

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031913.D
 Acq On : 24 Aug 2023 16:46
 Operator : SY/MD
 Sample : 04158-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:59:30 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)

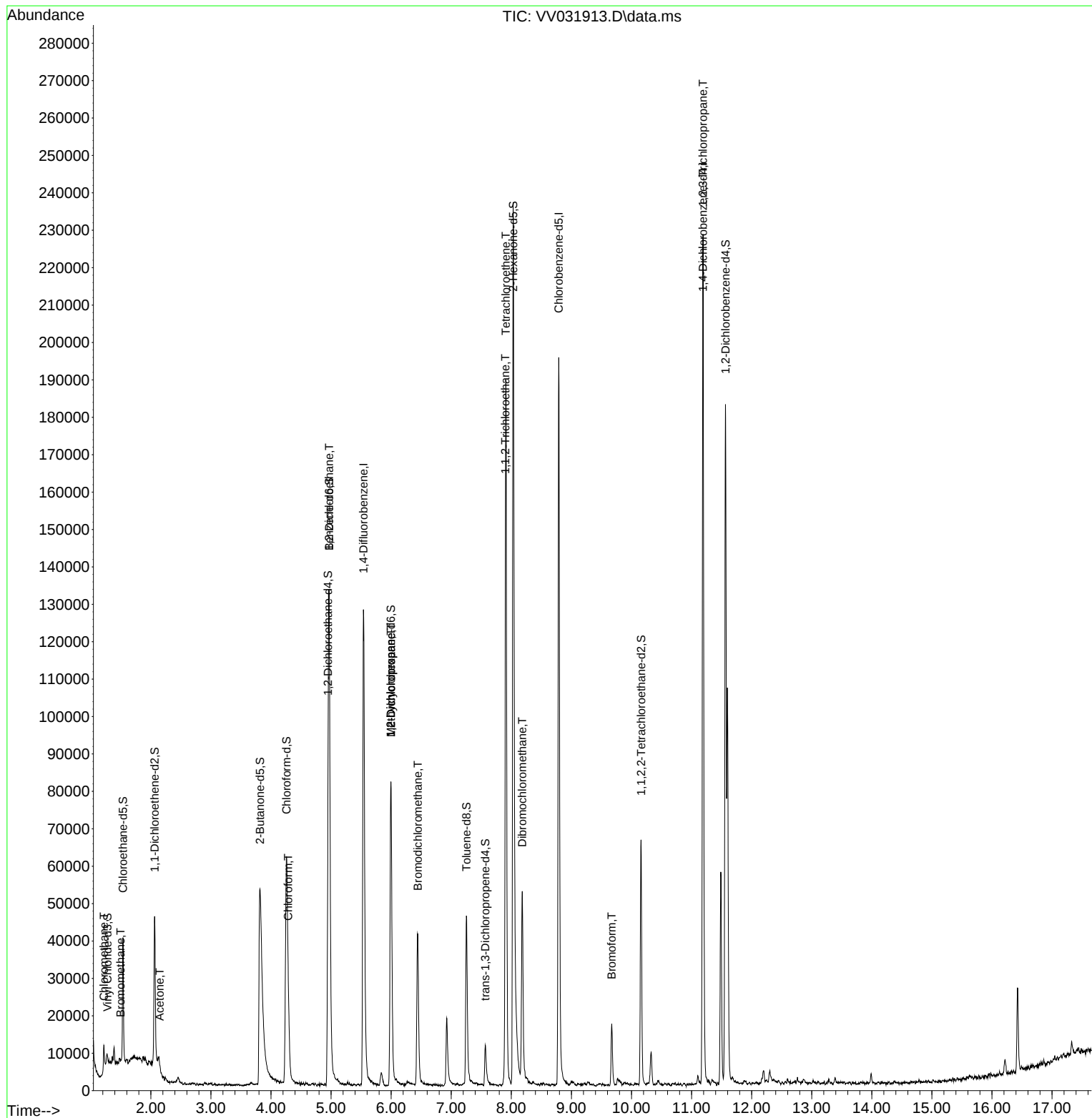
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	111596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	104241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	56050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70	0.019	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.536	69	21203	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.063	65	7105	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.815	46	114389	62.695	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.380%
24) Chloroform-d	4.256	84	61931	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.950	65	33509	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.966	84	120705	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.995	67	41429	4.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.252	98	33279	1.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	30.200%#
43) trans-1,3-Dichloroprop...	7.567	79	7601	2.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.800%#
46) 2-Hexanone-d5	8.031	63	89151	54.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32997	5.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	44239	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4170	0.611	ug/L	96
6) Bromomethane	1.494	94	358	0.082	ug/L #	68
13) Acetone	2.147	43	2290	2.130	ug/L	96
25) Chloroform	4.285	83	17082	1.429	ug/L	94
27) 1,2-Dichloroethane	4.966	62	750	0.105	ug/L #	75
35) Methylcyclohexane	5.995	83	9681	0.948	ug/L #	21
37) 1,2-Dichloropropane	5.995	63	4787	0.724	ug/L #	87
38) Bromodichloromethane	6.442	83	29097	3.398	ug/L	97
45) 1,1,2-Trichloroethane	7.902	97	490	0.103	ug/L #	24
47) Tetrachloroethene	7.908	164	40803	9.101	ug/L	98
49) Dibromochloromethane	8.182	129	25305	5.128	ug/L	100
59) Bromoform	9.670	173	7181	2.712	ug/L	98
61) 1,2,3-Trichloropropane	11.188	75	7634	1.849	ug/L #	67

