

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031886.D
 Acq On : 23 Aug 2023 23:57
 Operator : SY/MD
 Sample : 04115-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 24 05:01:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

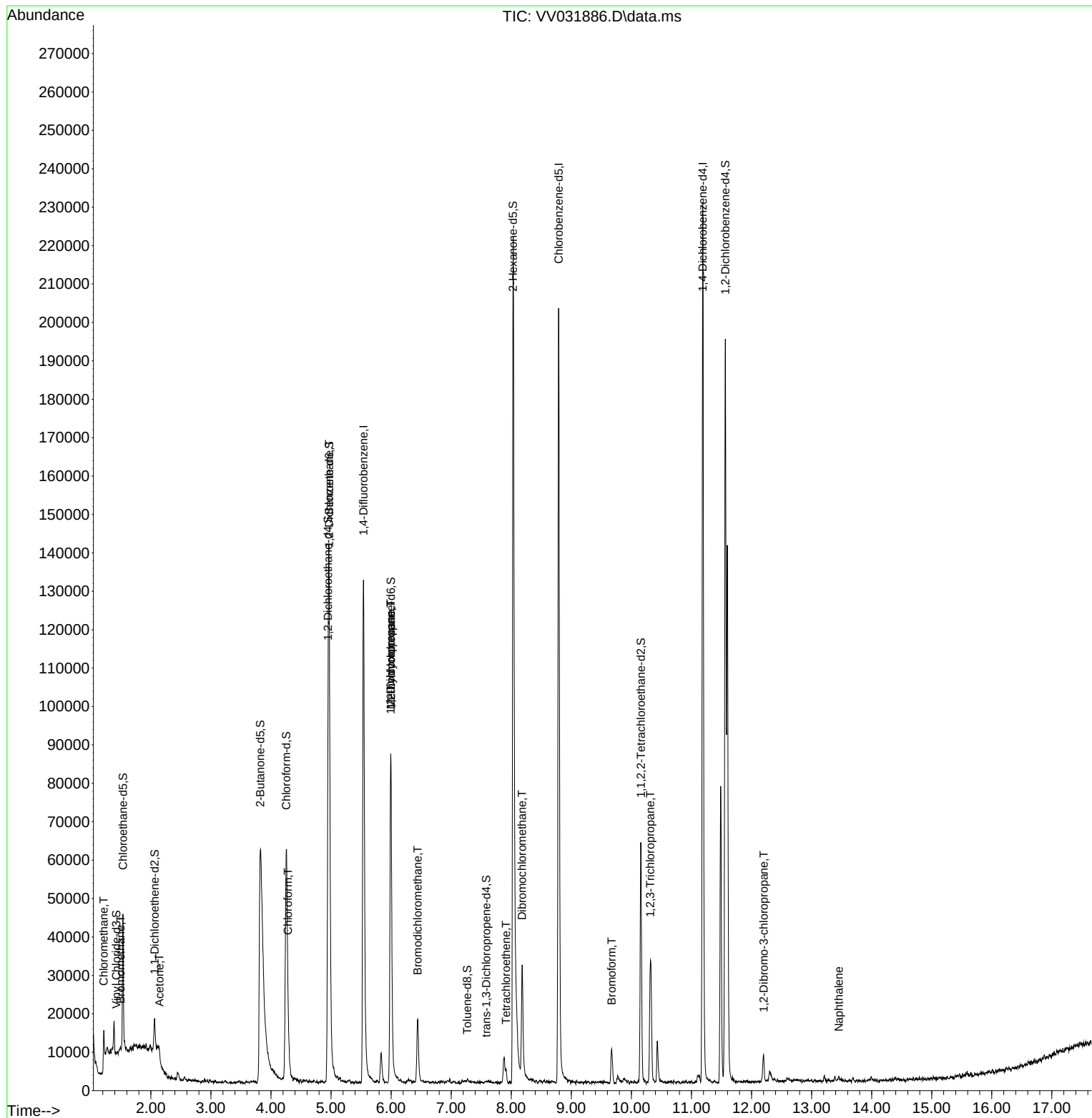
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	116634	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.426	65	351	0.089	ug/L	0.15
Spiked Amount	5.000	Range	40 - 130	Recovery	=	1.800%#
7) Chloroethane-d5	1.536	69	22432	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.063	65	1480	0.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	12.800%#
20) 2-Butanone-d5	3.822	46	115009	60.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.620%
24) Chloroform-d	4.253	84	64932	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.950	65	34799	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.966	84	128222	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	5.995	67	44160	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.269	98	427	0.018	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	7.584	79	386	0.121	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	2.400%#
46) 2-Hexanone-d5	8.031	63	85895	50.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31289	4.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	46385	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4667	0.654	ug/L	97
6) Bromomethane	1.497	94	532	0.116	ug/L	81
13) Acetone	2.143	43	2270	2.020	ug/L	96
25) Chloroform	4.281	83	6185	0.495	ug/L	96
27) 1,2-Dichloroethane	4.970	62	822	0.110	ug/L #	75
35) Methylcyclohexane	5.995	83	10441	0.974	ug/L #	20
37) 1,2-Dichloropropane	5.992	63	5046	0.727	ug/L #	87
38) Bromodichloromethane	6.442	83	12120	1.349	ug/L	96
47) Tetrachloroethene	7.915	164	677	0.144	ug/L	86
49) Dibromochloromethane	8.182	129	14716	2.842	ug/L	96
59) Bromoform	9.670	173	4260	1.613	ug/L #	97
61) 1,2,3-Trichloropropane	10.317	75	571	0.139	ug/L #	76
68) 1,2-Dibromo-3-chloropr...	12.204	75	339	0.364	ug/L #	9
71) Naphthalene	13.455	128	1218	0.069	ug/L #	86

