

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031916.D
 Acq On : 24 Aug 2023 17:58
 Operator : SY/MD
 Sample : 04158-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:00:13 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)

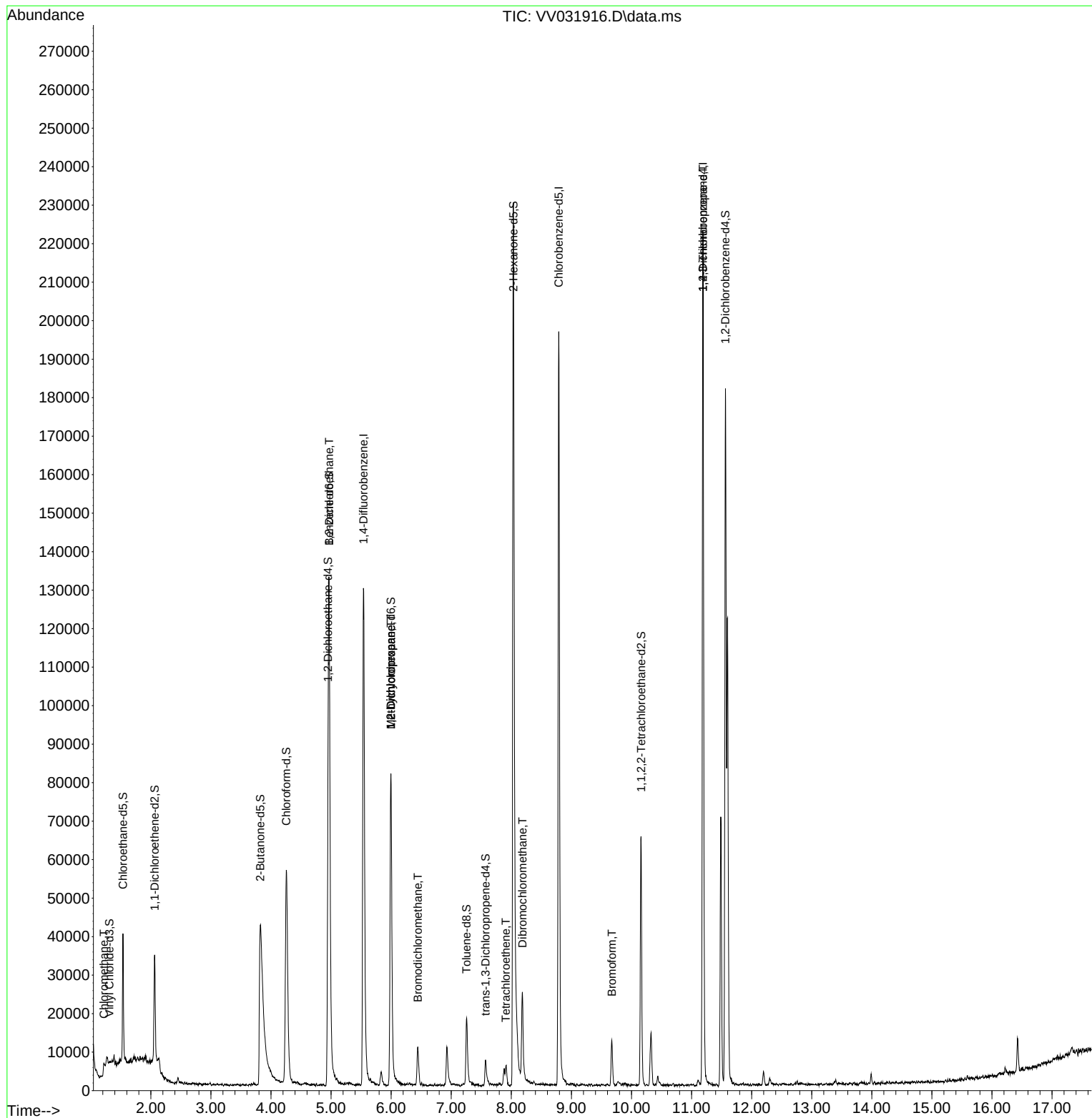
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	115351	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	55602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	40	0.010	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.535	69	20195	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.063	65	5169	2.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.000%#
20) 2-Butanone-d5	3.821	46	107902	57.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.420%
24) Chloroform-d	4.256	84	60660	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.950	65	32703	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.966	84	117391	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	5.995	67	41617	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.255	98	13677	0.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	12.000%#
43) trans-1,3-Dichloroprop...	7.571	79	4672	1.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	29.600%#
46) 2-Hexanone-d5	8.034	63	89901	53.520	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32625	5.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	43677	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
3) Chloromethane	1.217	50	1121	0.159	ug/L	83
27) 1,2-Dichloroethane	4.966	62	709	0.096	ug/L #	75
35) Methylcyclohexane	5.995	83	9412	0.892	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	4826	0.706	ug/L #	87
38) Bromodichloromethane	6.442	83	7178	0.812	ug/L	94
47) Tetrachloroethene	7.908	164	1133	0.245	ug/L	89
49) Dibromochloromethane	8.185	129	11650	2.286	ug/L	97
59) Bromoform	9.673	173	5349	2.036	ug/L	97
61) 1,2,3-Trichloropropane	11.191	75	7705	1.881	ug/L #	69