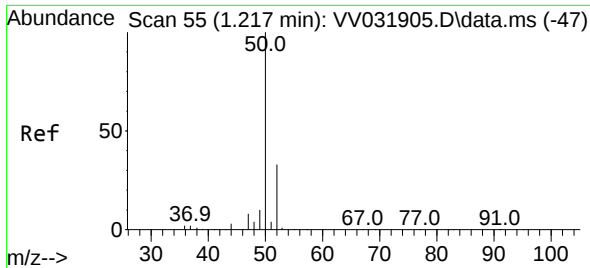
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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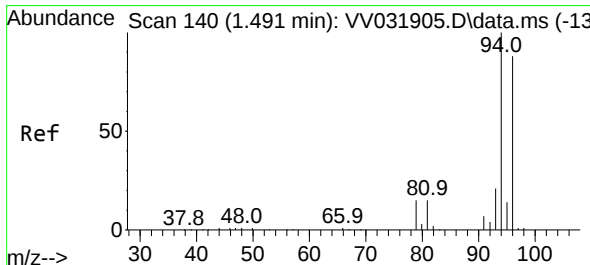
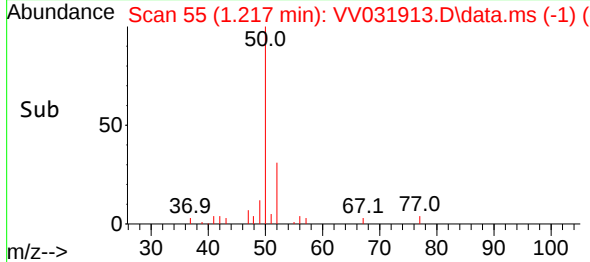
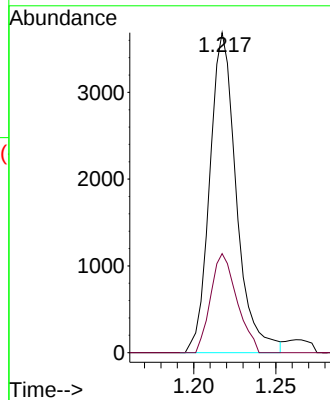
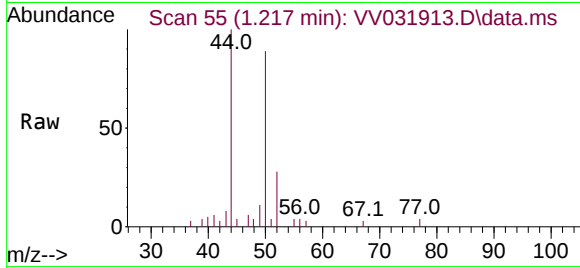




#3
Chloromethane
Concen: 0.611 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031913.D
Acq: 24 Aug 2023 16:46

