

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032233.D
 Acq On : 04 Oct 2023 16:39
 Operator : SY/MD
 Sample : 04741-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:42:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

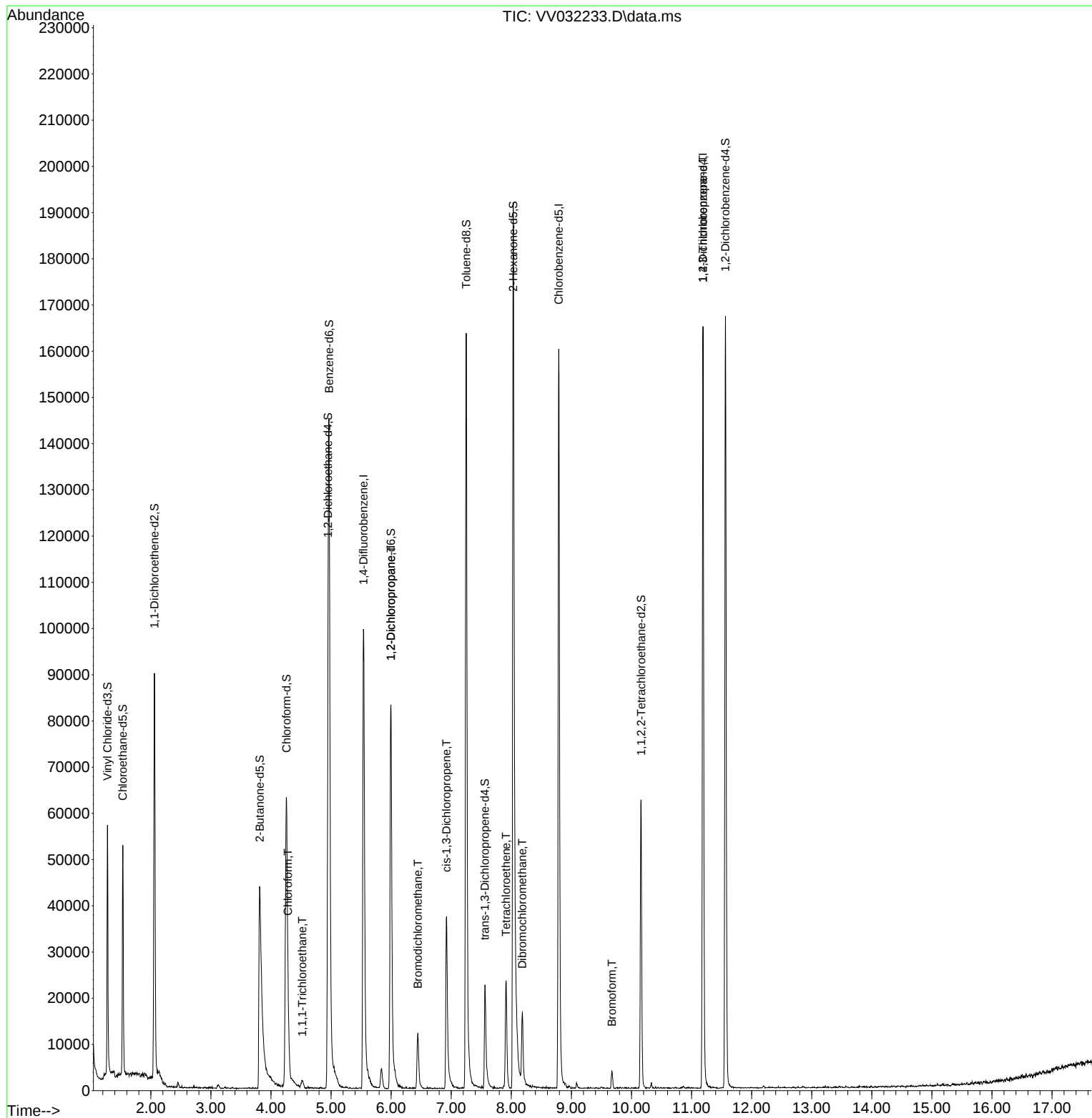
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	90115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	43861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35308	4.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.532	69	31898	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.060	65	14922	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.812	46	98735	51.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	4.256	84	66728	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	4.950	65	33704	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.966	84	133178	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.995	67	45407	5.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.249	98	114746	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.561	79	15161	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.030	63	72330	49.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.760%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31560	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	43622	5.360	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
25) Chloroform	4.281	83	6860	0.474	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	1556	0.127	ug/L #	83
37) 1,2-Dichloropropane	5.995	63	4927	0.581	ug/L #	87
38) Bromodichloromethane	6.442	83	9405	0.933	ug/L	99
39) cis-1,3-Dichloropropene	6.921	75	1003	0.083	ug/L #	56
47) Tetrachloroethene	7.911	164	5875	0.894	ug/L	96
49) Dibromochloromethane	8.182	129	8807	1.413	ug/L	91
59) Bromoform	9.673	173	1792	0.562	ug/L #	96
61) 1,2,3-Trichloropropane	11.191	75	5476	1.173	ug/L #	67

