

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031917.D
 Acq On : 24 Aug 2023 18:23
 Operator : SY/MD
 Sample : 04158-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 01:00:30 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)

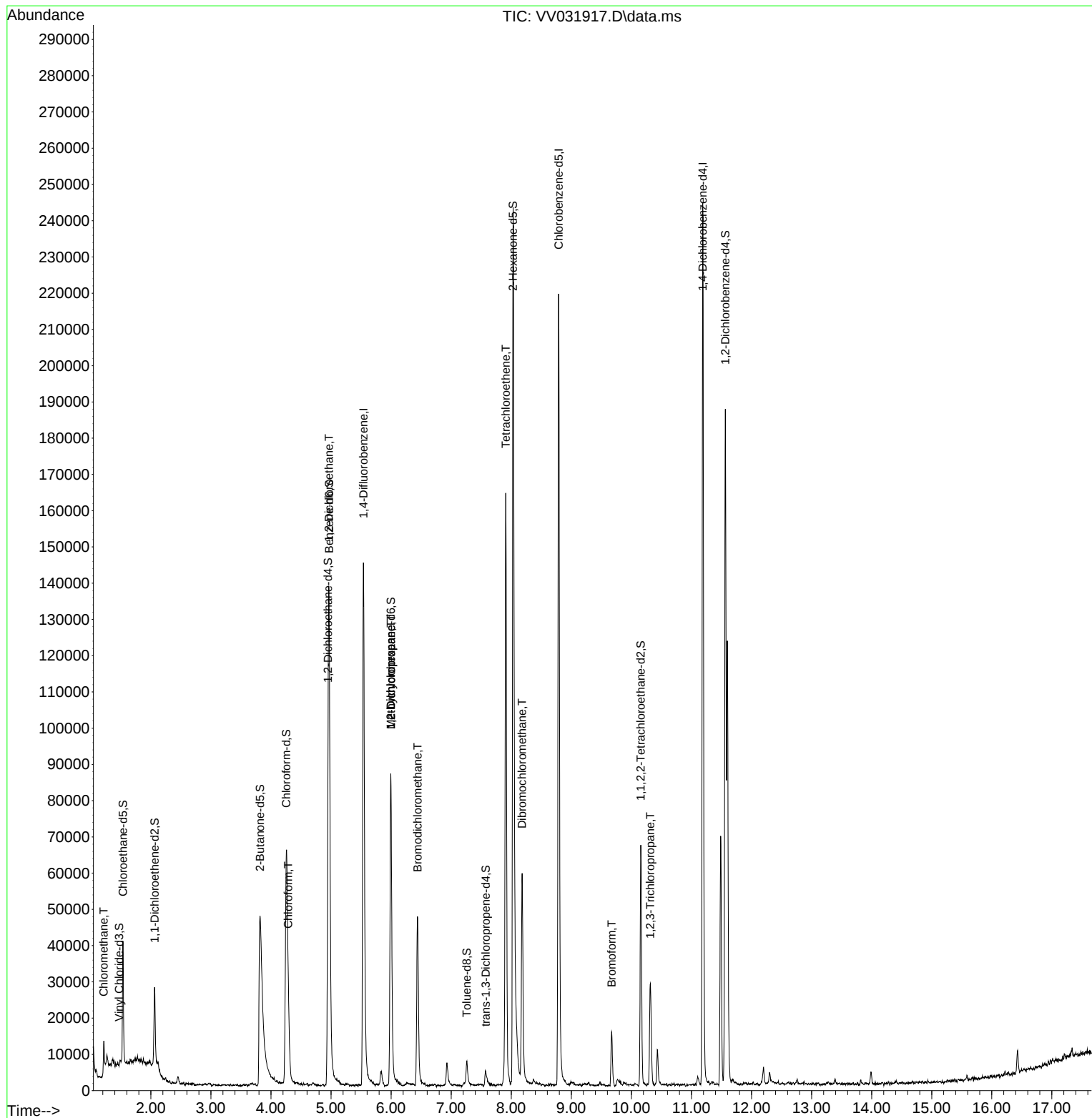
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	127216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	117028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60326	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.471	65	87	0.020	ug/L	0.19
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.536	69	21479	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.063	65	4031	1.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	31.800%#
20) 2-Butanone-d5	3.818	46	118837	57.136	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.280%
24) Chloroform-d	4.256	84	64224	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.950	65	35119	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.966	84	125185	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.995	67	43199	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.259	98	4984	0.202	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	4.000%#
43) trans-1,3-Dichloroprop...	7.574	79	3137	0.916	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	18.400%#
46) 2-Hexanone-d5	8.030	63	94897	51.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34220	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.564	152	45099	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
3) Chloromethane	1.217	50	5633	0.724	ug/L	97
25) Chloroform	4.288	83	19895	1.460	ug/L	98
27) 1,2-Dichloroethane	4.963	62	794	0.097	ug/L #	75
35) Methylcyclohexane	5.995	83	9993	0.871	ug/L #	19
37) 1,2-Dichloropropane	5.995	63	4798	0.646	ug/L #	87
38) Bromodichloromethane	6.439	83	34144	3.552	ug/L	97
47) Tetrachloroethene	7.908	164	35401	7.033	ug/L	97
49) Dibromochloromethane	8.182	129	28645	5.171	ug/L	99
59) Bromoform	9.670	173	6658	2.336	ug/L	98
61) 1,2,3-Trichloropropane	10.317	75	546	0.123	ug/L #	47