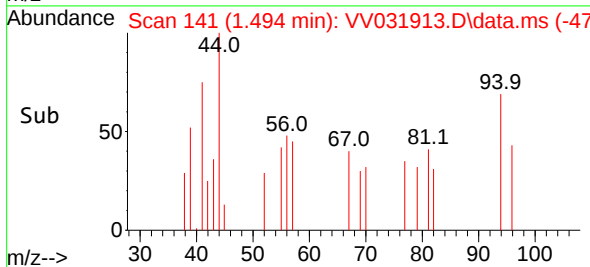
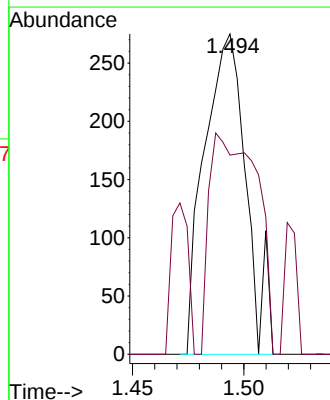
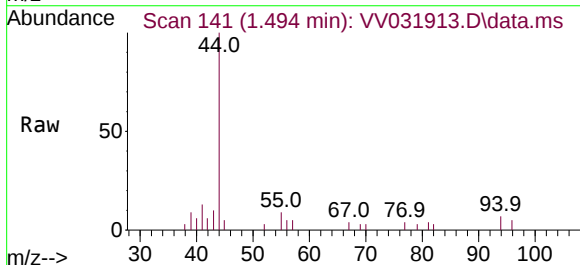
Instrument :
MSVOA_V
ClientSampleId :

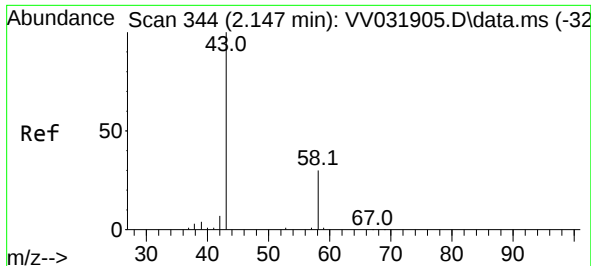
Tgt Ion: 50 Resp: 4170
Ion Ratio Lower Upper
50 100
52 30.9 23.3 43.3



#6
Bromomethane
Concen: 0.082 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031913.D
Acq: 24 Aug 2023 16:46

Tgt Ion: 94 Resp: 358
Ion Ratio Lower Upper
94 100
96 62.2 65.0 120.8#





#13

Acetone

Concen: 2.130 ug/L

RT: 2.147 min Scan# 344

Delta R.T. 0.000 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

Instrument :

MSVOA_V

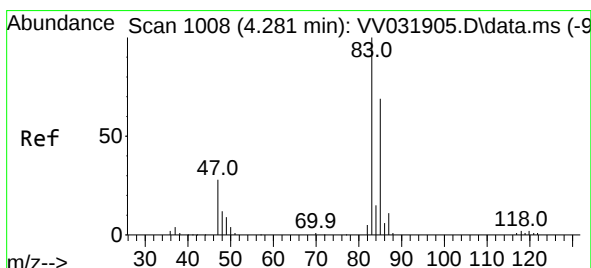
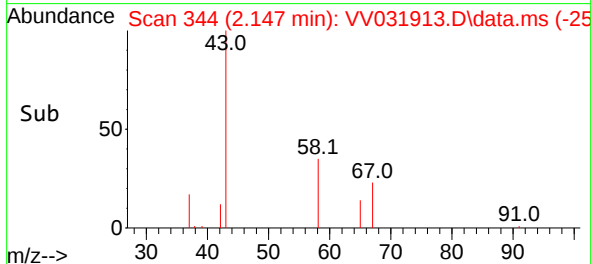
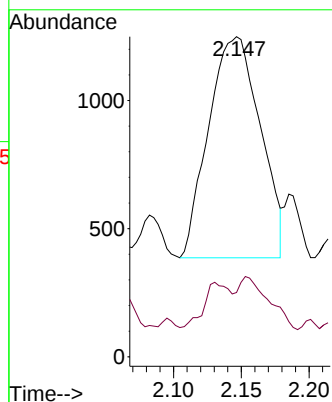
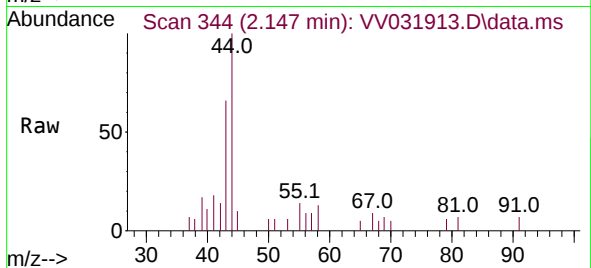
ClientSampleId :

Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

43 100

58 16.6 0.0 37.0



#25

Chloroform

Concen: 1.429 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.003 min

Lab File: VV031913.D

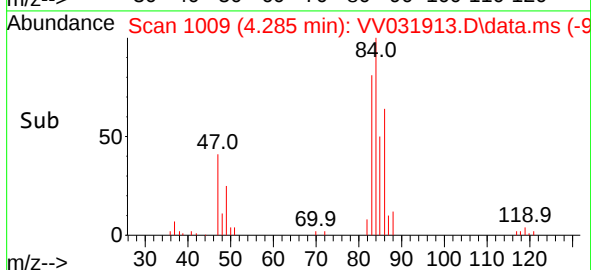
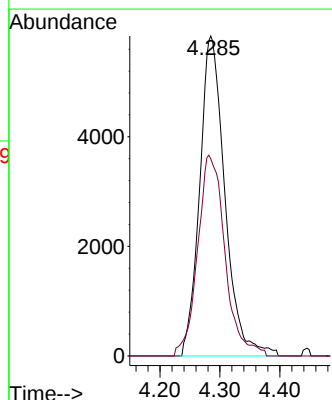
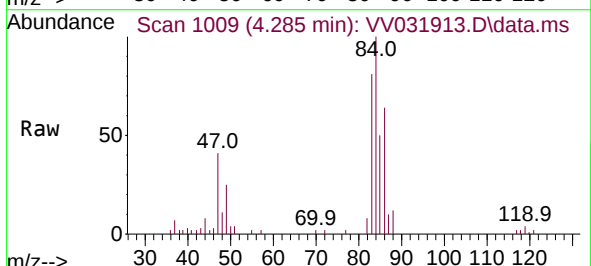
Acq: 24 Aug 2023 16:46

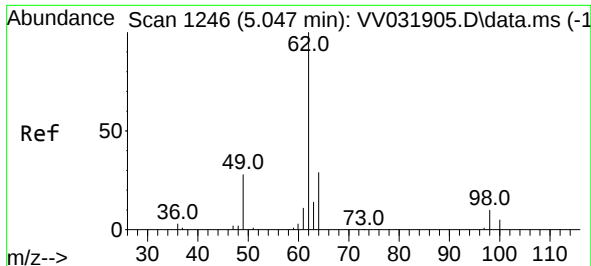
Tgt Ion: 83 Resp: 17082

Ion Ratio Lower Upper

83 100

85 61.6 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.105 ug/L

RT: 4.966 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

Instrument :

MSVOA_V

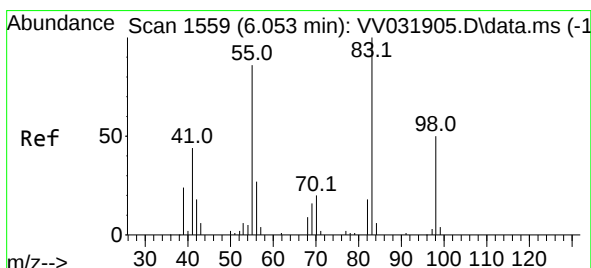
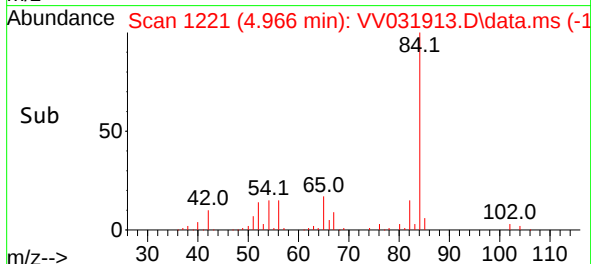
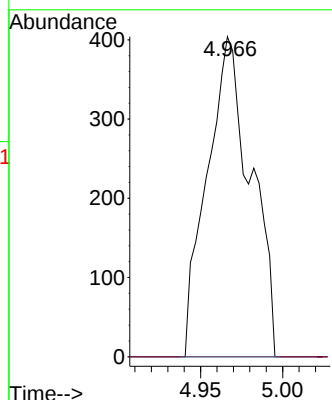
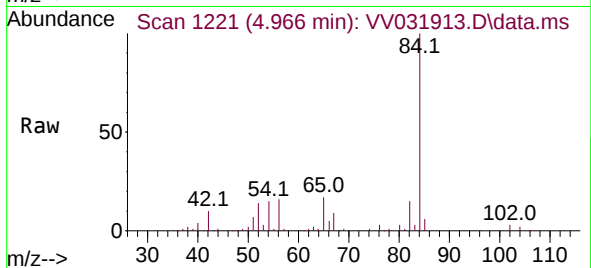
ClientSampleId :

