

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031912.D
 Acq On : 24 Aug 2023 16:24
 Operator : SY/MD
 Sample : 04158-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

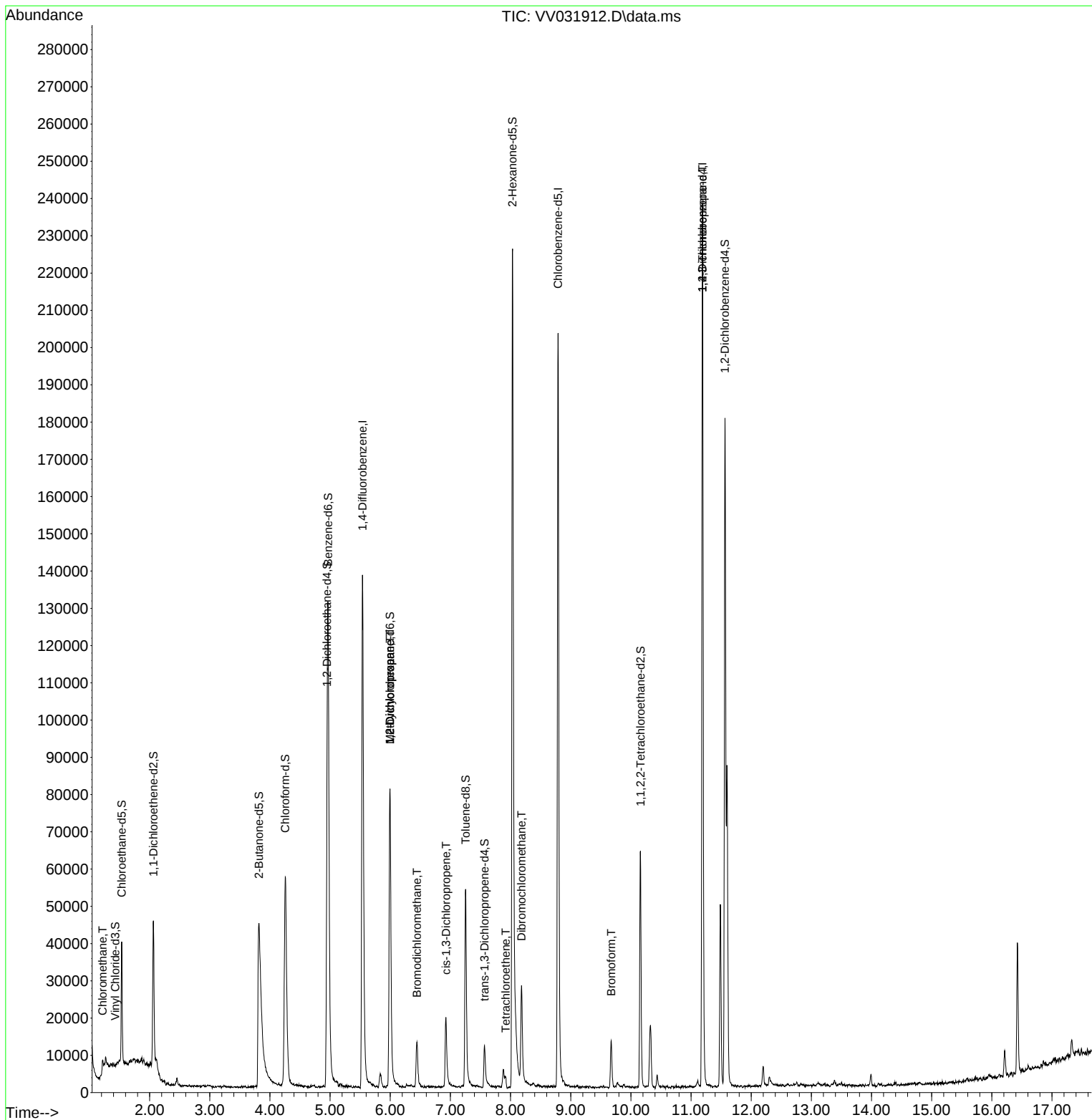
Quant Time: Aug 25 00:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