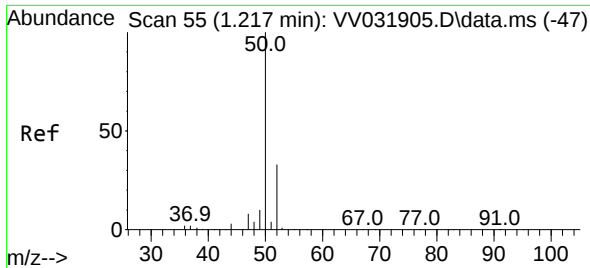
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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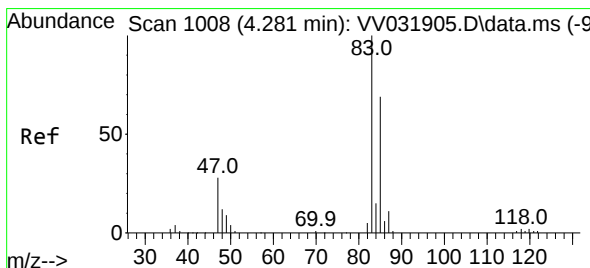
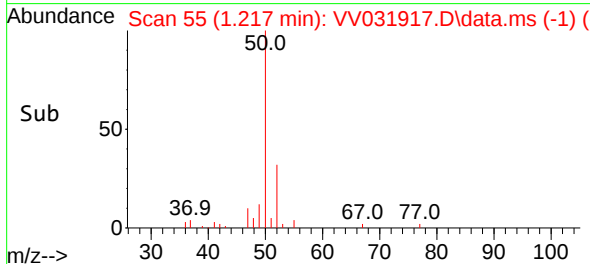
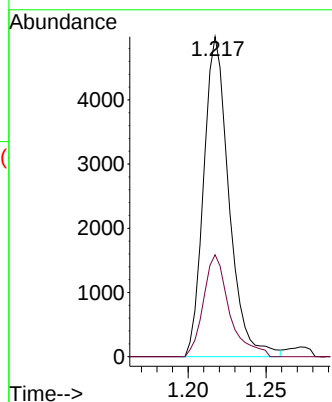
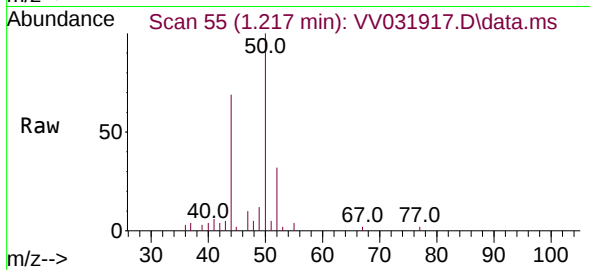