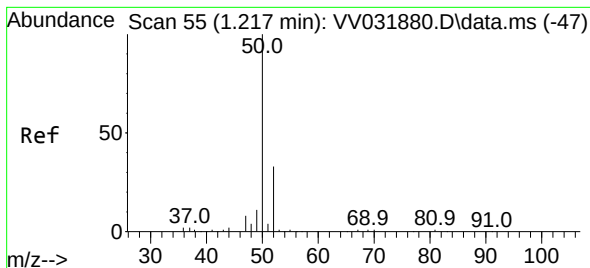
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
Data File : VV031886.D
Acq On : 23 Aug 2023 23:57
Operator : SY/MD
Sample : 04115-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 24 05:01:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:46:53 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.654 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

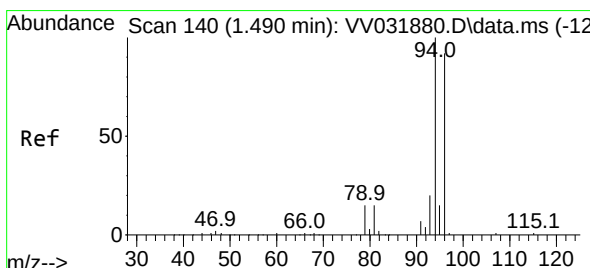
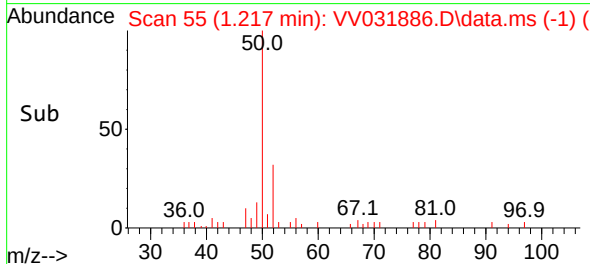
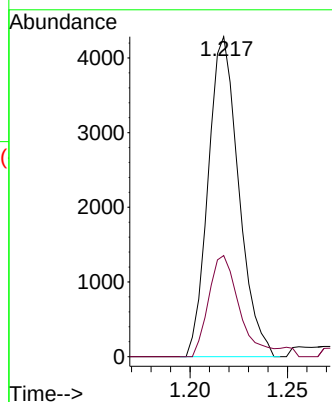
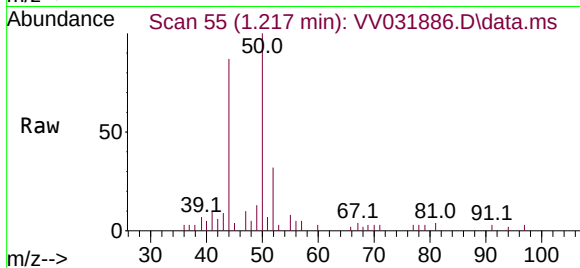
ClientSampleId :

