

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031911.D
 Acq On : 24 Aug 2023 15:59
 Operator : SY/MD
 Sample : 04158-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:59:02 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)

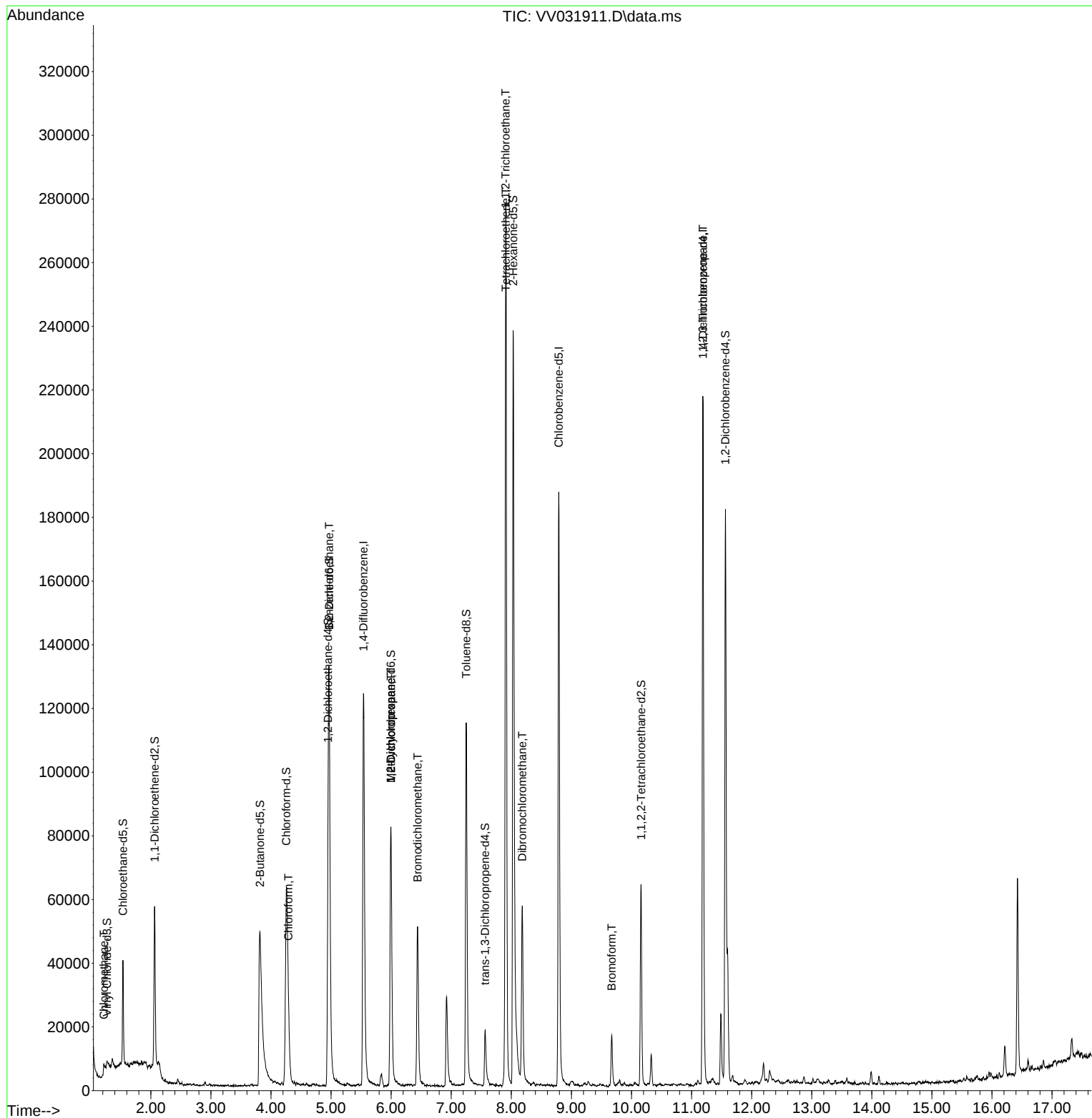
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	108611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	101520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	53531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	19	0.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.536	69	20780	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.063	65	8955	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.815	46	112613	63.418	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.840%
24) Chloroform-d	4.256	84	60442	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.950	65	32875	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.966	84	120159	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.995	67	42222	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.249	98	78001	3.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	7.564	79	11841	3.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.030	63	91111	57.528	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32324	5.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	43994	5.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
3) Chloromethane	1.217	50	1335	0.201	ug/L	92
25) Chloroform	4.288	83	21196	1.822	ug/L	98
27) 1,2-Dichloroethane	4.966	62	693	0.100	ug/L #	75
35) Methylcyclohexane	5.995	83	9669	0.972	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	4663	0.724	ug/L #	87
38) Bromodichloromethane	6.439	83	36555	4.384	ug/L	99
45) 1,1,2-Trichloroethane	7.905	97	704	0.153	ug/L #	18
47) Tetrachloroethene	7.908	164	59934	13.727	ug/L	98
49) Dibromochloromethane	8.182	129	28608	5.953	ug/L	99
59) Bromoform	9.670	173	6915	2.734	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	7295	1.850	ug/L #	64