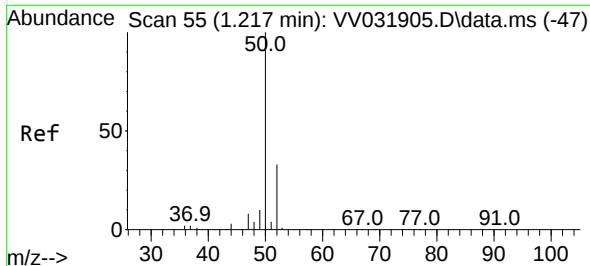
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119181	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	110395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	58774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.429	65	64	0.016	ug/L	0.15
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.535	69	20932	4.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.063	65	7346	3.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.818	46	109832	56.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.740%
24) Chloroform-d	4.256	84	61454	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.950	65	32790	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.966	84	119524	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	41301	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.252	98	37353	1.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	32.000%#
43) trans-1,3-Dichloroprop...	7.567	79	7754	2.400	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.000%#
46) 2-Hexanone-d5	8.030	63	87987	51.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32112	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	42692	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1616	0.222	ug/L	97
35) Methylcyclohexane	5.995	83	9174	0.848	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	4494	0.641	ug/L #	87
38) Bromodichloromethane	6.442	83	9520	1.050	ug/L	94
39) cis-1,3-Dichloropropene	6.928	75	632	0.059	ug/L #	61
47) Tetrachloroethene	7.921	164	499	0.105	ug/L	87
49) Dibromochloromethane	8.181	129	12897	2.468	ug/L	97
59) Bromoform	9.673	173	5510	1.984	ug/L	98
61) 1,2,3-Trichloropropane	11.191	75	7884	1.821	ug/L #	70

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 25 00:56:34 2023
Response via : Initial Calibration

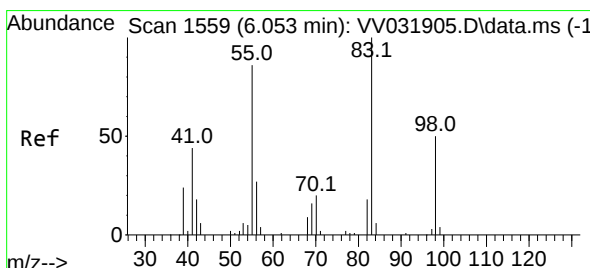
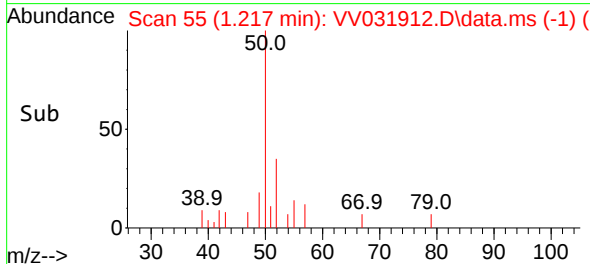
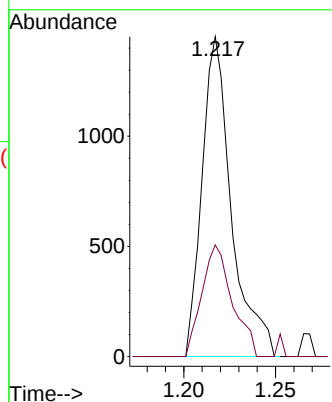
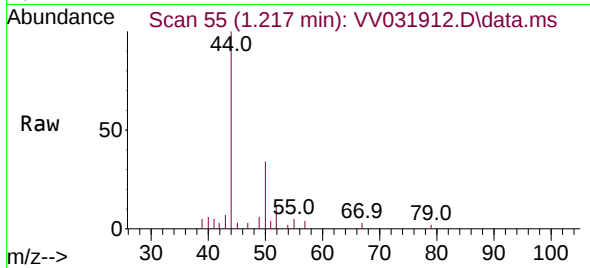




#3
Chloromethane
Concen: 0.222 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031912.D
Acq: 24 Aug 2023 16:24