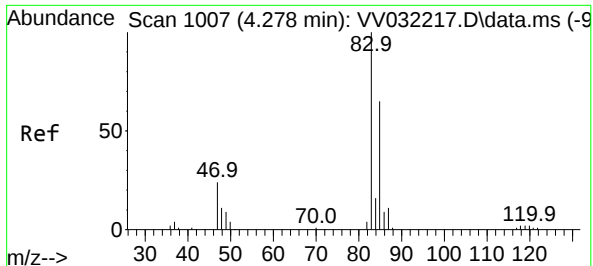
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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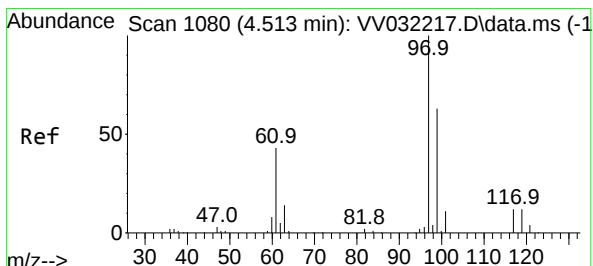
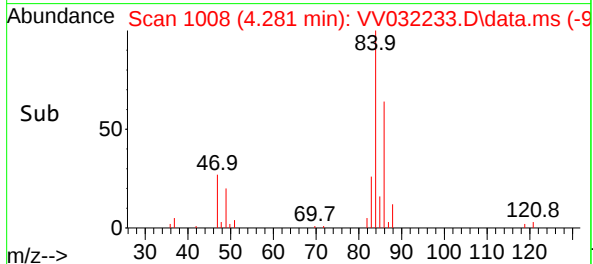
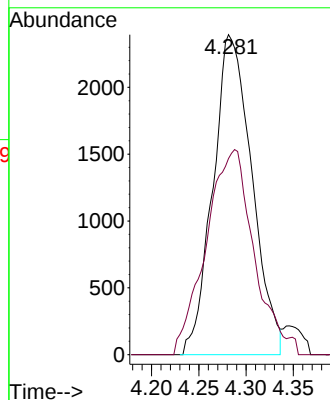
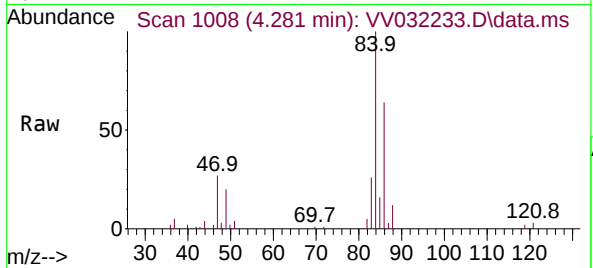




#25
Chloroform
Concen: 0.474 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032233.D
Acq: 04 Oct 2023 16:39