Tgt Ion: 50 Resp: 4667

Ion Ratio Lower Upper

50 100

52 31.6 23.3 43.3



#6

Bromomethane

Concen: 0.116 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.007 min

Lab File: VV031886.D

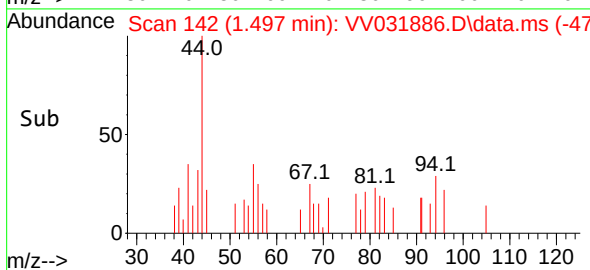
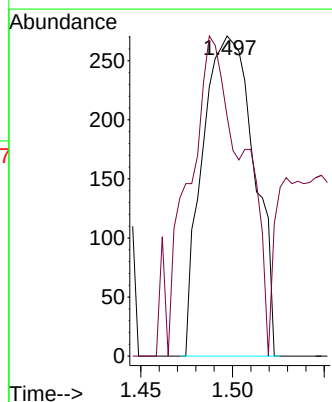
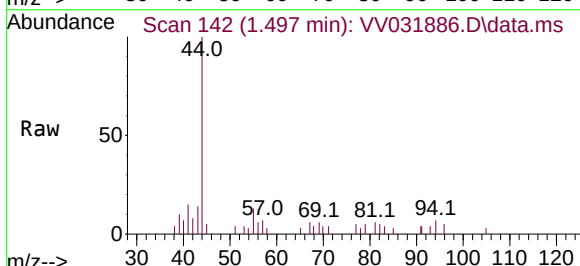
Acq: 23 Aug 2023 23:57

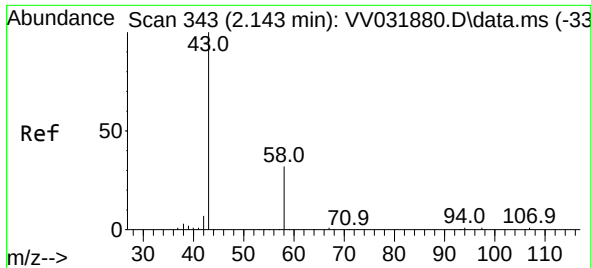
Tgt Ion: 94 Resp: 532

Ion Ratio Lower Upper

94 100

96 74.9 65.0 120.8





#13

Acetone

Concen: 2.020 ug/L

RT: 2.143 min Scan# 343

Delta R.T. 0.000 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

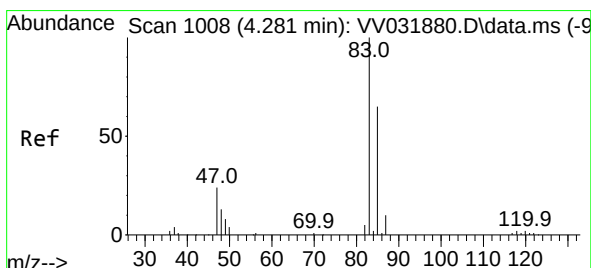
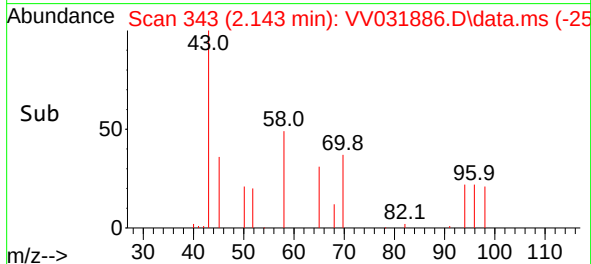
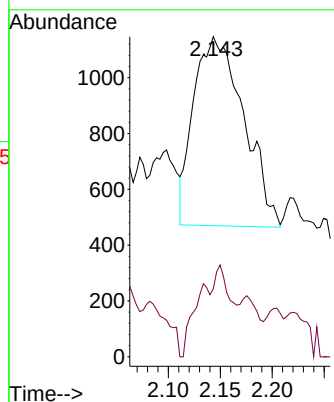
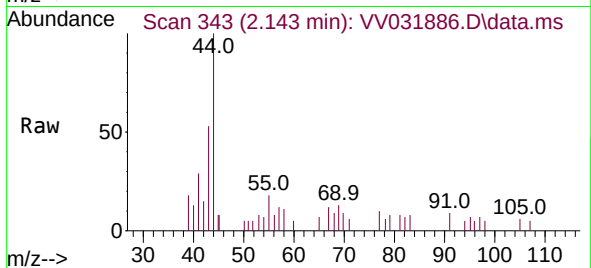
ClientSampleId :