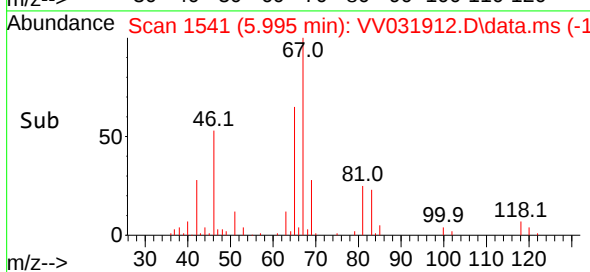
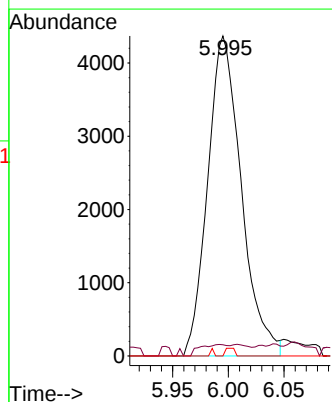
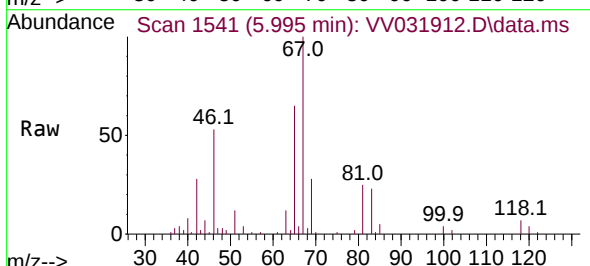
Instrument :
MSVOA_V
ClientSampleId :

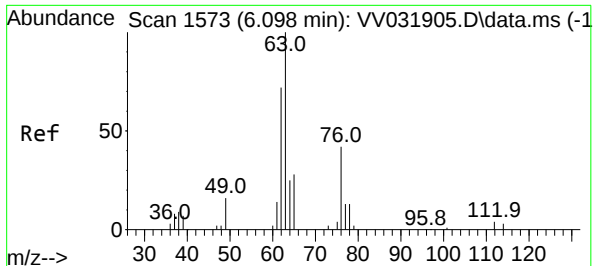
Tgt Ion: 50 Resp: 1616
Ion Ratio Lower Upper
50 100
52 34.9 23.3 43.3



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031912.D
Acq: 24 Aug 2023 16:24

Tgt Ion: 83 Resp: 9174
Ion Ratio Lower Upper
83 100
55 3.1 62.6 94.0#
98 0.0 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

Instrument :

MSVOA_V

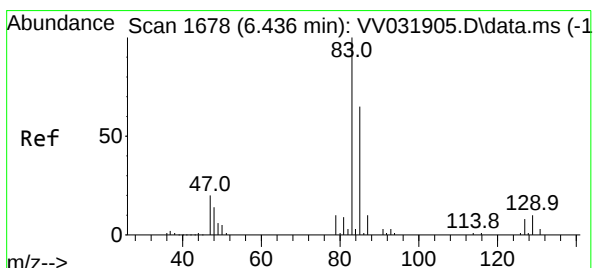
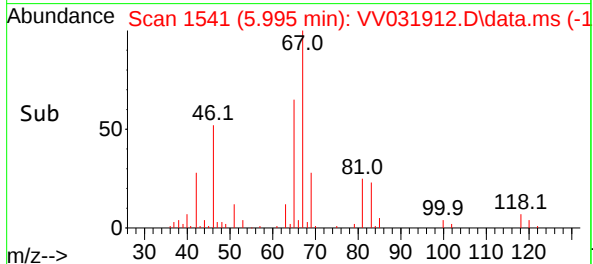
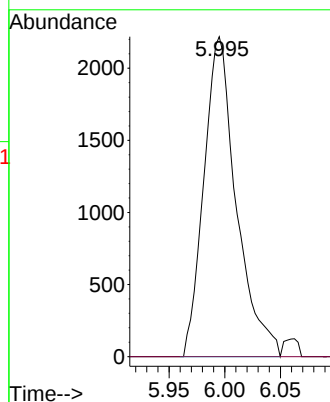
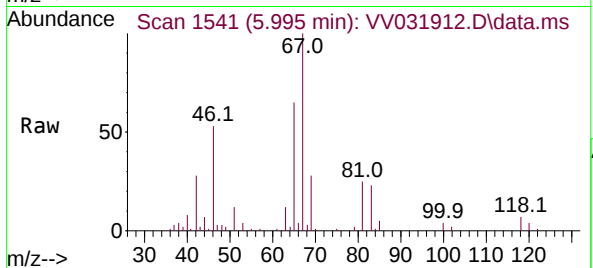
ClientSampleId :