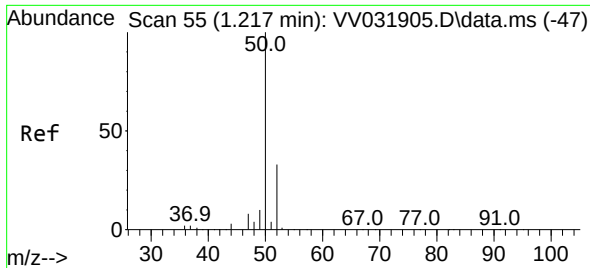
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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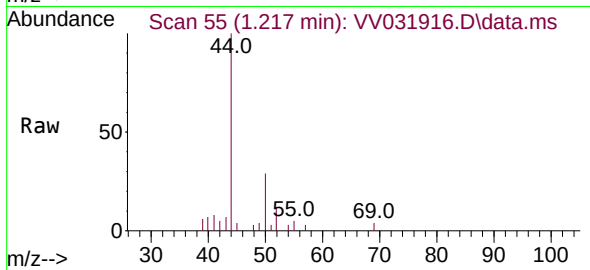
Quant Time: Aug 25 01:00:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
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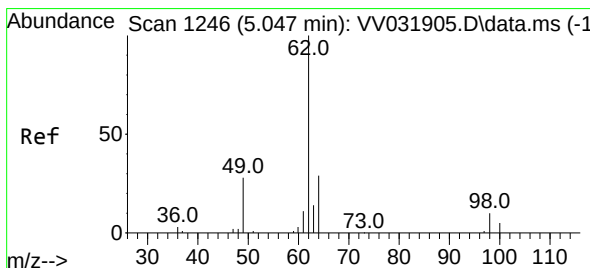
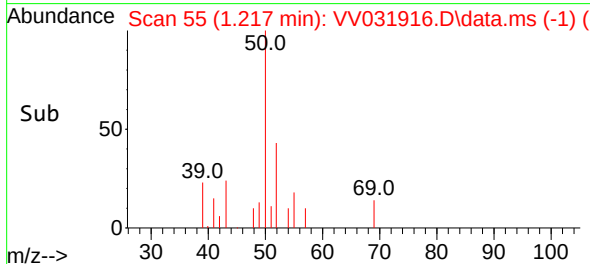
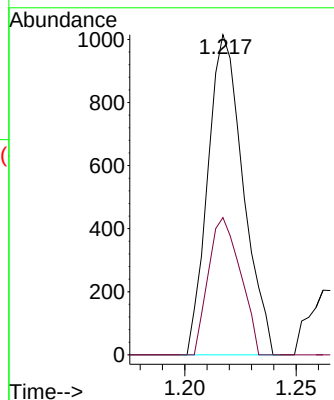


#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031916.D
Acq: 24 Aug 2023 17:58

Instrument :
MSVOA_V
ClientSampleId :