Tgt Ion: 43 Resp: 2270

Ion Ratio Lower Upper

43 100

58 16.8 0.0 37.0



#25

Chloroform

Concen: 0.495 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031886.D

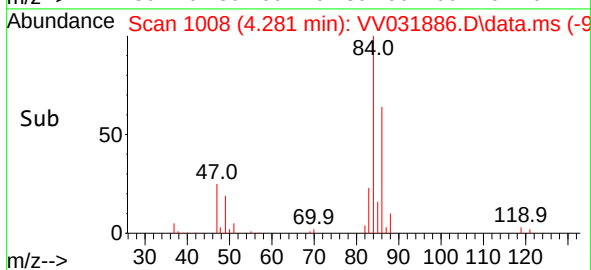
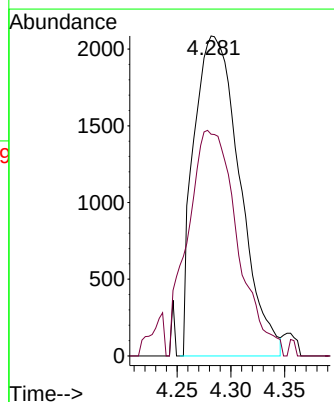
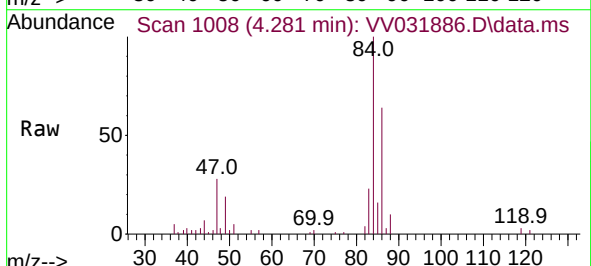
Acq: 23 Aug 2023 23:57

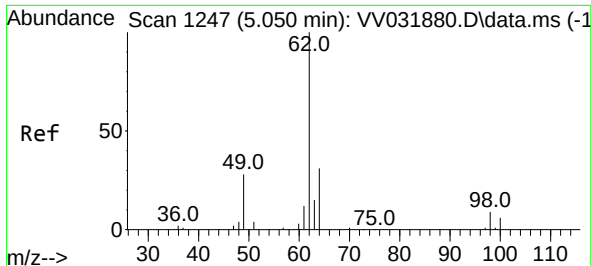
Tgt Ion: 83 Resp: 6185

Ion Ratio Lower Upper

83 100

85 69.3 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 4.970 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

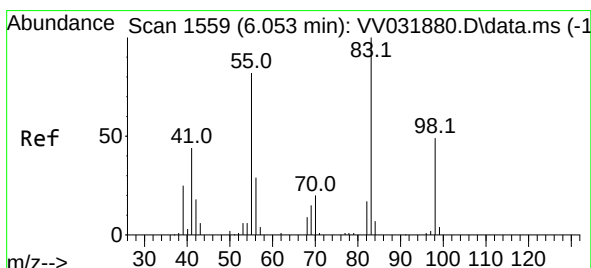
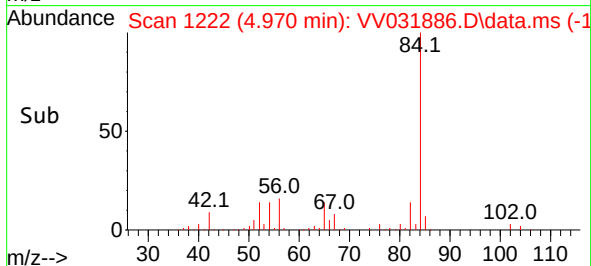
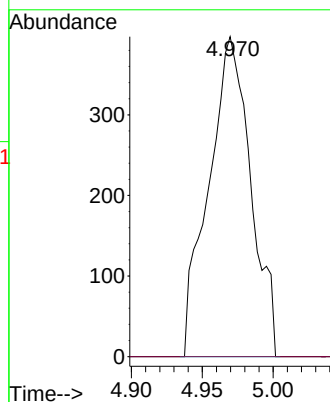
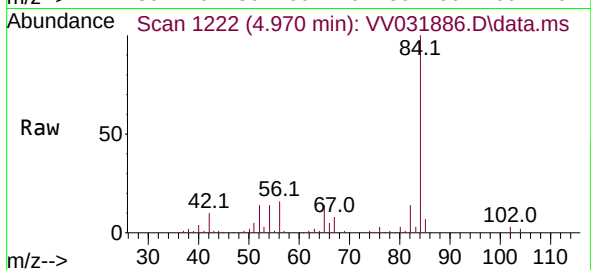
ClientSampleId :