Tgt Ion: 62 Resp: 750

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#35

Methylcyclohexane

Concen: 0.948 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

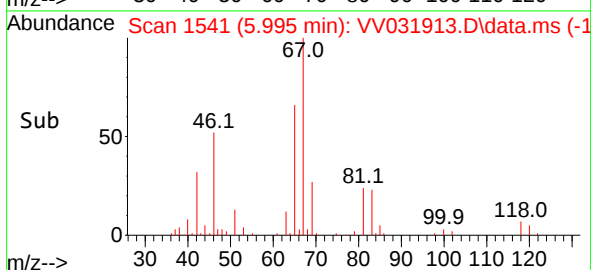
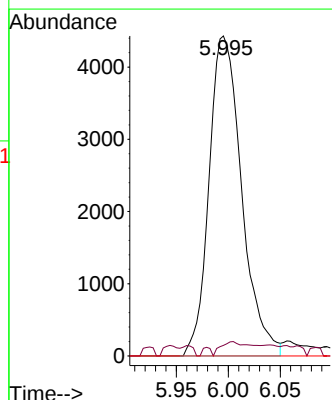
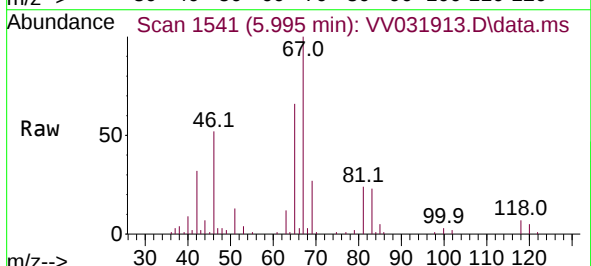
Tgt Ion: 83 Resp: 9681

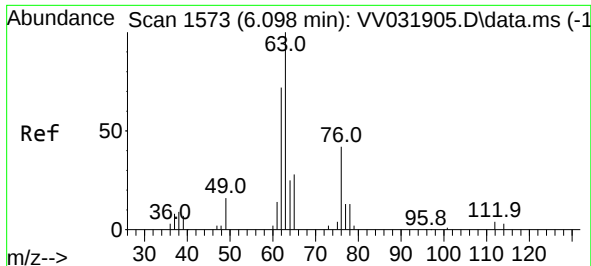
Ion Ratio Lower Upper

83 100

55 4.3 62.6 94.0#

98 0.0 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.724 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

Instrument :

MSVOA_V

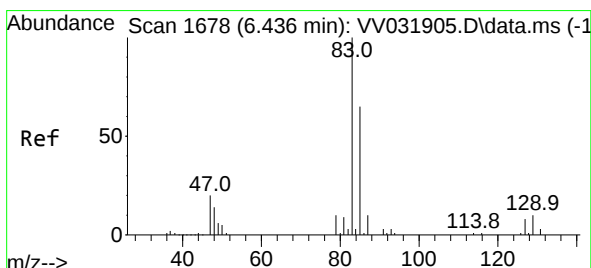
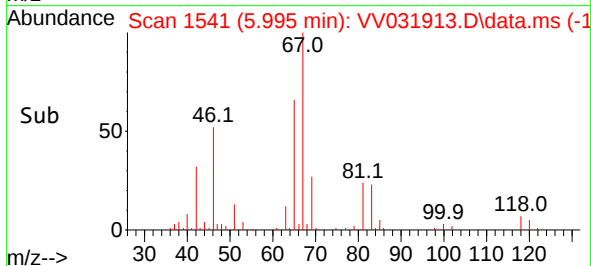
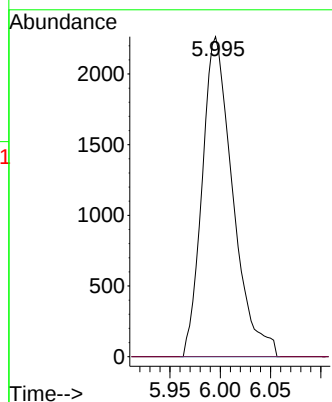
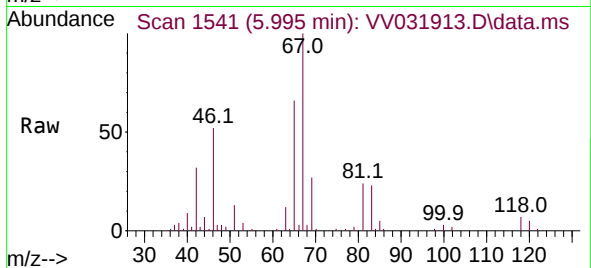
ClientSampleId :