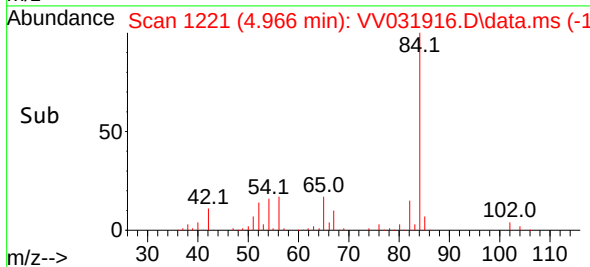
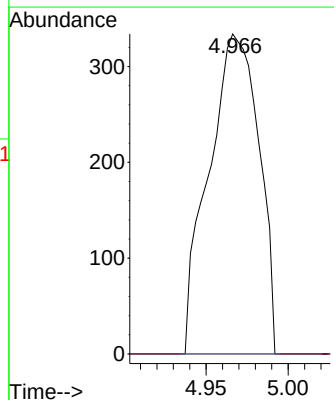
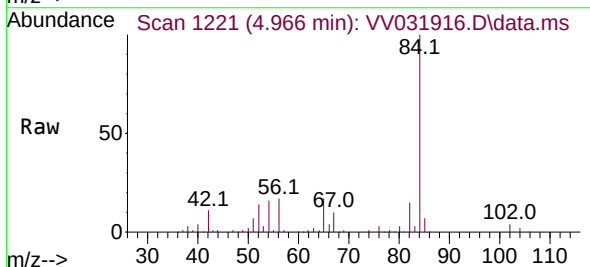


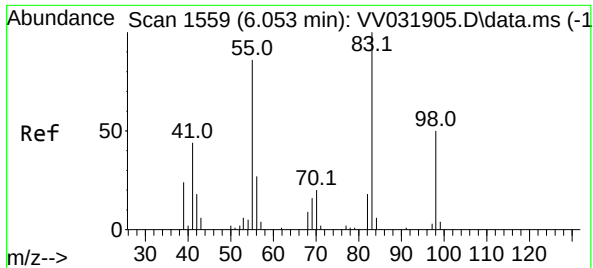
Tgt Ion: 50 Resp: 1121
Ion Ratio Lower Upper
50 100
52 42.9 23.3 43.3



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.081 min
Lab File: VV031916.D
Acq: 24 Aug 2023 17:58

Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

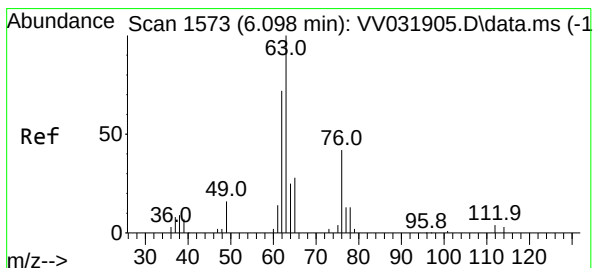
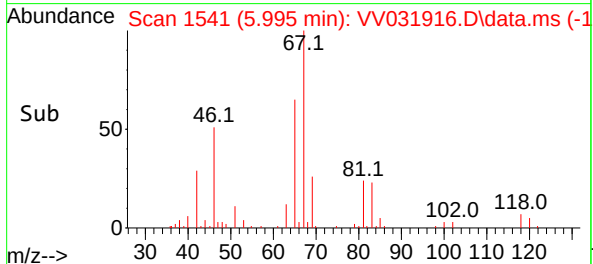
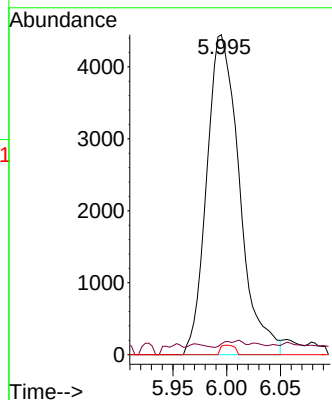
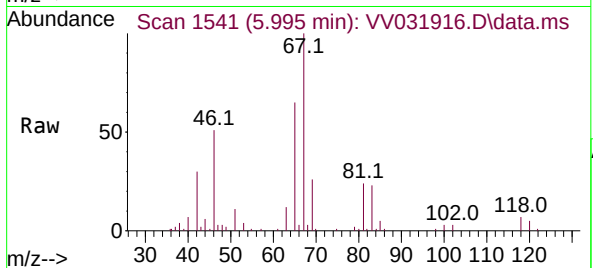




#35
Methylcyclohexane
Concen: 0.892 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV031916.D
Acq: 24 Aug 2023 17:58