Tgt Ion: 62 Resp: 822

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#35

Methylcyclohexane

Concen: 0.974 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

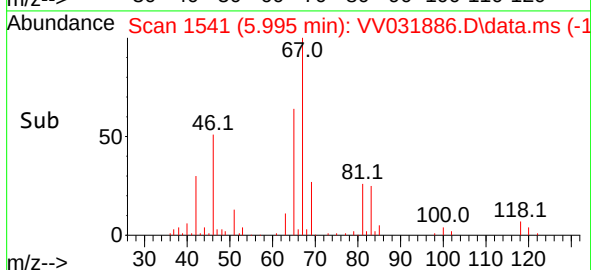
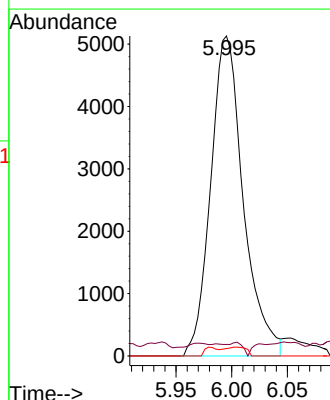
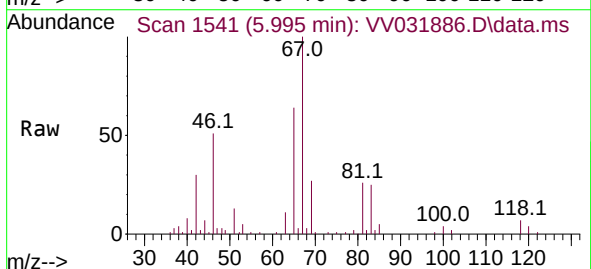
Tgt Ion: 83 Resp: 10441

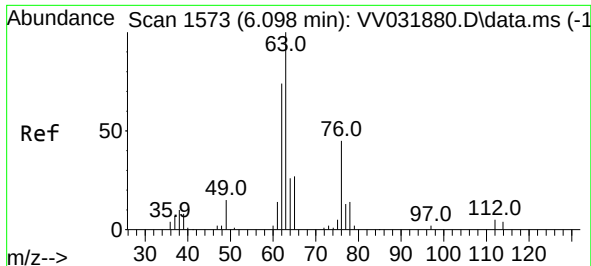
Ion Ratio Lower Upper

83 100

55 1.7 62.6 94.0#

98 1.9 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

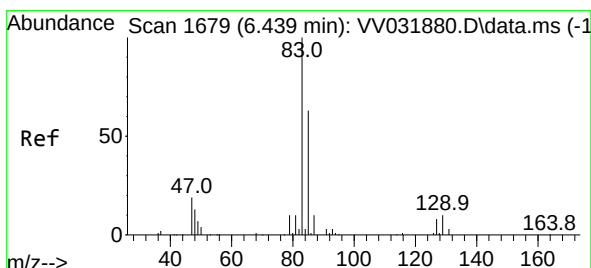
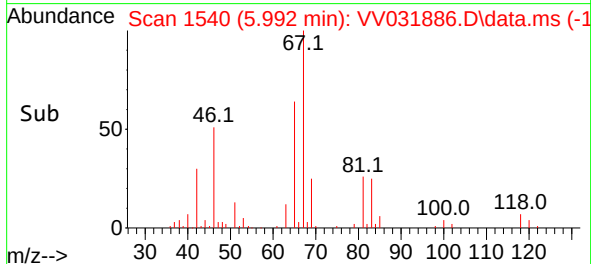
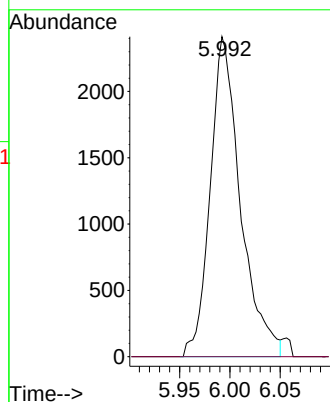
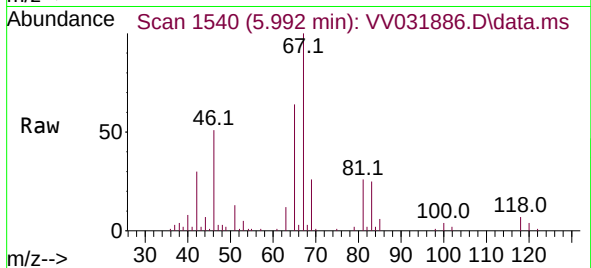
ClientSampleId :

Tgt Ion: 63 Resp: 5046

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 1.349 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

