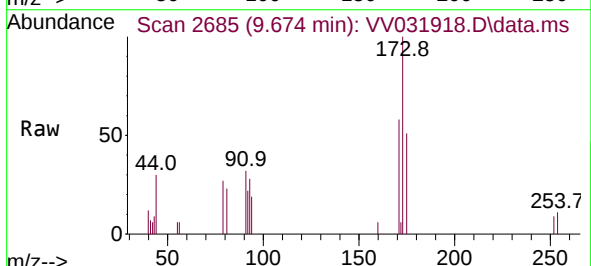
Tgt Ion:173 Resp: 3155

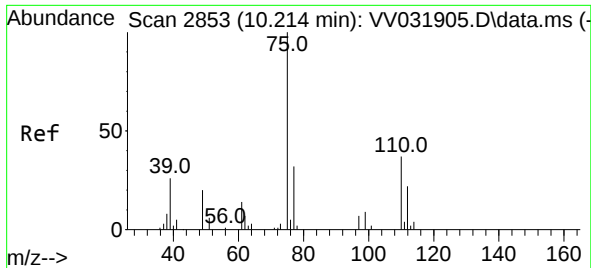
Ion Ratio Lower Upper

173 100

175 50.5 38.0 57.0

254 7.7 6.8 10.2





#61

1,2,3-Trichloropropane

Concen: 1.955 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.977 min

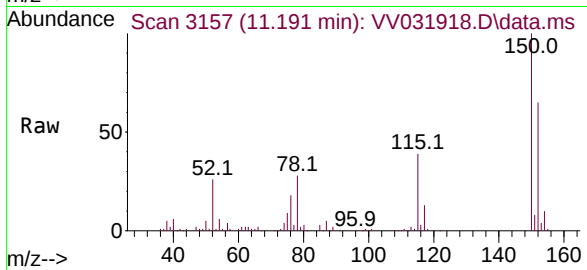
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MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp:	7897
Ion Ratio	Lower	Upper
75	100	
77	34.4	28.8 43.2
110	2.3	30.2 45.2#