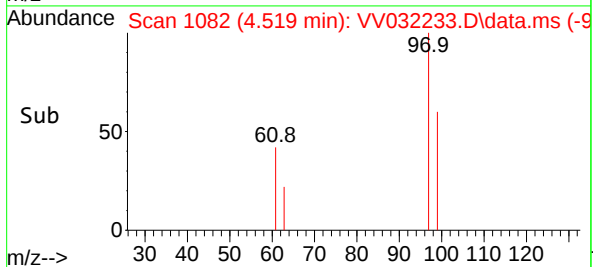
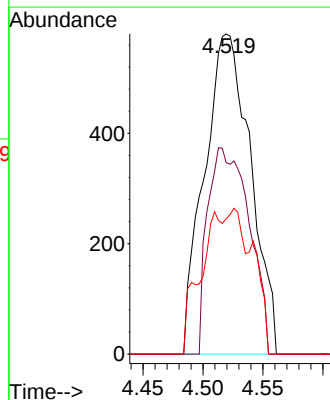
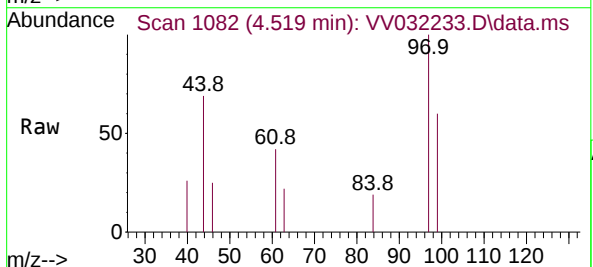
Instrument :
MSVOA_V
ClientSampleId :

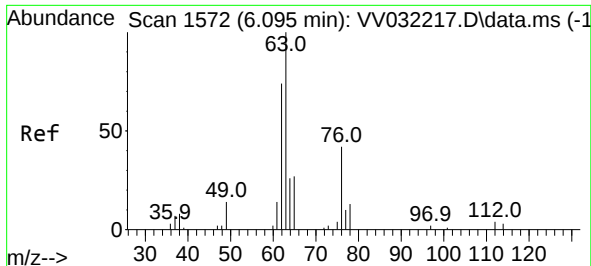
Tgt Ion: 83 Resp: 6860
Ion Ratio Lower Upper
83 100
85 61.3 45.4 84.4



#29
1,1,1-Trichloroethane
Concen: 0.127 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VV032233.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 97 Resp: 1556
Ion Ratio Lower Upper
97 100
99 57.9 50.1 75.1
61 22.3 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_V

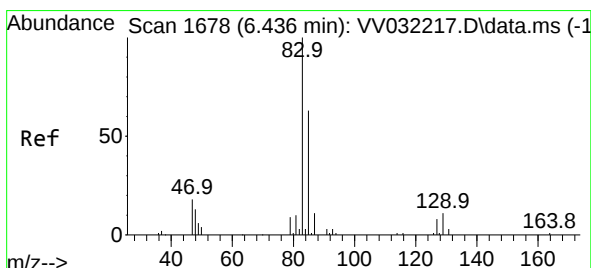
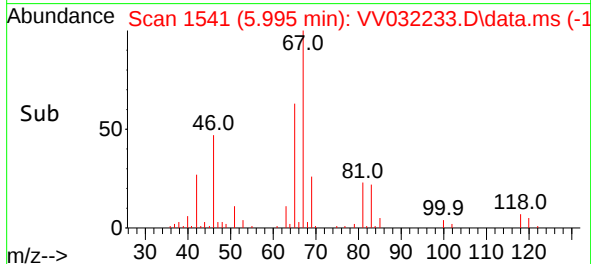
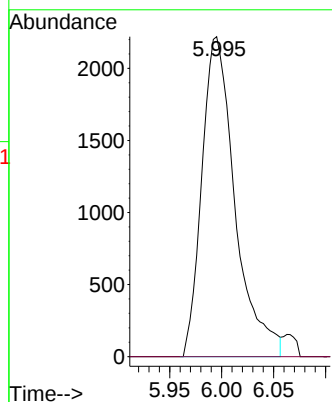
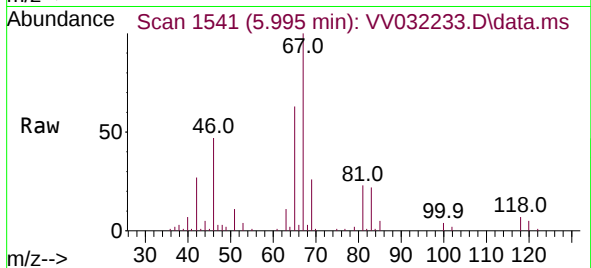
ClientSampleId :