#3
Chloromethane
Concen: 0.724 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

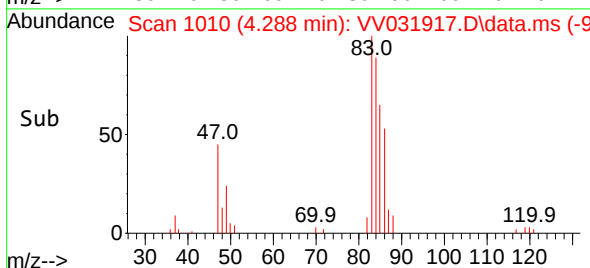
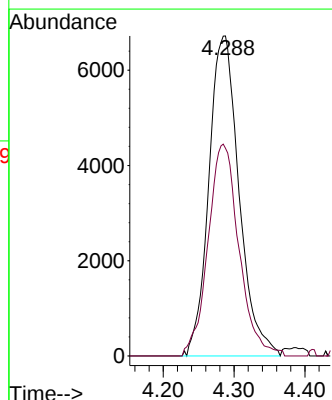
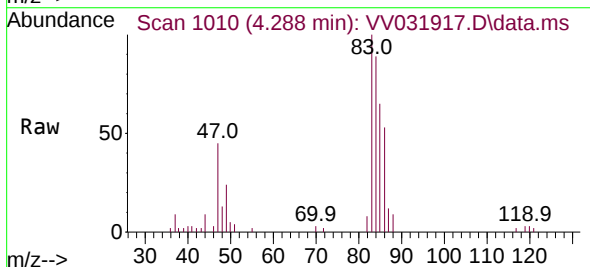
Instrument :
MSVOA_V
ClientSampleId :

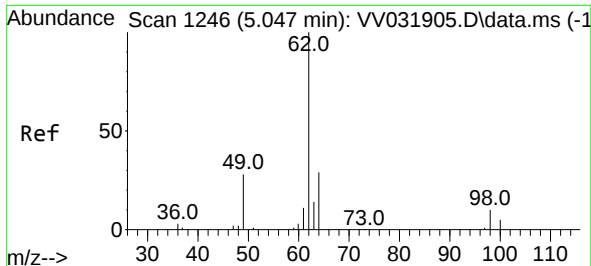
Tgt Ion: 50 Resp: 5633
Ion Ratio Lower Upper
50 100
52 31.8 23.3 43.3



#25
Chloroform
Concen: 1.460 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Tgt Ion: 83 Resp: 19895
Ion Ratio Lower Upper
83 100
85 64.9 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 4.963 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV031917.D

Acq: 24 Aug 2023 18:23

Instrument :