Tgt Ion: 63 Resp: 4494

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 1.050 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

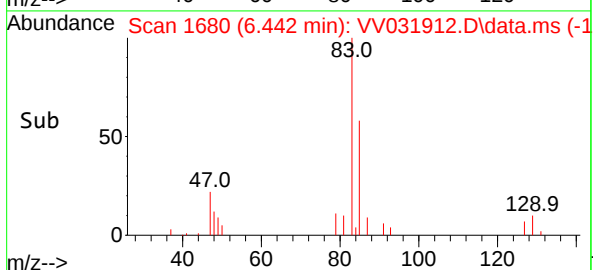
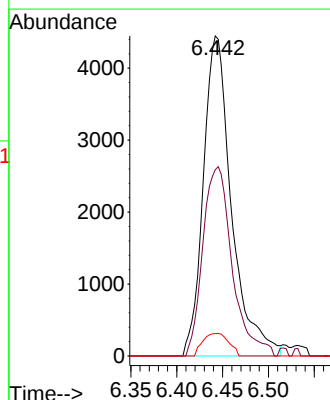
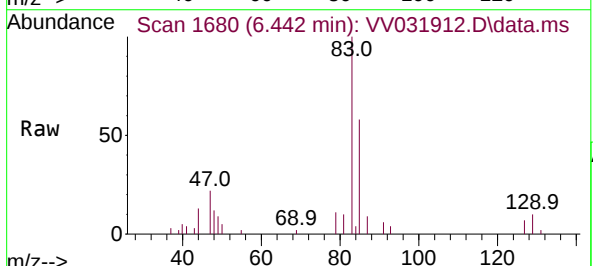
Tgt Ion: 83 Resp: 9520

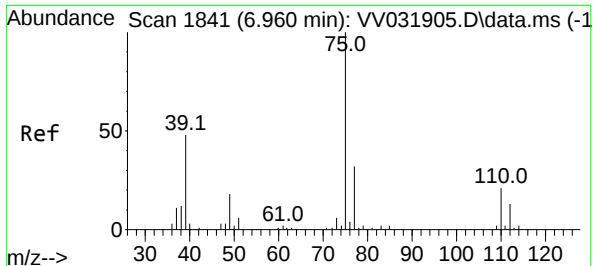
Ion Ratio Lower Upper

83 100

85 58.2 44.4 82.4

127 7.0 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 6.928 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

Instrument :

MSVOA_V

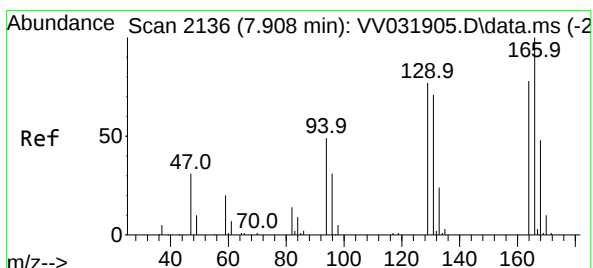
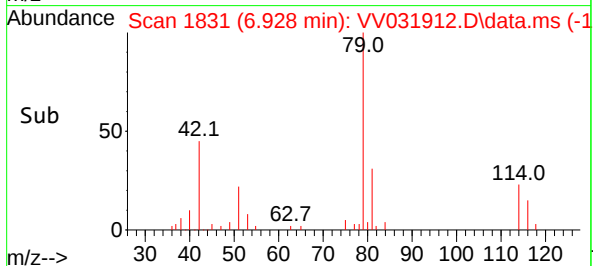
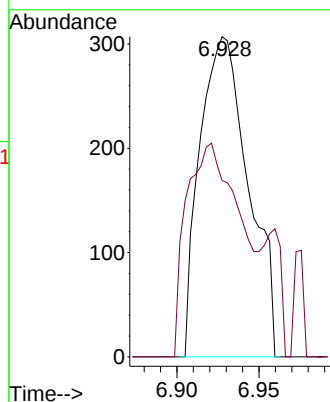
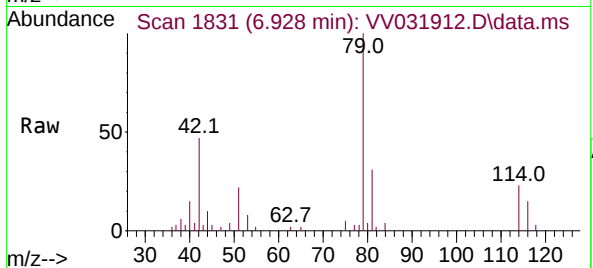
ClientSampleId :

