

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032236.D
 Acq On : 04 Oct 2023 17:53
 Operator : SY/MD
 Sample : 04741-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:43:39 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)

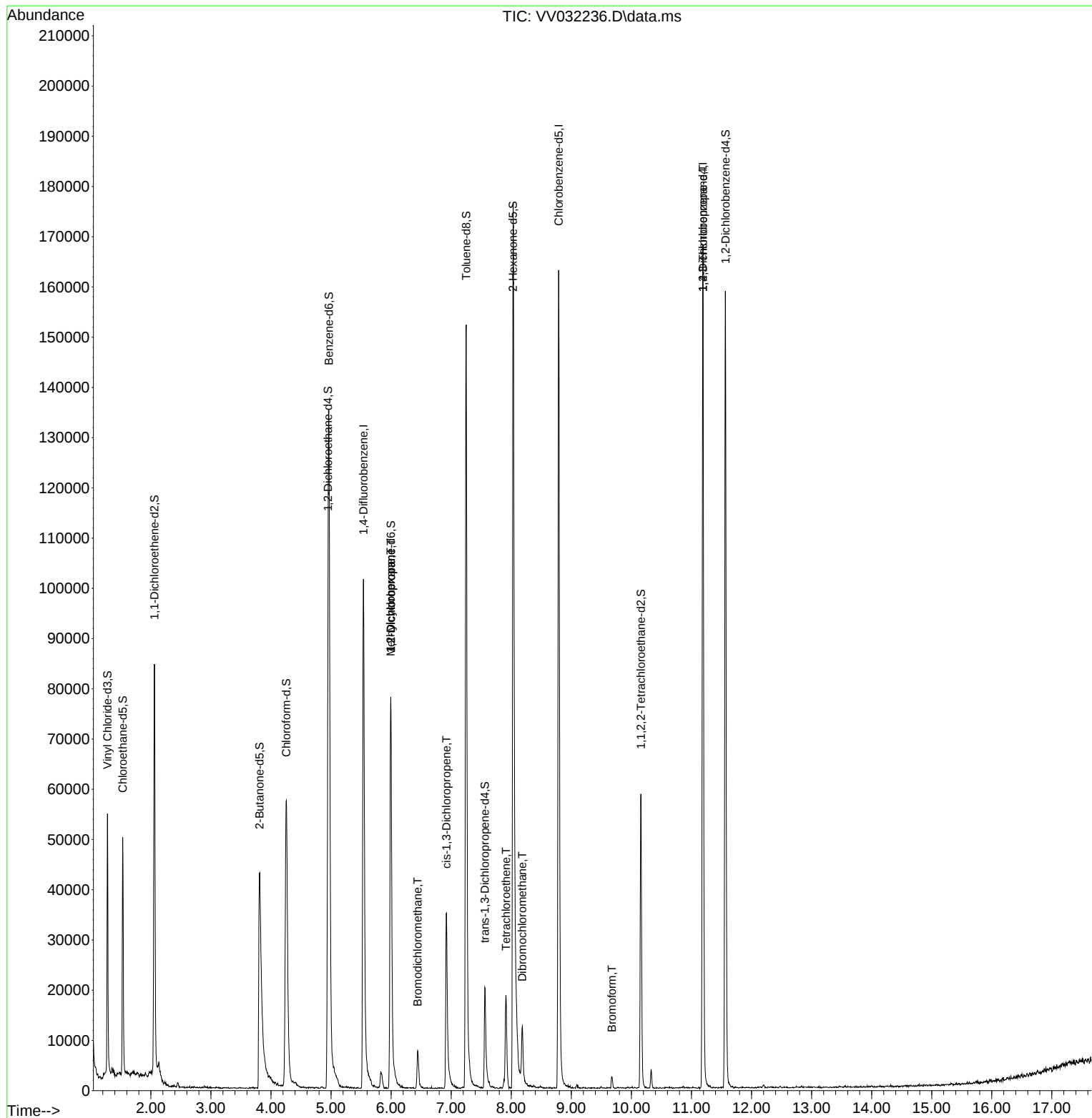
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	91900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33338	4.460	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.200%	
7) Chloroethane-d5	1.532	69	30390	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.060	65	14278	4.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	3.809	46	88992	47.068	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.140%	
24) Chloroform-d	4.252	84	63285	4.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	4.950	65	31150	4.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	4.963	84	124239	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	5.995	67	43500	4.821	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.249	98	108912	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.561	79	13980	4.373	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.030	63	66246	44.038	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.080%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30045	4.761	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.567	152	39781	4.872	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.992	83	9755	0.709	ug/L #	16
37) 1,2-Dichloropropane	5.995	63	4356	0.500	ug/L #	87
38) Bromodichloromethane	6.442	83	5954	0.575	ug/L #	94
39) cis-1,3-Dichloropropene	6.921	75	936	0.075	ug/L #	57
47) Tetrachloroethene	7.912	164	4434	0.657	ug/L	96
49) Dibromochloromethane	8.185	129	6168	0.964	ug/L	98
59) Bromoform	9.674	173	1174	0.367	ug/L #	94
61) 1,2,3-Trichloropropane	11.191	75	5449	1.164	ug/L #	63