MSVOA_V

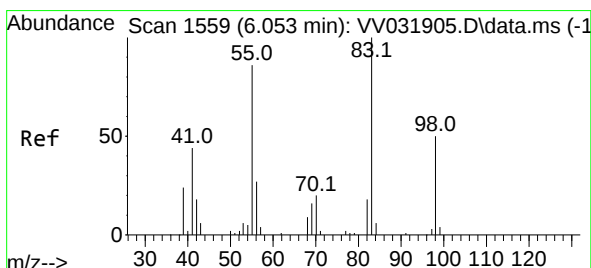
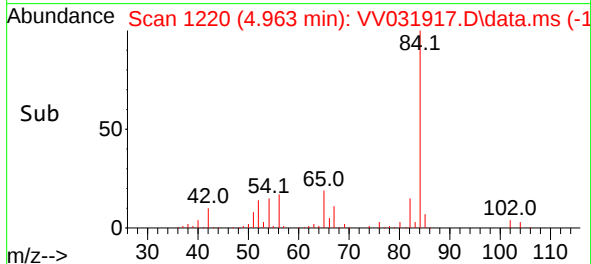
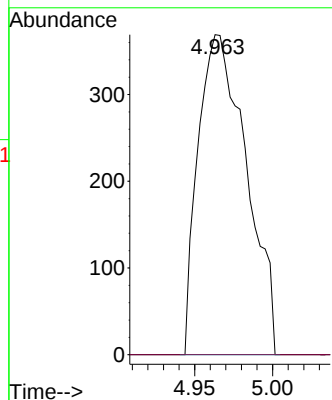
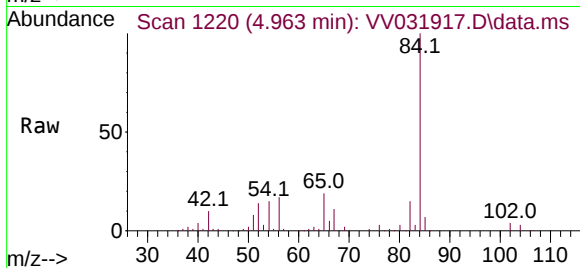
ClientSampleId :

Tgt Ion: 62 Resp: 794

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#35

Methylcyclohexane

Concen: 0.871 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV031917.D

Acq: 24 Aug 2023 18:23

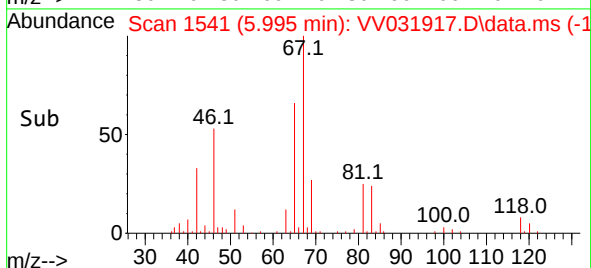
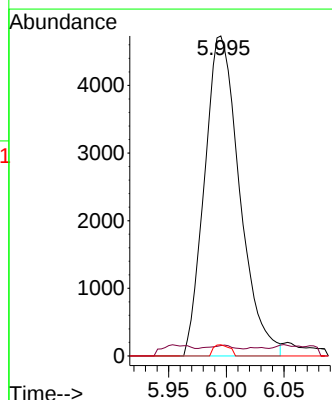
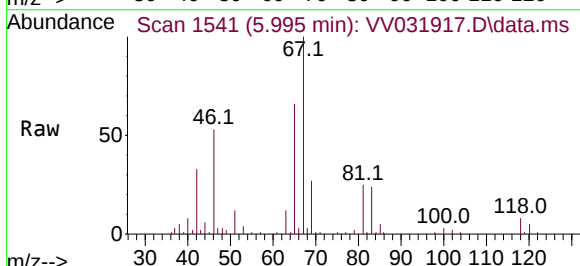
Tgt Ion: 83 Resp: 9993

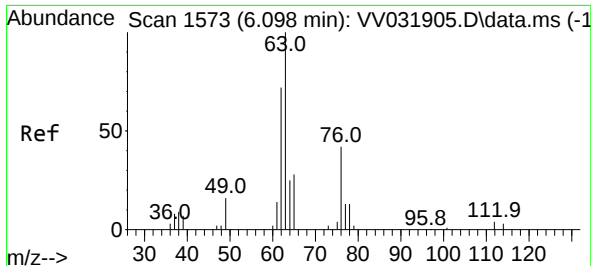
Ion Ratio Lower Upper

83 100

55 1.6 62.6 94.0#

98 1.6 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.646 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV031917.D

Acq: 24 Aug 2023 18:23

Instrument :