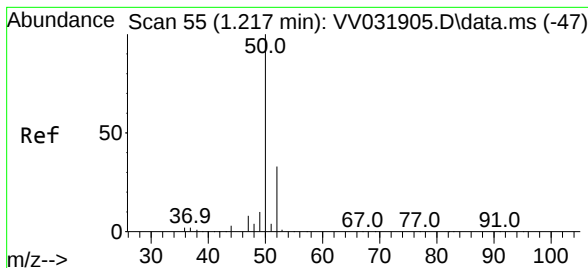
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.201 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV031911.D

Acq: 24 Aug 2023 15:59

Instrument :

MSVOA_V

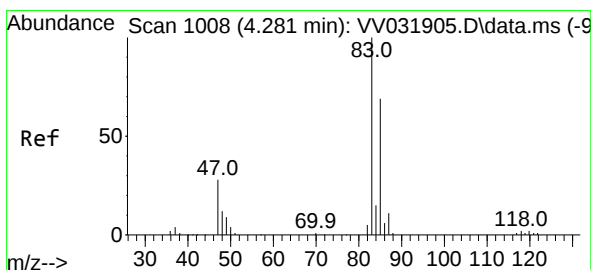
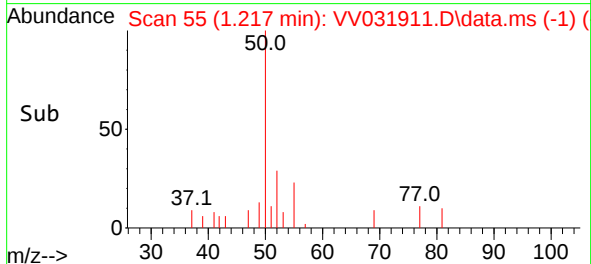
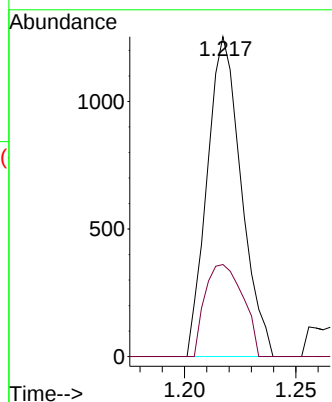
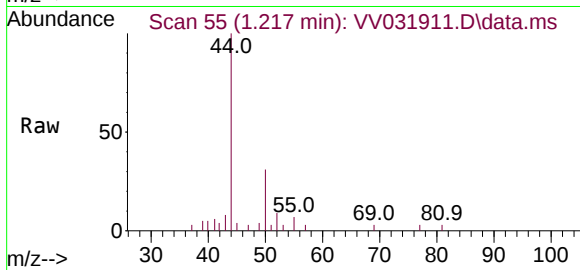
ClientSampleId :