Tgt Ion: 63 Resp: 4787

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 3.398 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

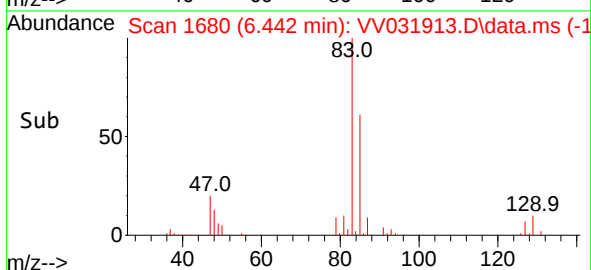
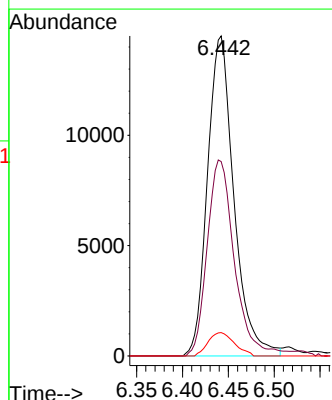
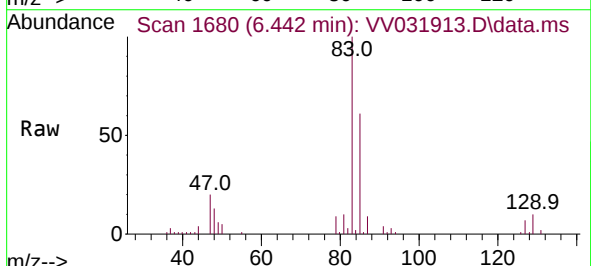
Tgt Ion: 83 Resp: 29097

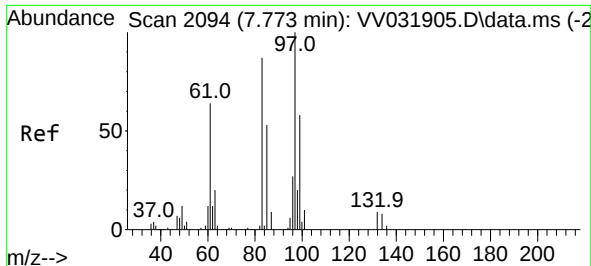
Ion Ratio Lower Upper

83 100

85 60.8 44.4 82.4

127 7.3 6.2 9.4

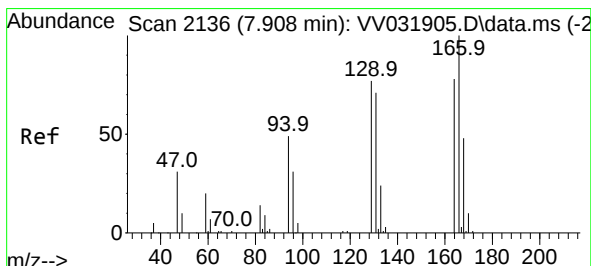
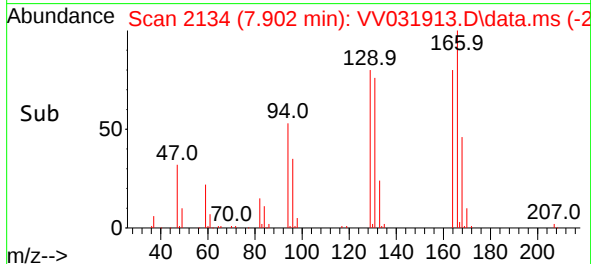
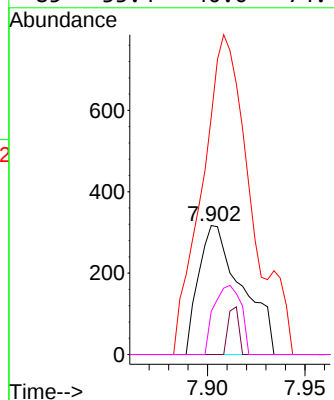
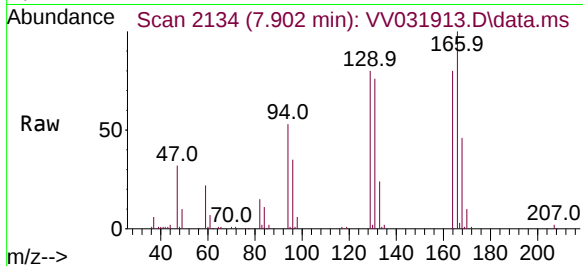