Tgt Ion: 75 Resp: 632

Ion Ratio Lower Upper

75 100

77 55.0 23.2 43.2#



#47

Tetrachloroethene

Concen: 0.105 ug/L

RT: 7.921 min Scan# 2140

Delta R.T. 0.013 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

Tgt Ion: 164 Resp: 499

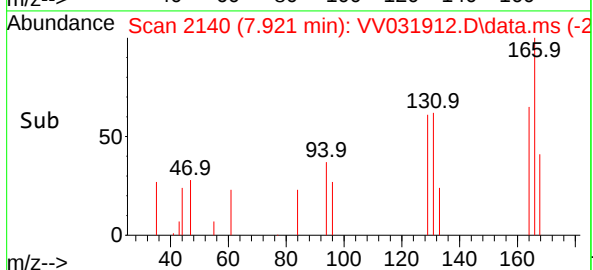
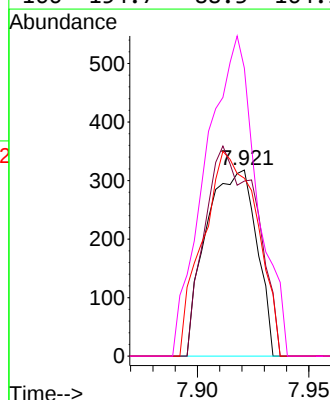
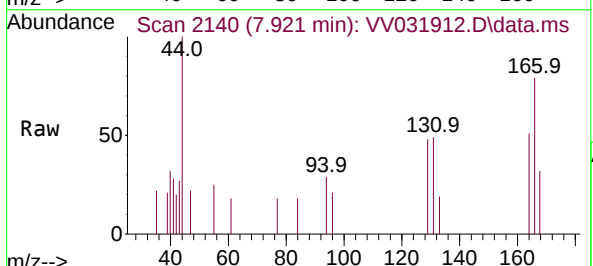
Ion Ratio Lower Upper

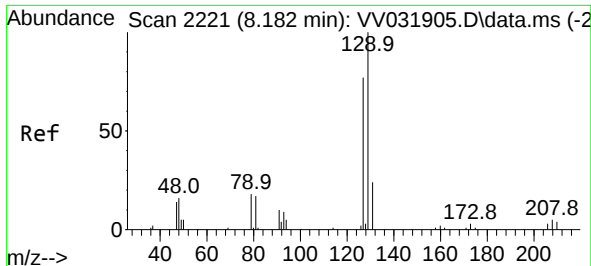
164 100

129 94.0 70.6 131.2

131 95.6 64.6 120.0

166 154.7 88.3 164.1





#49

Dibromochloromethane

Concen: 2.468 ug/L

RT: 8.181 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

Instrument :

MSVOA_V

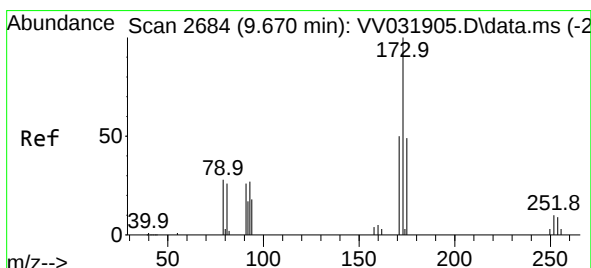
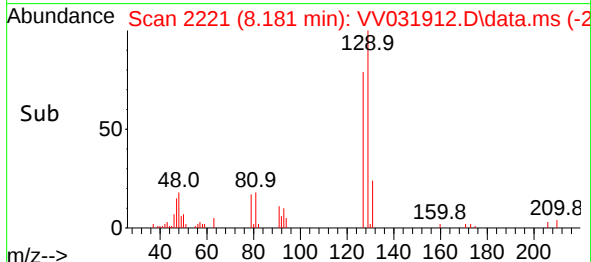
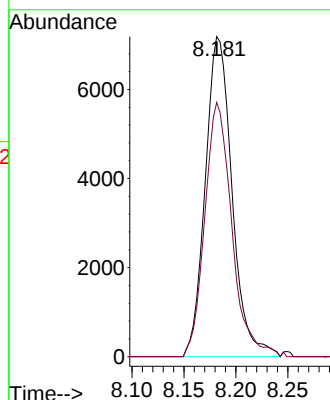
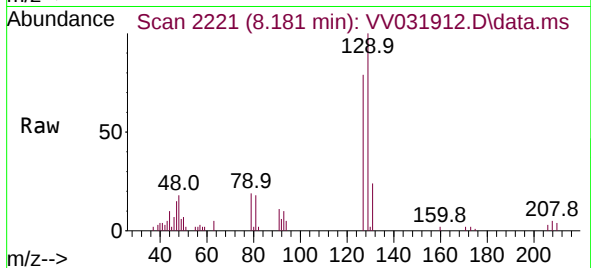
ClientSampleId :