Tgt Ion: 63 Resp: 4927

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.933 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

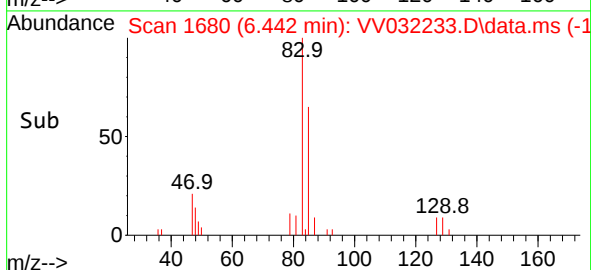
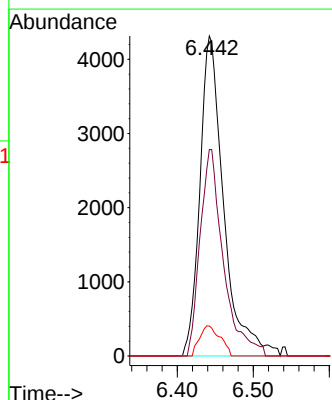
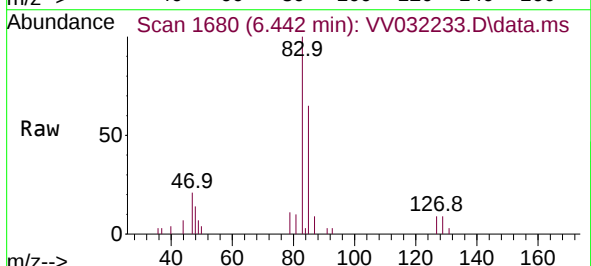
Tgt Ion: 83 Resp: 9405

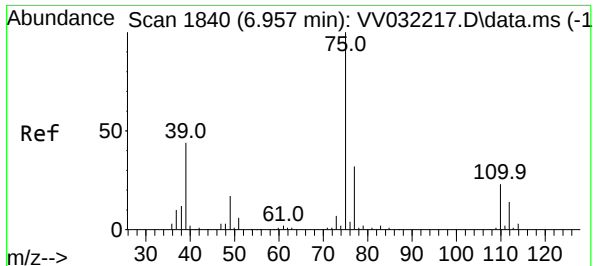
Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.3

127 9.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_V

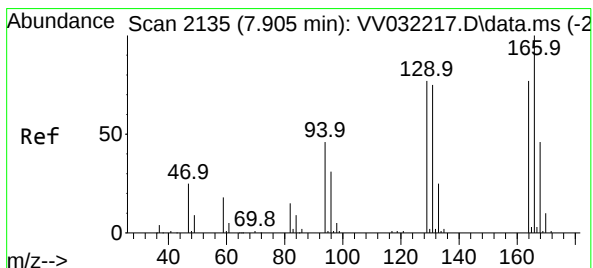
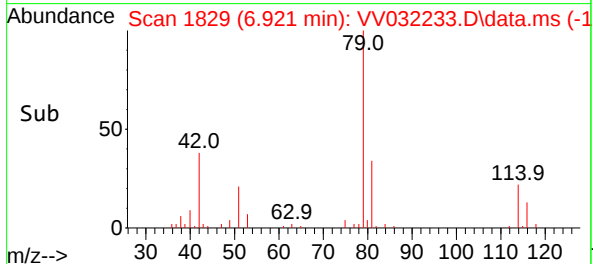
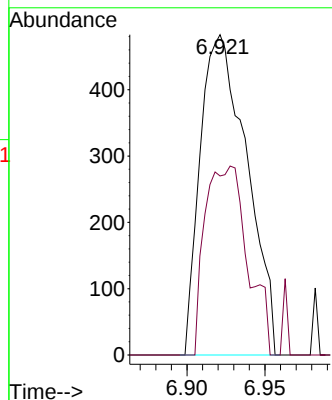
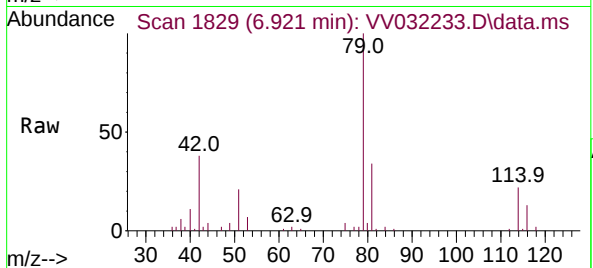
ClientSampleId :