MSVOA_V

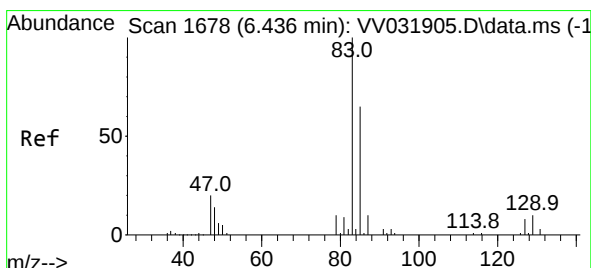
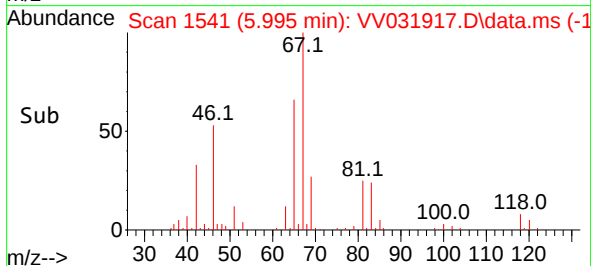
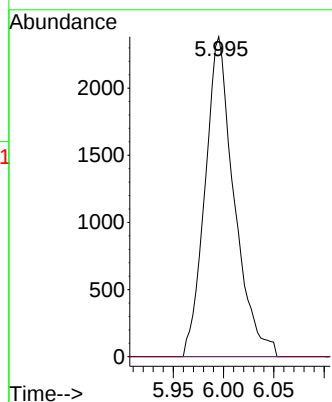
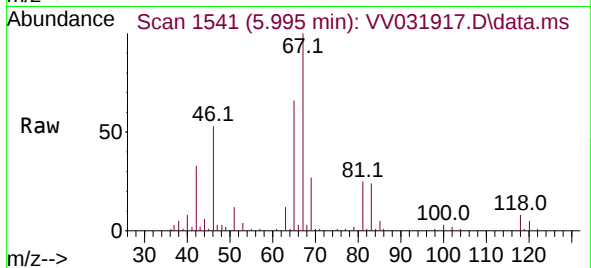
ClientSampleId :

Tgt Ion: 63 Resp: 4798

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 3.552 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV031917.D

Acq: 24 Aug 2023 18:23

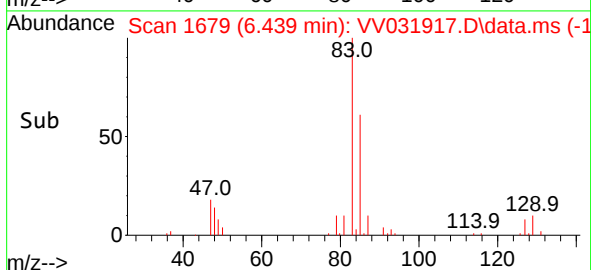
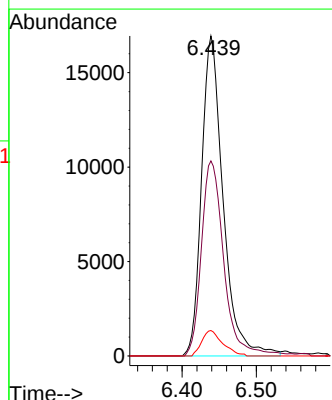
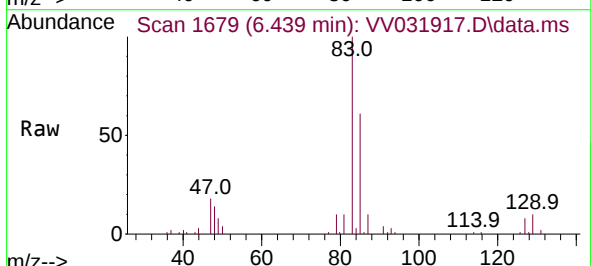
Tgt Ion: 83 Resp: 34144