Tgt Ion: 50 Resp: 1335

Ion Ratio Lower Upper

50 100

52 28.8 23.3 43.3



#25

Chloroform

Concen: 1.822 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VV031911.D

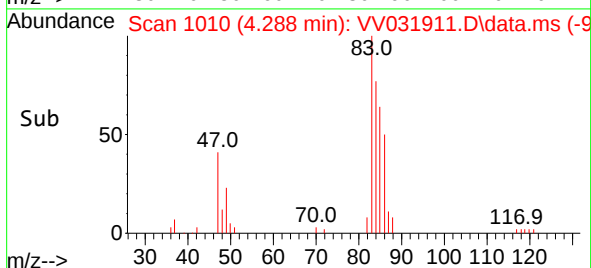
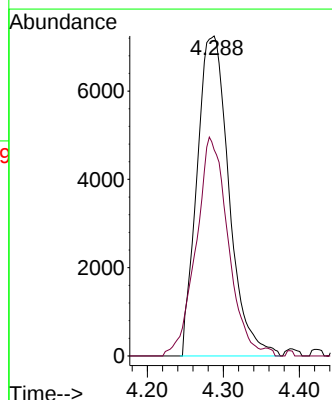
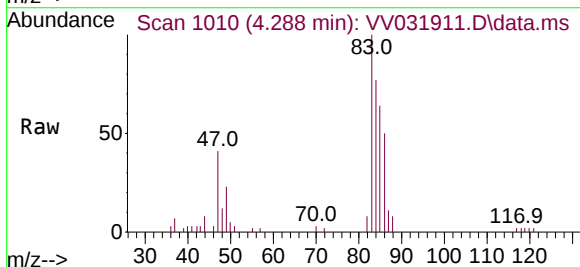
Acq: 24 Aug 2023 15:59

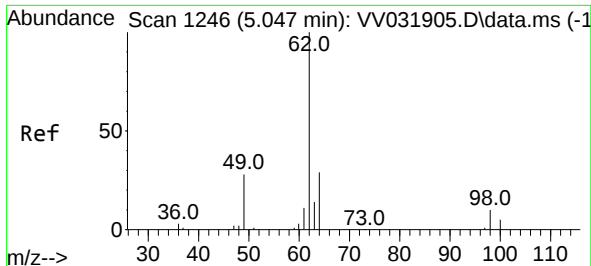
Tgt Ion: 83 Resp: 21196

Ion Ratio Lower Upper

83 100

85 64.4 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 4.966 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV031911.D

Acq: 24 Aug 2023 15:59

Instrument :

MSVOA_V

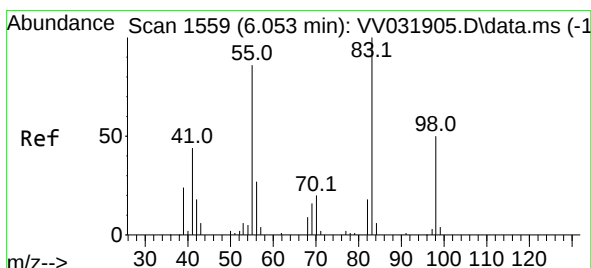
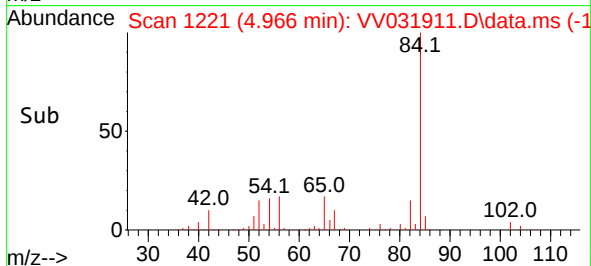
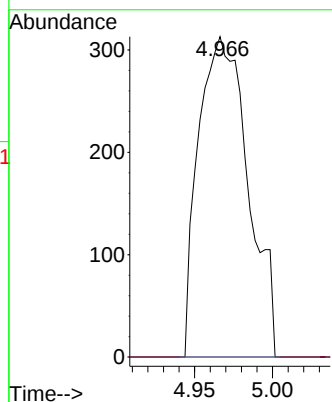
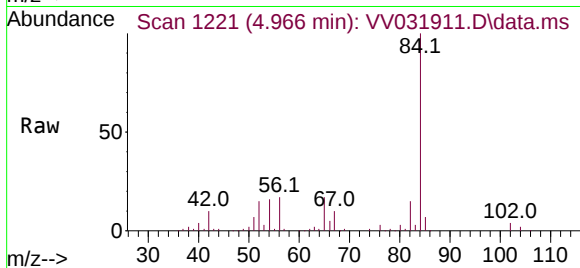
ClientSampleId :