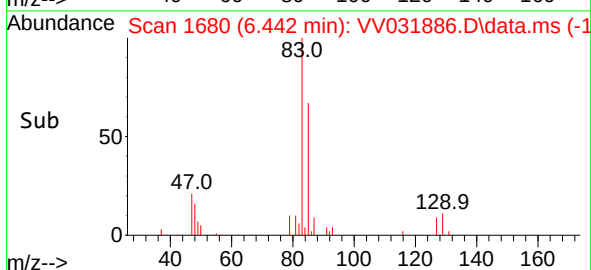
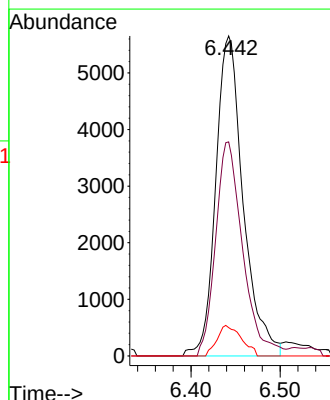
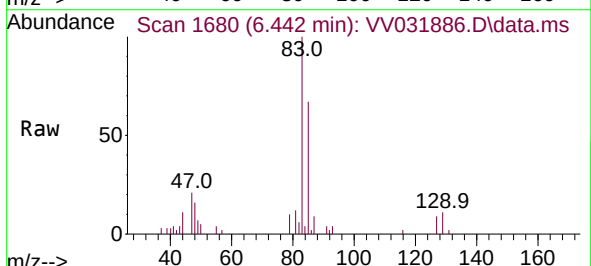
Tgt Ion: 83 Resp: 12120

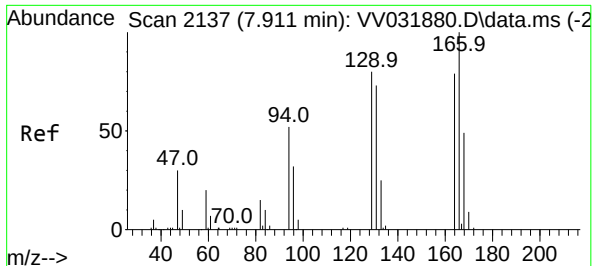
Ion Ratio Lower Upper

83 100

85 66.9 44.4 82.4

127 8.8 6.2 9.4





#47

Tetrachloroethene

Concen: 0.144 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

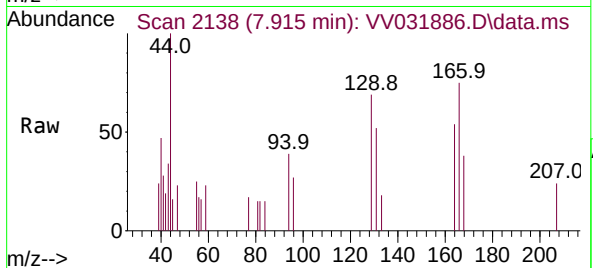
Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 677

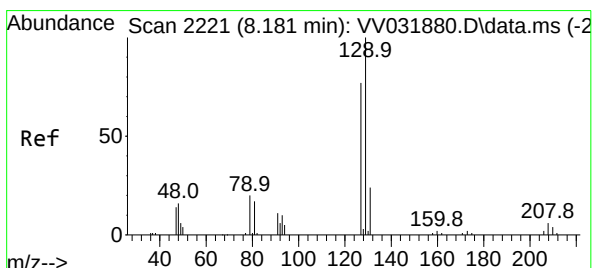
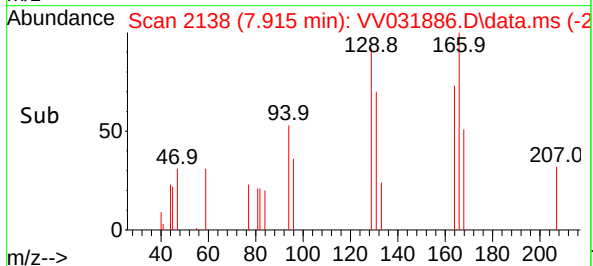
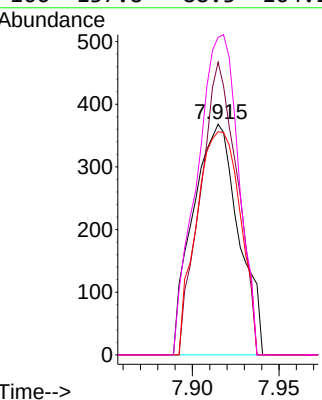
Ion Ratio Lower Upper