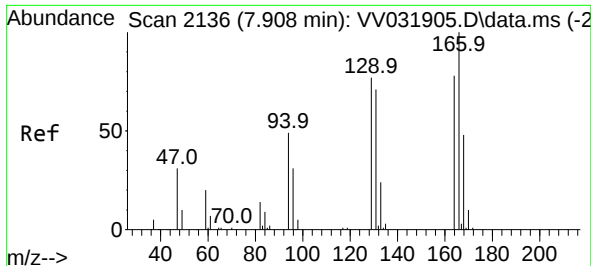
Ion Ratio Lower Upper

83 100

85 60.9 44.4 82.4

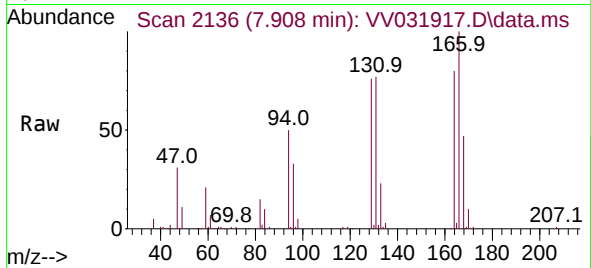
127 7.9 6.2 9.4



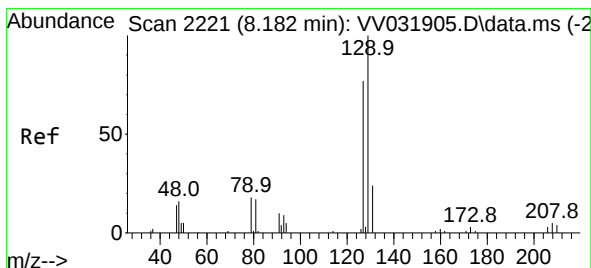
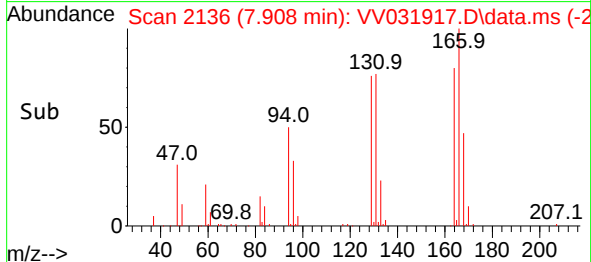
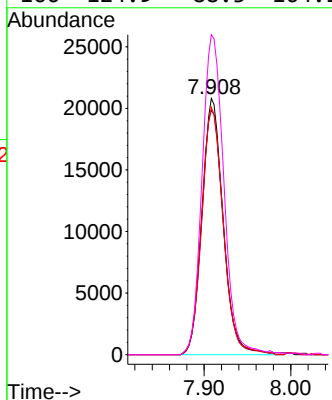


#47
Tetrachloroethene
Concen: 7.033 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Instrument :
MSVOA_V
ClientSampleId :

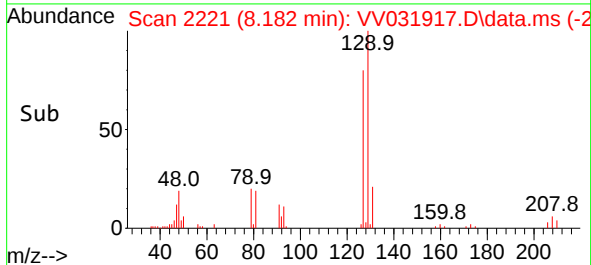
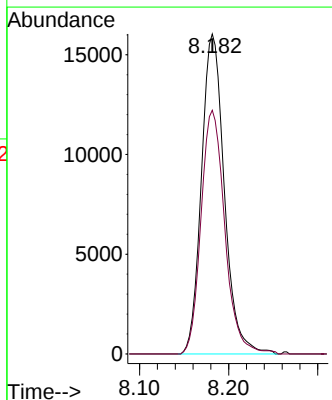
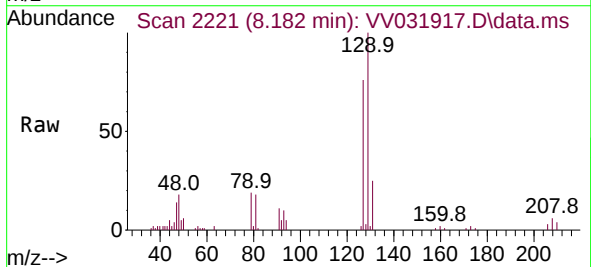