Tgt Ion: 62 Resp: 693

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#35

Methylcyclohexane

Concen: 0.972 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031911.D

Acq: 24 Aug 2023 15:59

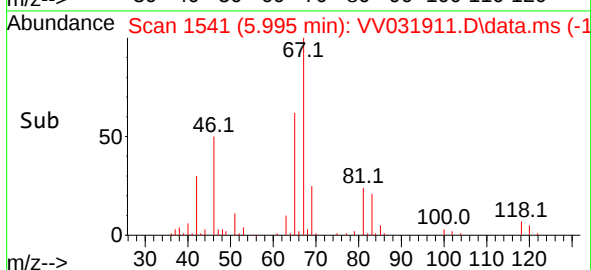
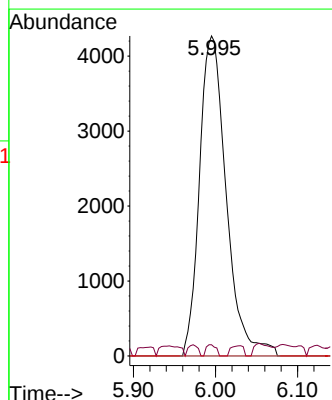
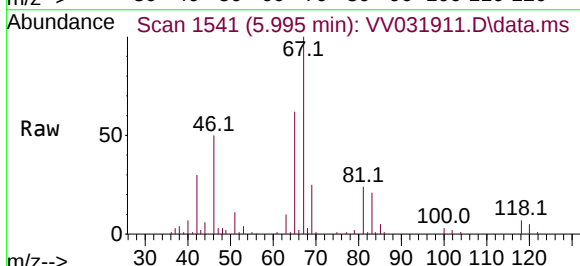
Tgt Ion: 83 Resp: 9669

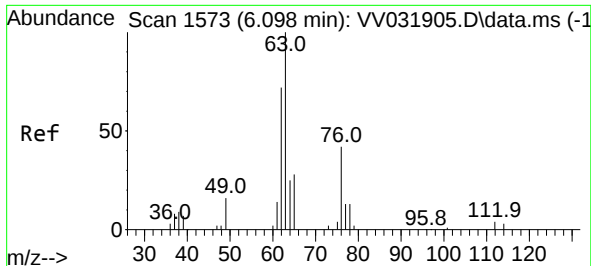
Ion Ratio Lower Upper

83 100

55 1.3 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: VV031911.D

Acq: 24 Aug 2023 15:59

Instrument :

MSVOA_V

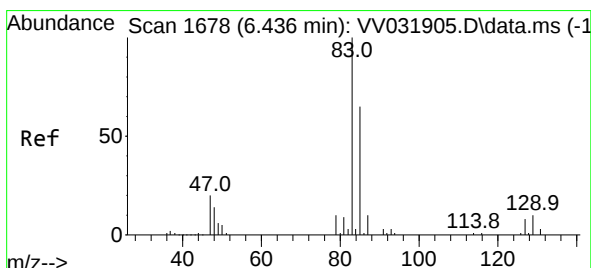
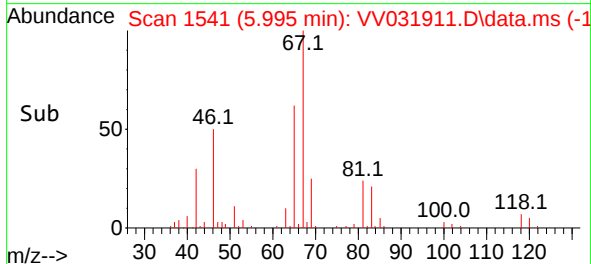
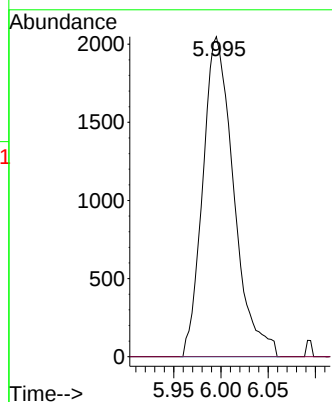
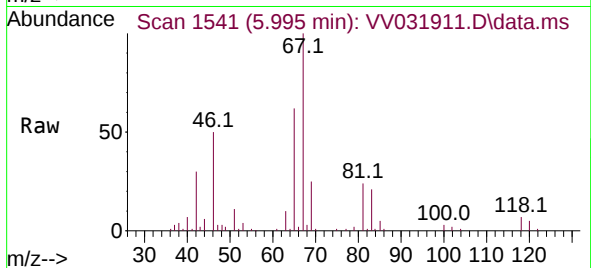
ClientSampleId :