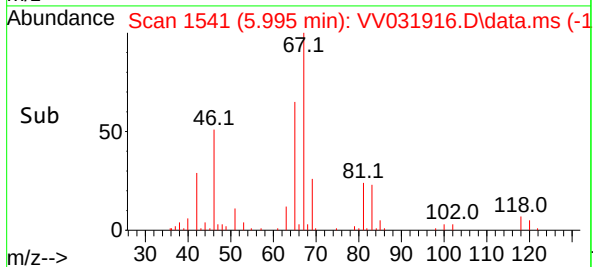
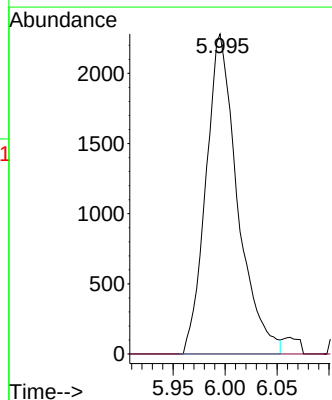
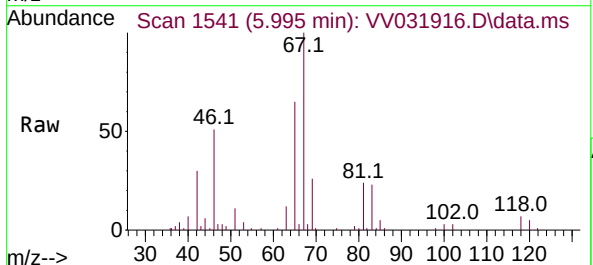
Instrument :
MSVOA_V
ClientSampleId :

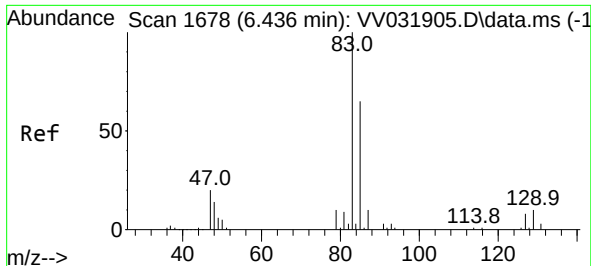
Tgt Ion: 83 Resp: 9412
Ion Ratio Lower Upper
83 100
55 3.4 62.6 94.0#
98 1.2 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV031916.D
Acq: 24 Aug 2023 17:58

Tgt Ion: 63 Resp: 4826
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

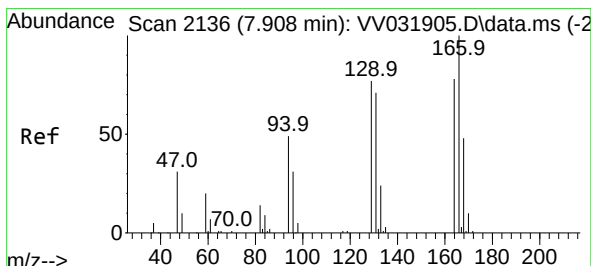
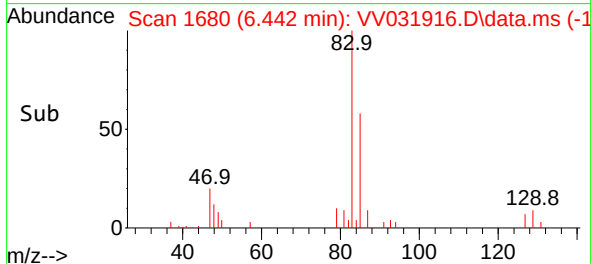
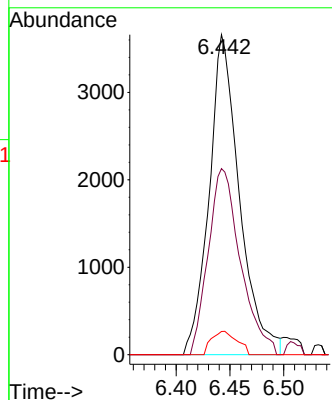
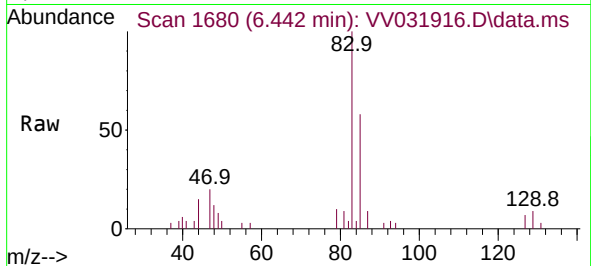