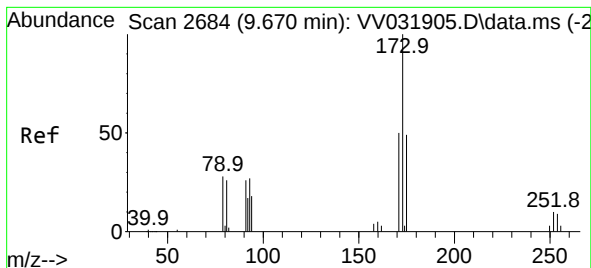
Tgt	Ion:164	Resp:	35401
Ion	Ratio	Lower	Upper
164	100		
129	95.5	70.6	131.2
131	96.6	64.6	120.0
166	124.9	88.3	164.1



#49
Dibromochloromethane
Concen: 5.171 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031917.D
Acq: 24 Aug 2023 18:23

Tgt	Ion:129	Resp:	28645
Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.7	99.7





#59

Bromoform

Concen: 2.336 ug/L

RT: 9.670 min Scan# 2

Delta R.T. -0.000 min

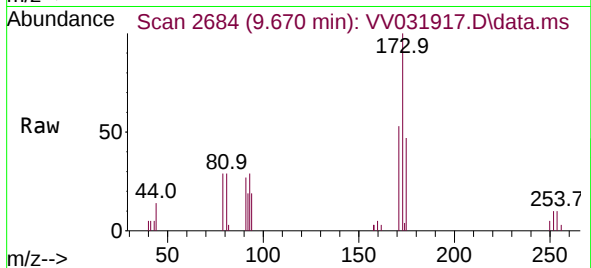
Lab File: VV031917.D

Acq: 24 Aug 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :



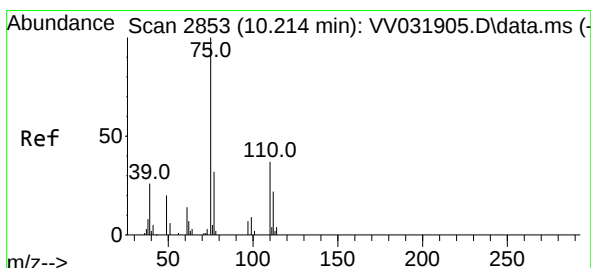
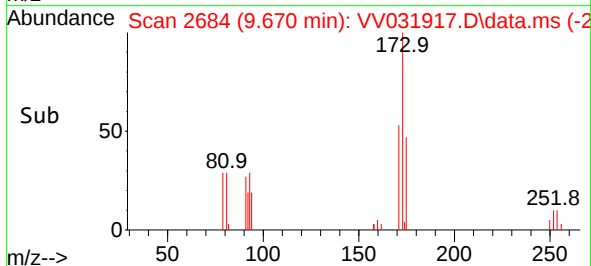
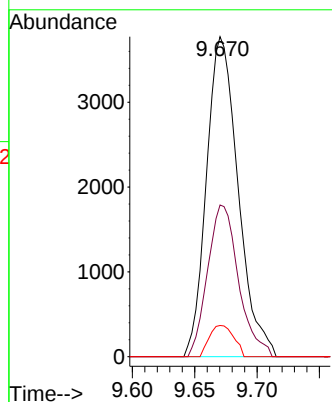
Tgt Ion:173 Resp: 6658

Ion Ratio Lower Upper

173 100

175 46.4 38.0 57.0

254 7.5 6.8 10.2



#61

1,2,3-Trichloropropane

Concen: 0.123 ug/L

RT: 10.317 min Scan# 2885

Delta R.T. 0.103 min

Lab File: VV031917.D

Acq: 24 Aug 2023 18:23

Tgt Ion: 75 Resp: 546

Ion Ratio Lower Upper

75 100

77 61.0 28.8 43.2#

110 0.0 30.2 45.2#