Tgt Ion: 63 Resp: 4663

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 4.384 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031911.D

Acq: 24 Aug 2023 15:59

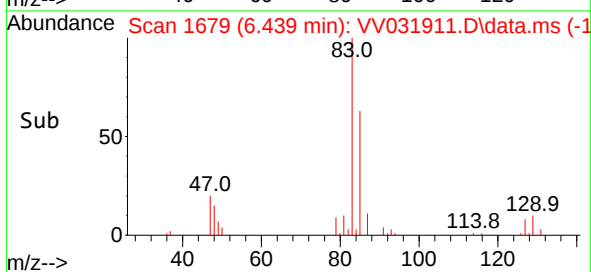
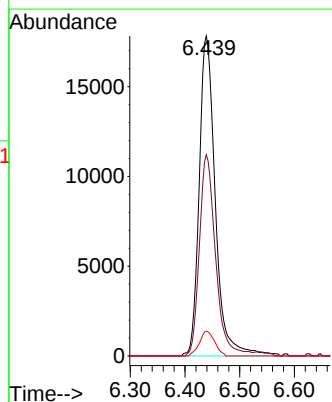
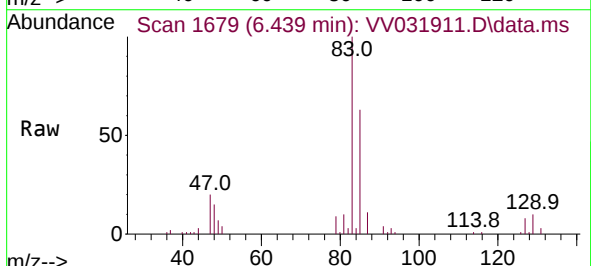
Tgt Ion: 83 Resp: 36555

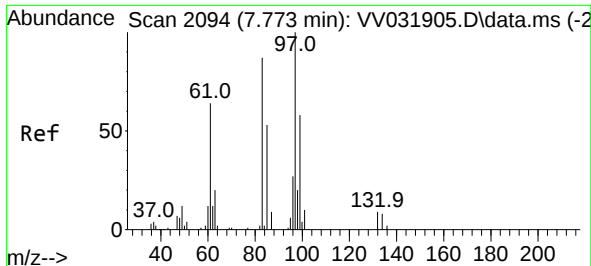
Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.4

127 7.8 6.2 9.4

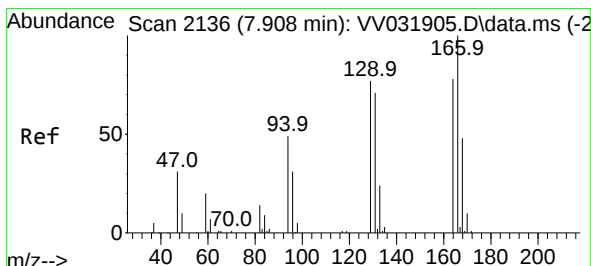
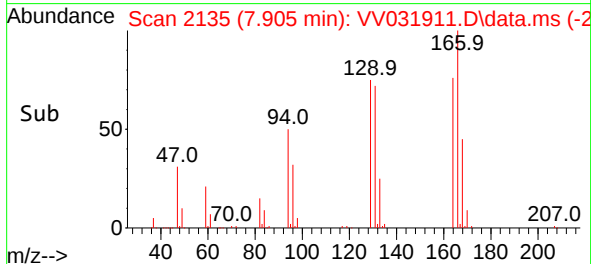
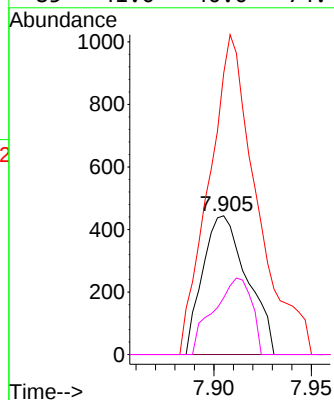
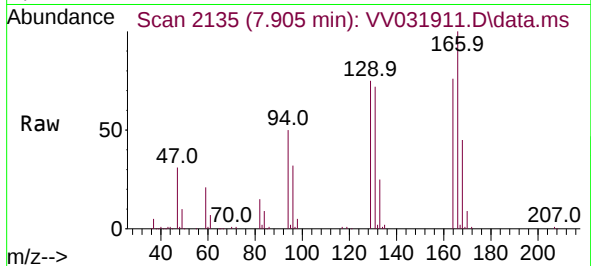