Tgt Ion: 75 Resp: 1003

Ion Ratio Lower Upper

75 100

77 55.9 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.894 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

Tgt Ion:164 Resp: 5875

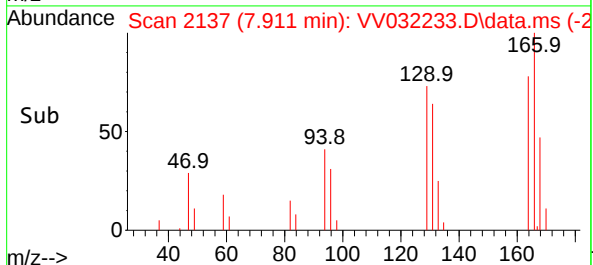
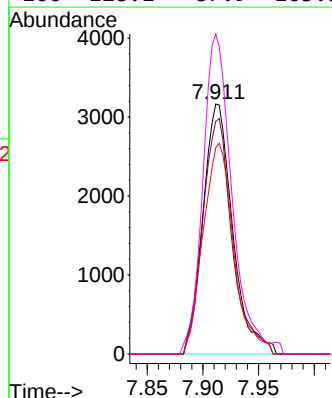
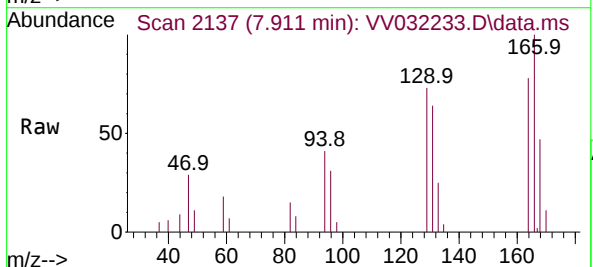
Ion Ratio Lower Upper

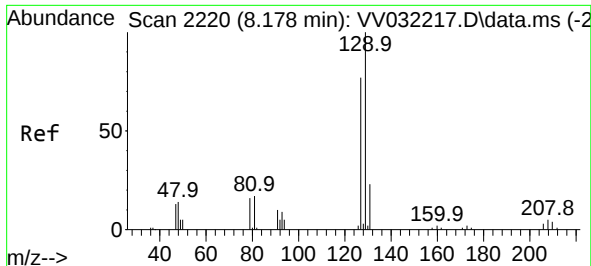
164 100

129 93.0 66.4 123.4

131 82.5 63.7 118.3

166 128.1 87.9 163.3





#49

Dibromochloromethane

Concen: 1.413 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_V

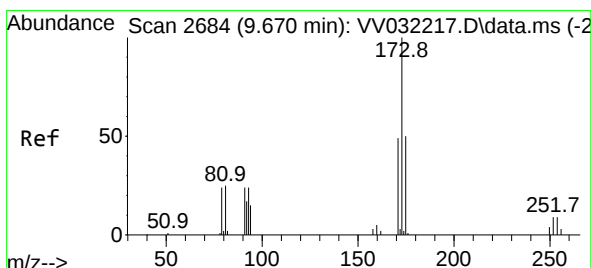
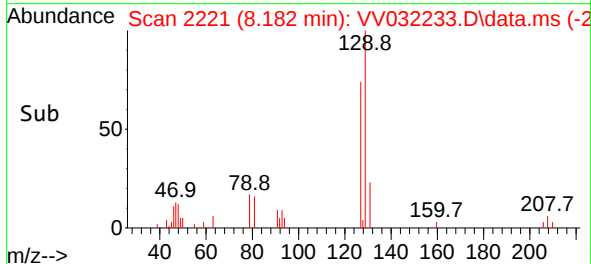
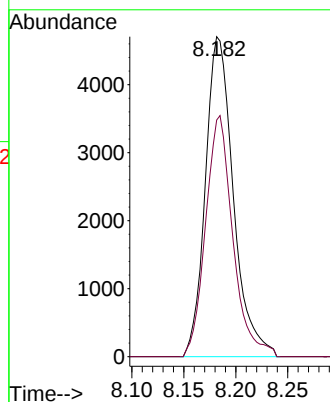
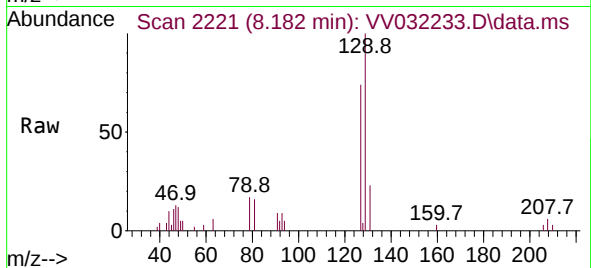
ClientSampleId :