#45
1,1,2-Trichloroethane
Concen: 0.103 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.129 min
Lab File: VV031913.D
Acq: 24 Aug 2023 16:46

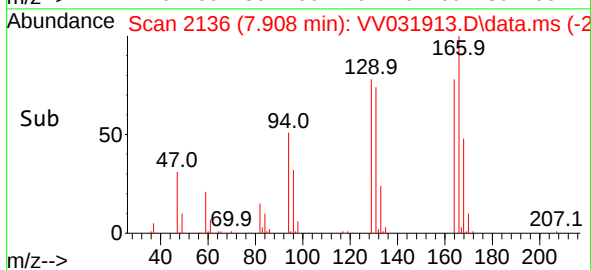
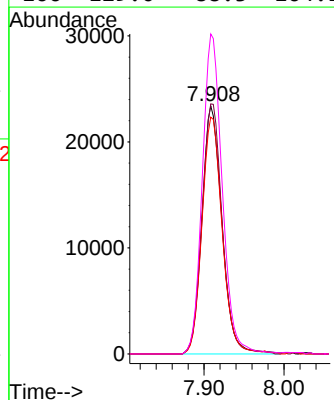
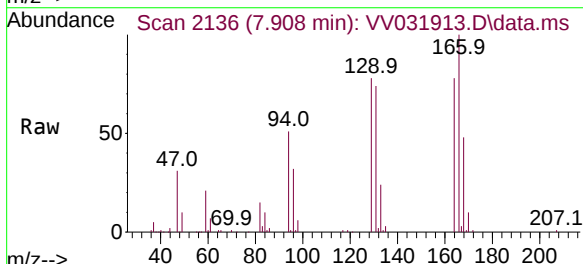
Instrument :
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ClientSampleId :

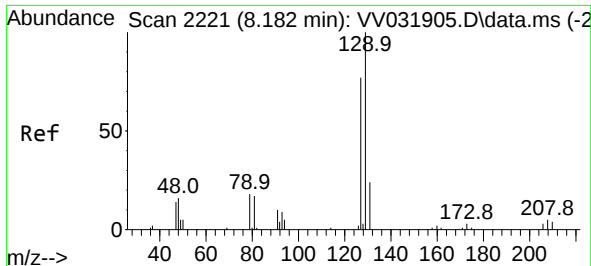
Tgt Ion:	97	Resp:	490
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.3	82.3#
83	184.2	62.7	116.5#
85	33.4	40.0	74.4#



#47
Tetrachloroethene
Concen: 9.101 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV031913.D
Acq: 24 Aug 2023 16:46

Tgt Ion:	164	Resp:	40803
Ion	Ratio	Lower	Upper
164	100		
129	100.8	70.6	131.2
131	95.5	64.6	120.0
166	129.0	88.3	164.1





#49

Dibromochloromethane

Concen: 5.128 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

Instrument :