164 100

129 126.9 70.6 131.2

131 96.7 64.6 120.0

166 137.8 88.3 164.1



#49

Dibromochloromethane

Concen: 2.842 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV031886.D

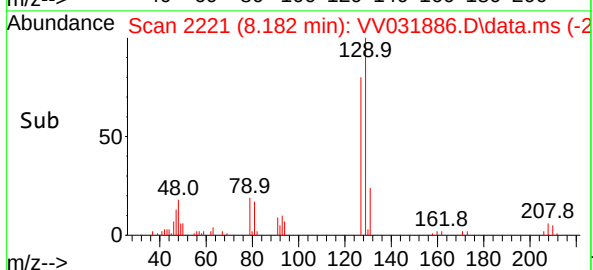
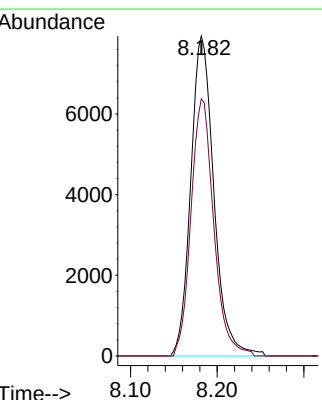
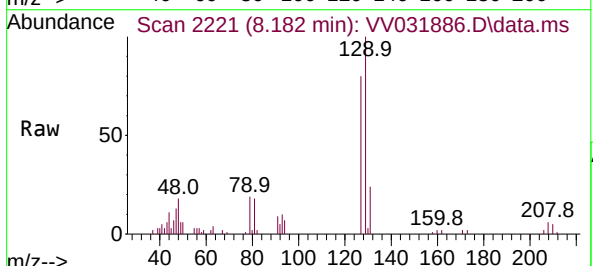
Acq: 23 Aug 2023 23:57

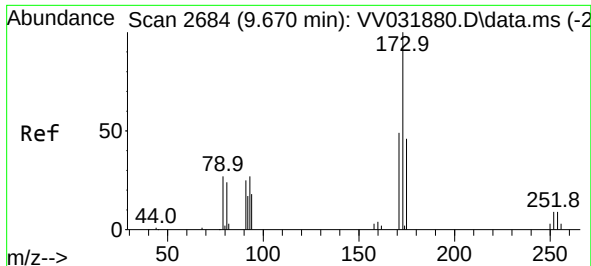
Tgt Ion:129 Resp: 14716

Ion Ratio Lower Upper

129 100

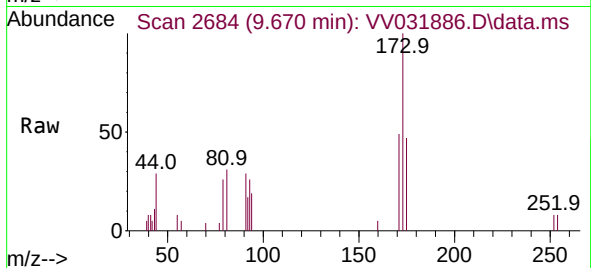
127 80.3 53.7 99.7



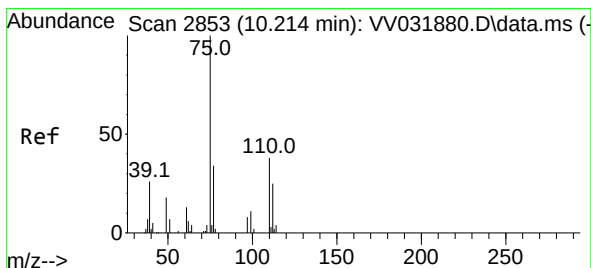
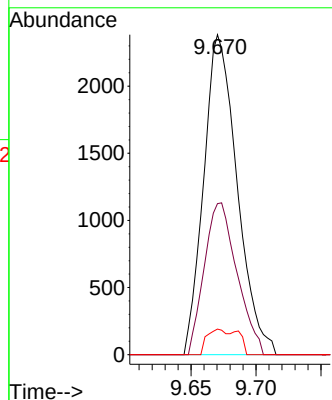
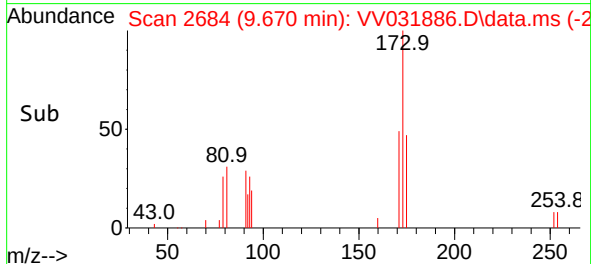


#59
Bromoform
Concen: 1.613 ug/L
RT: 9.670 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV031886.D
Acq: 23 Aug 2023 23:57

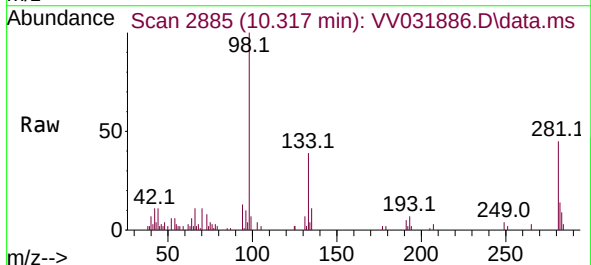
Instrument :
MSVOA_V
ClientSampleId :