#38
Bromodichloromethane
Concen: 0.812 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV031916.D
Acq: 24 Aug 2023 17:58

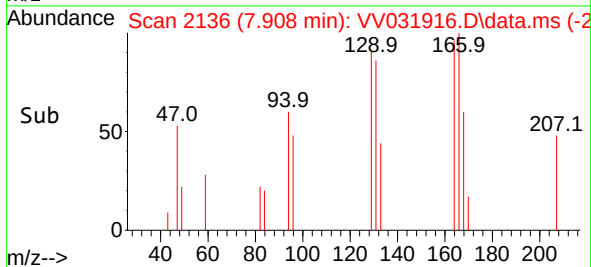
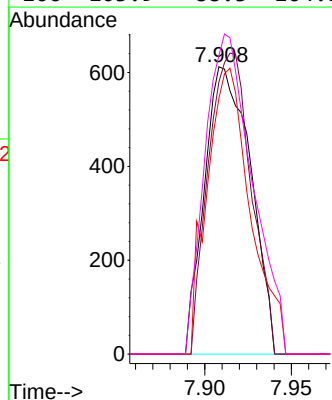
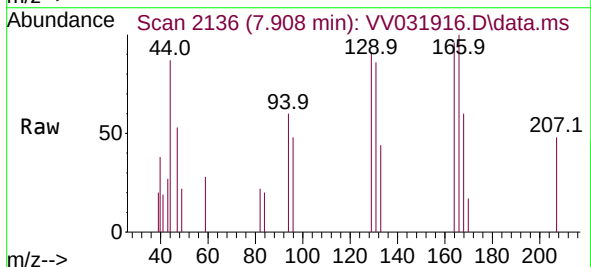
Instrument :
MSVOA_V
ClientSampleId :

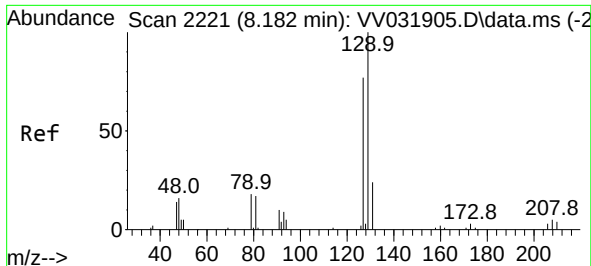
Tgt Ion: 83 Resp: 7178
Ion Ratio Lower Upper
83 100
85 58.1 44.4 82.4
127 7.3 6.2 9.4



#47
Tetrachloroethene
Concen: 0.245 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031916.D
Acq: 24 Aug 2023 17:58

Tgt Ion: 164 Resp: 1133
Ion Ratio Lower Upper
164 100
129 94.8 70.6 131.2
131 89.1 64.6 120.0
166 103.9 88.3 164.1





#49

Dibromochloromethane

Concen: 2.286 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV031916.D

Acq: 24 Aug 2023 17:58

Instrument :

MSVOA_V

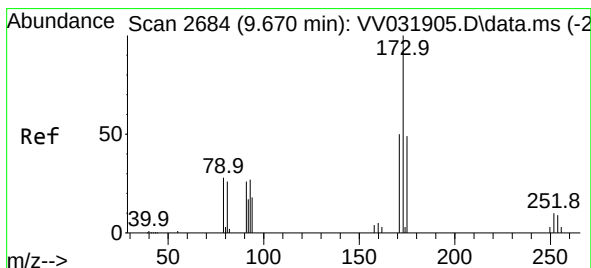
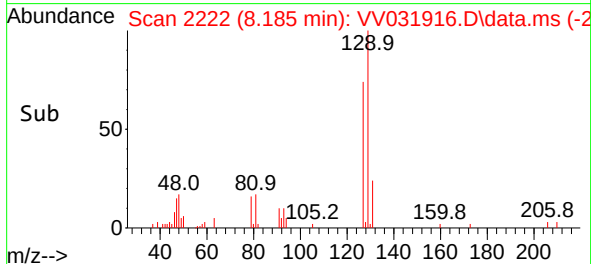
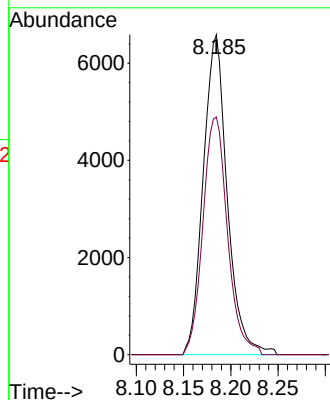
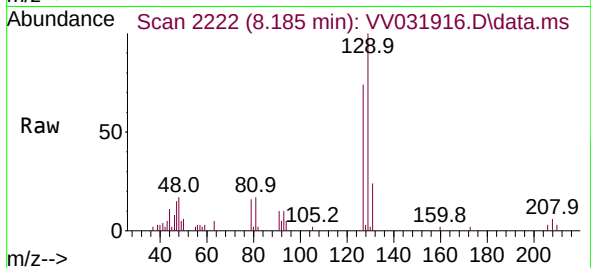
ClientSampleId :