Tgt Ion:129 Resp: 8807

Ion Ratio Lower Upper

129 100

127 74.0 57.2 106.2



#59

Bromoform

Concen: 0.562 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV032233.D

Acq: 04 Oct 2023 16:39

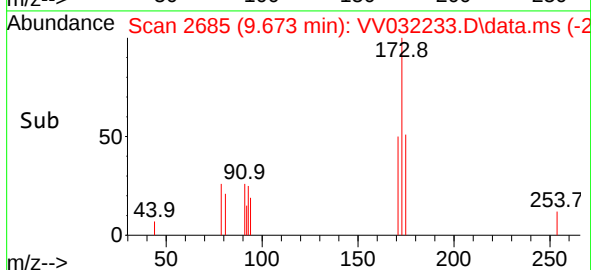
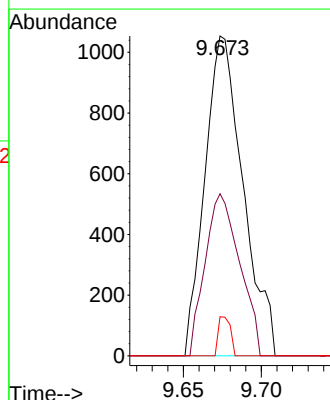
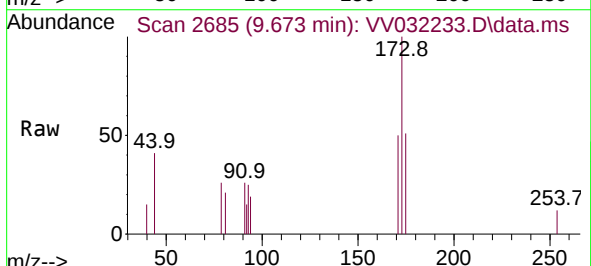
Tgt Ion:173 Resp: 1792

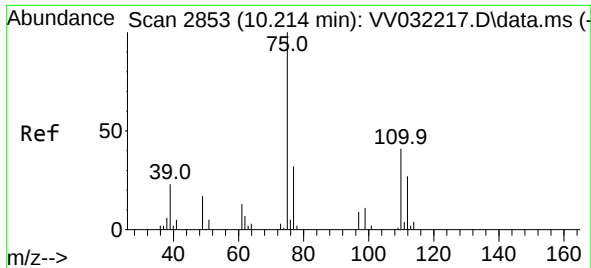
Ion Ratio Lower Upper

173 100

175 45.8 38.2 57.2

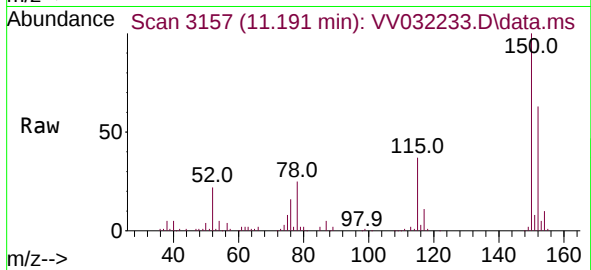
254 3.9 7.0 10.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.173 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV032233.D
 Acq: 04 Oct 2023 16:39

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5476
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2
 110 1.6 30.6 46.0#