#45
1,1,2-Trichloroethane
Concen: 0.153 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.132 min
Lab File: VV031911.D
Acq: 24 Aug 2023 15:59

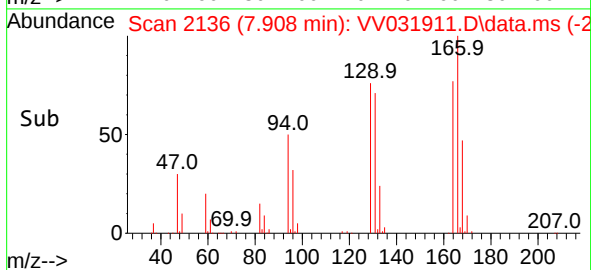
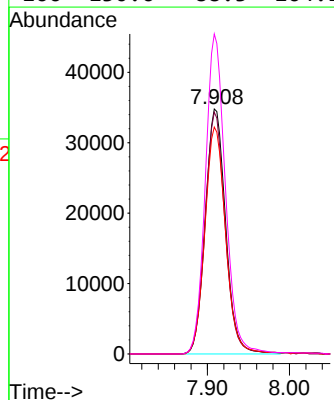
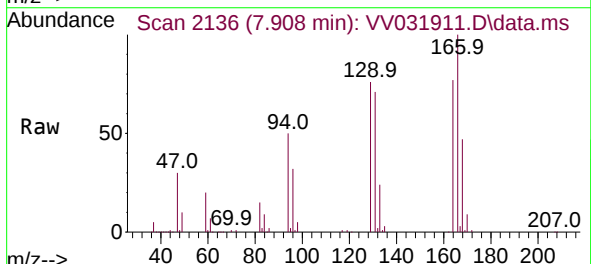
Instrument :
MSVOA_V
ClientSampleId :

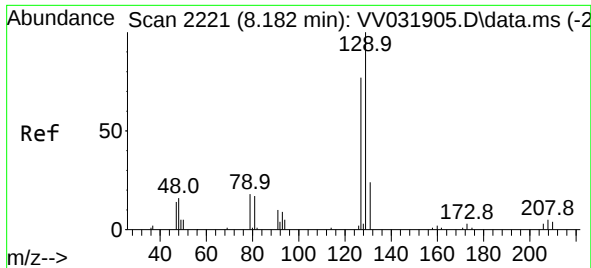
Tgt Ion:	97	Resp:	704
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.3	82.3#
83	202.7	62.7	116.5#
85	41.0	40.0	74.4



#47
Tetrachloroethene
Concen: 13.727 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031911.D
Acq: 24 Aug 2023 15:59

Tgt Ion:	164	Resp:	59934
Ion	Ratio	Lower	Upper
164	100		
129	98.7	70.6	131.2
131	92.6	64.6	120.0
166	130.6	88.3	164.1

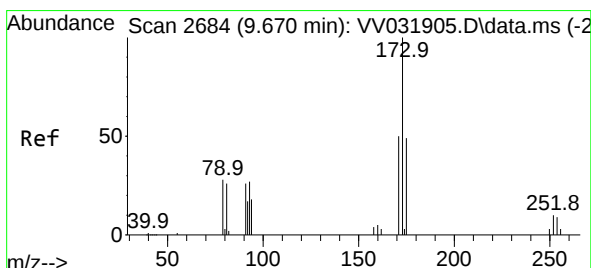
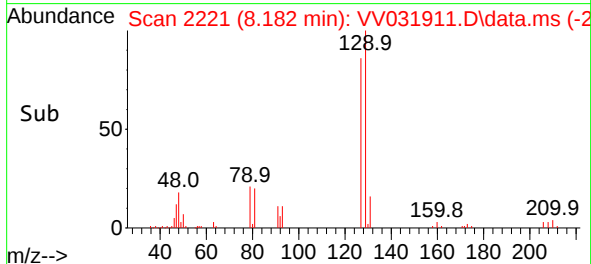
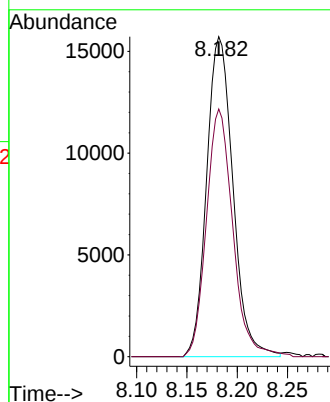
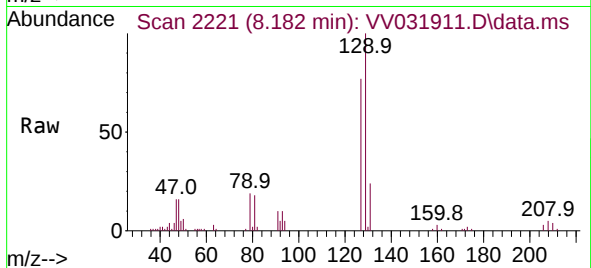