Tgt Ion:129 Resp: 11650

Ion Ratio Lower Upper

129 100

127 74.3 53.7 99.7



#59

Bromoform

Concen: 2.036 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031916.D

Acq: 24 Aug 2023 17:58

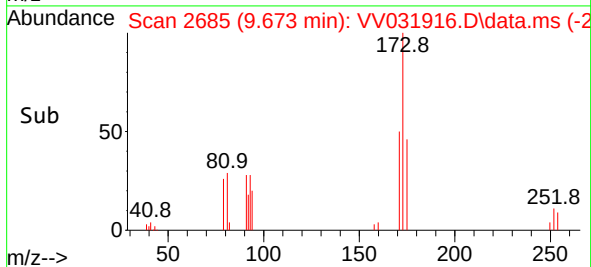
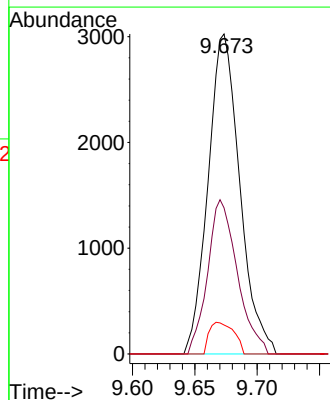
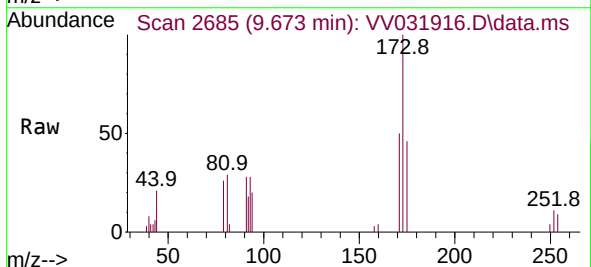
Tgt Ion:173 Resp: 5349

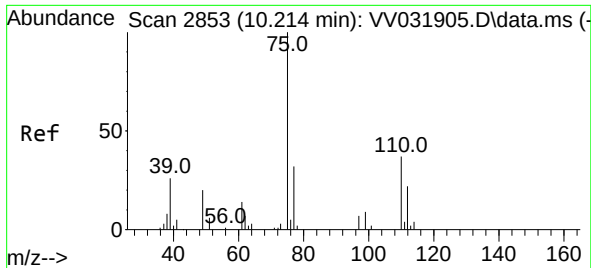
Ion Ratio Lower Upper

173 100

175 45.3 38.0 57.0

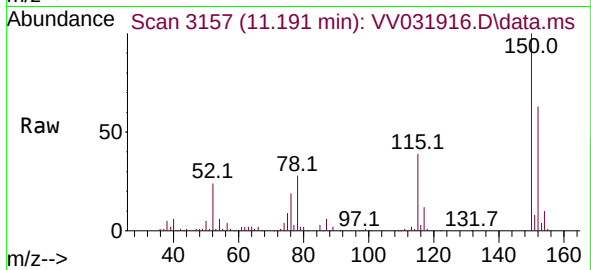
254 7.7 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 1.881 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031916.D
 Acq: 24 Aug 2023 17:58

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	7705
Ion	Ratio	Lower	Upper
75	100		
77	36.5	28.8	43.2
110	2.0	30.2	45.2#