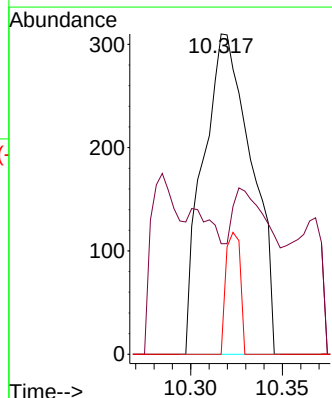
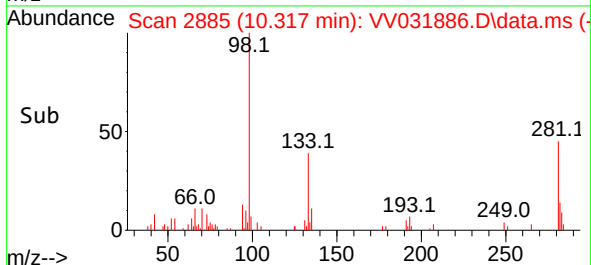
Tgt Ion:173 Resp: 4260
Ion Ratio Lower Upper
173 100
175 46.4 38.0 57.0
254 5.2 6.8 10.2#

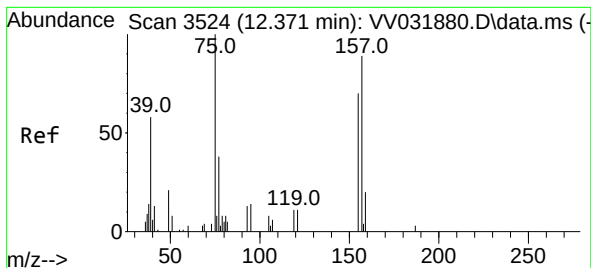


#61
1,2,3-Trichloropropane
Concen: 0.139 ug/L
RT: 10.317 min Scan# 2885
Delta R.T. 0.103 min
Lab File: VV031886.D
Acq: 23 Aug 2023 23:57



Tgt Ion: 75 Resp: 571
Ion Ratio Lower Upper
75 100
77 34.7 28.8 43.2
110 11.2 30.2 45.2#

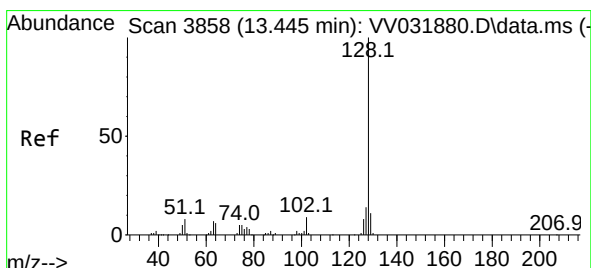
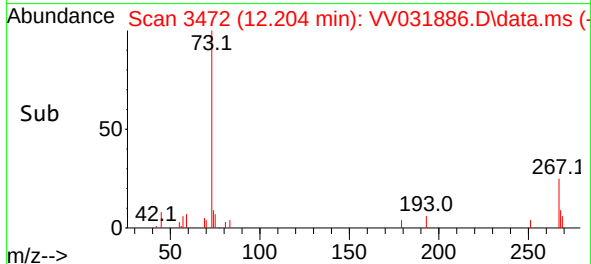
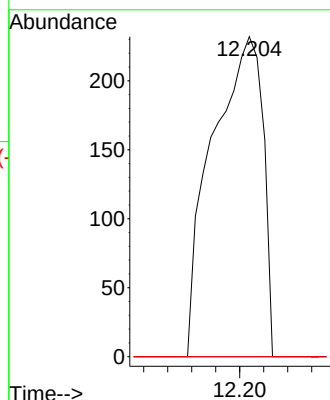
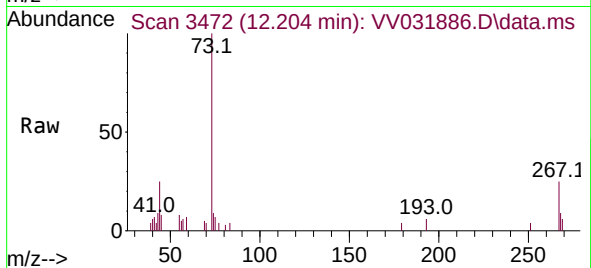




#68
1,2-Dibromo-3-chloropropane
Concen: 0.364 ug/L
RT: 12.204 min Scan# 34
Delta R.T. -0.167 min
Lab File: VV031886.D
Acq: 23 Aug 2023 23:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 339
Ion Ratio Lower Upper
75 100
155 0.0 56.1 84.1#
157 0.0 71.1 106.7#



#71
Naphthalene
Concen: 0.069 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.010 min
Lab File: VV031886.D
Acq: 23 Aug 2023 23:57

Tgt Ion: 128 Resp: 1218
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 3.4 10.8 16.2#