#49
Dibromochloromethane
Concen: 5.953 ug/L
RT: 8.182 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV031911.D
Acq: 24 Aug 2023 15:59

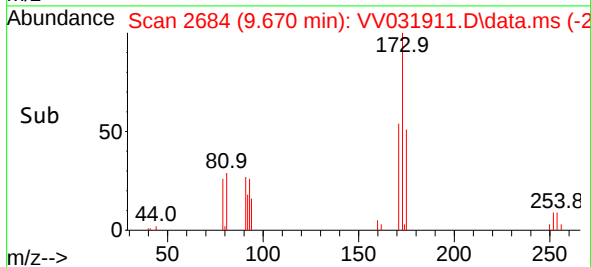
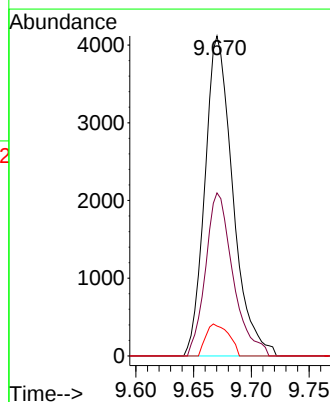
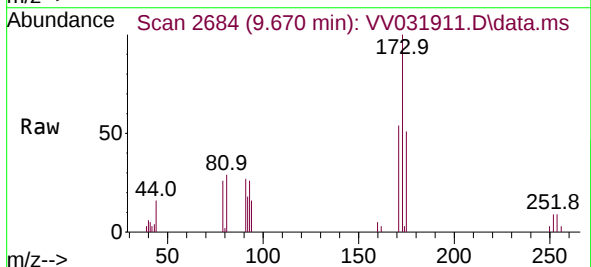
Instrument :
MSVOA_V
ClientSampleId :

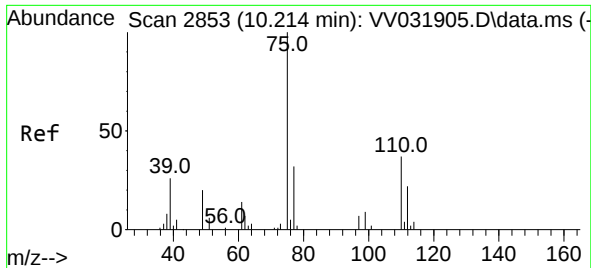
Tgt Ion:129 Resp: 28608
Ion Ratio Lower Upper
129 100
127 77.4 53.7 99.7



#59
Bromoform
Concen: 2.734 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031911.D
Acq: 24 Aug 2023 15:59

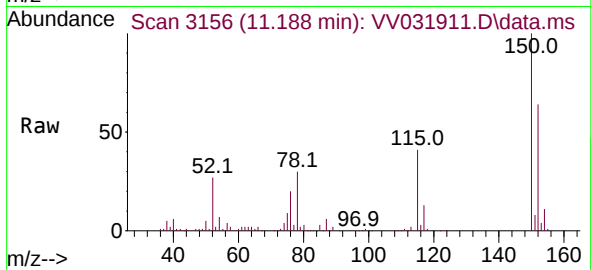
Tgt Ion:173 Resp: 6915
Ion Ratio Lower Upper
173 100
175 50.1 38.0 57.0
254 8.2 6.8 10.2





#61
 1,2,3-Trichloropropane
 Concen: 1.850 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.974 min
 Lab File: VV031911.D
 Acq: 24 Aug 2023 15:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	7295
Ion Ratio	Lower	Upper
75	100	
77	30.2	28.8 43.2
110	1.6	30.2 45.2#