Tgt Ion:129 Resp: 12897

Ion Ratio Lower Upper

129 100

127 79.5 53.7 99.7



#59

Bromoform

Concen: 1.984 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031912.D

Acq: 24 Aug 2023 16:24

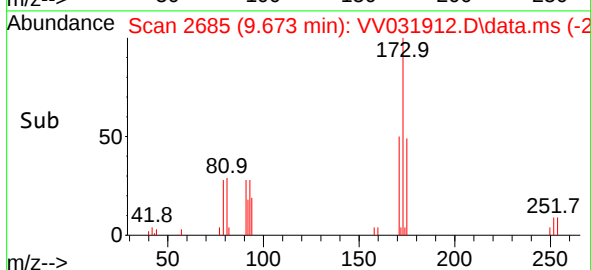
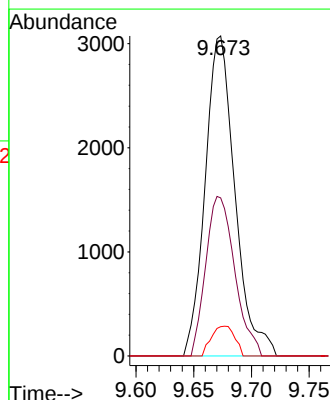
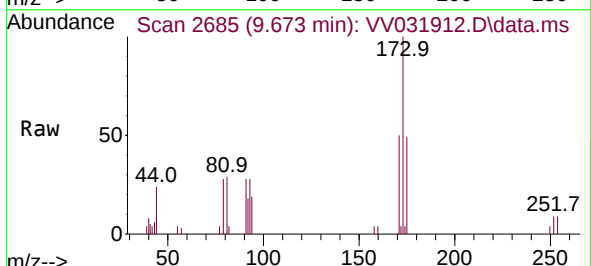
Tgt Ion:173 Resp: 5510

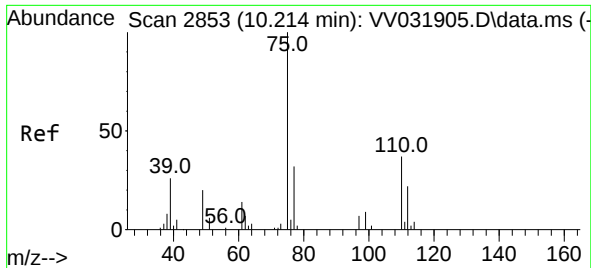
Ion Ratio Lower Upper

173 100

175 48.5 38.0 57.0

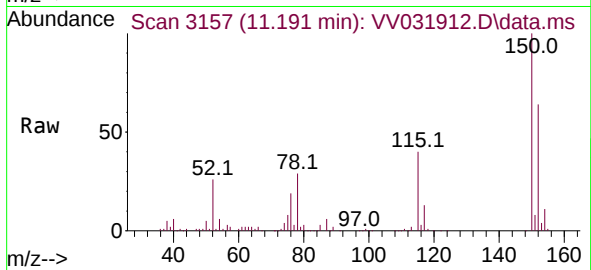
254 7.3 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 1.821 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031912.D
 Acq: 24 Aug 2023 16:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	7884
Ion	Ratio	Lower Upper
75	100	
77	36.1	28.8 43.2
110	2.5	30.2 45.2#