MSVOA_V

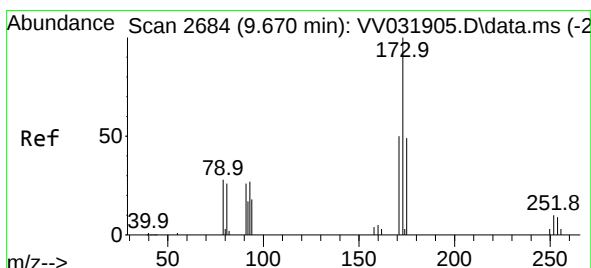
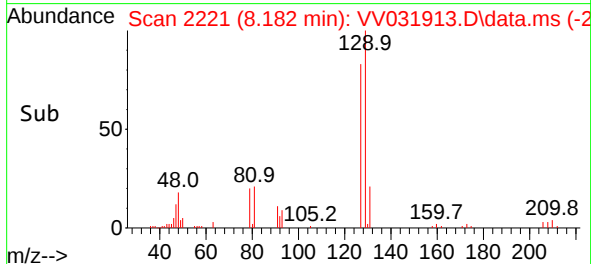
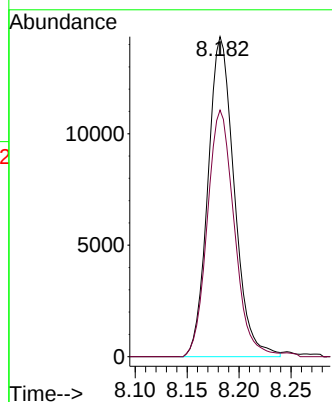
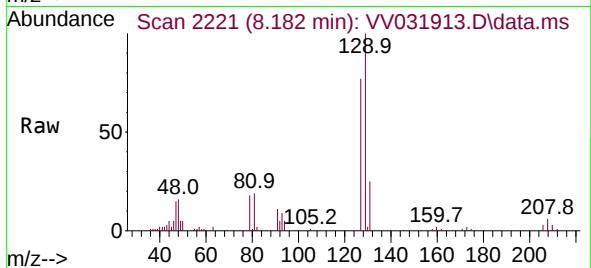
ClientSampleId :

Tgt Ion:129 Resp: 25305

Ion Ratio Lower Upper

129 100

127 77.1 53.7 99.7



#59

Bromoform

Concen: 2.712 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031913.D

Acq: 24 Aug 2023 16:46

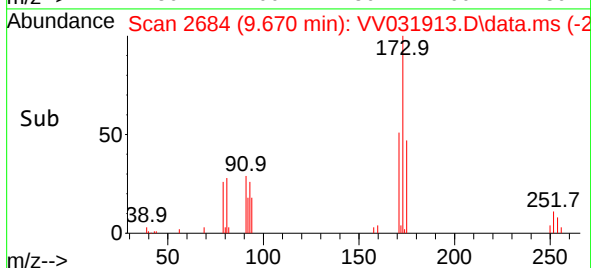
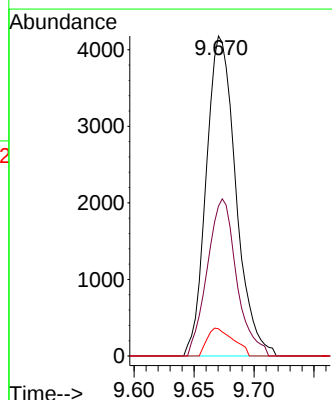
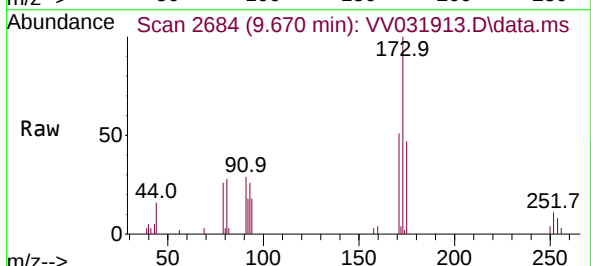
Tgt Ion:173 Resp: 7181

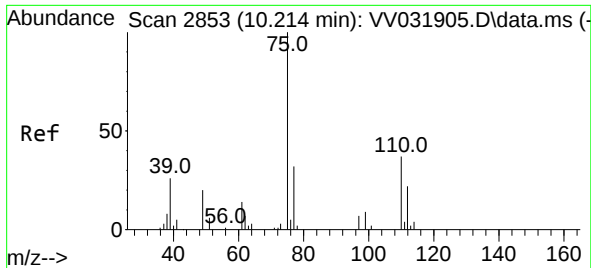
Ion Ratio Lower Upper

173 100

175 48.6 38.0 57.0

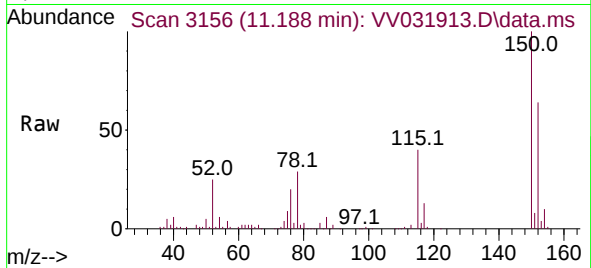
254 7.6 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 1.849 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV031913.D
 Acq: 24 Aug 2023 16:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	7634
Ion Ratio	Lower	Upper
75	100	
77	39.8	28.8 43.2
110	2.2	30.2 45.2#