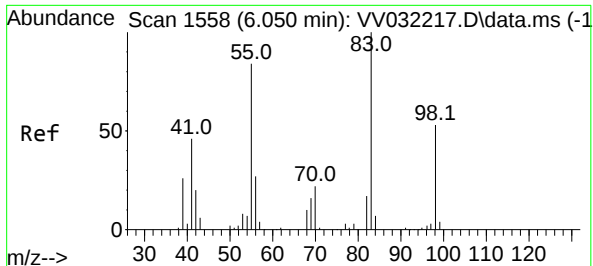
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.058 min

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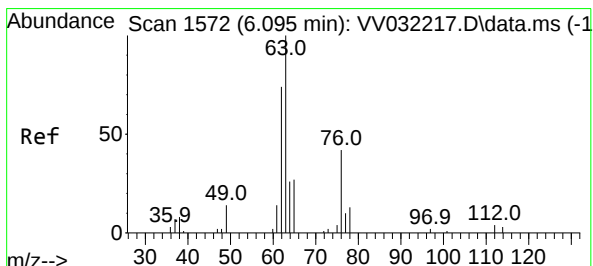
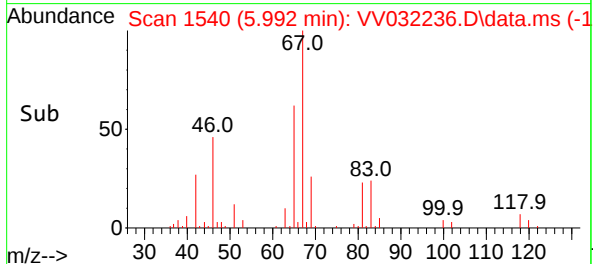
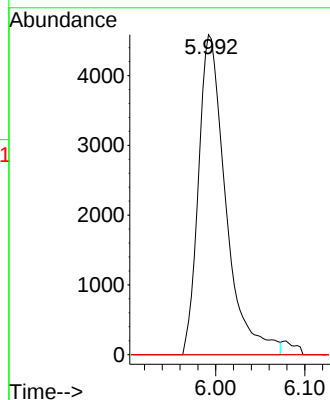
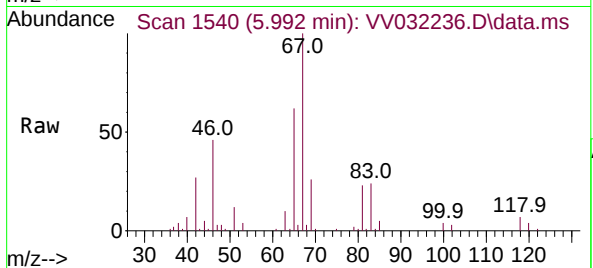
Acq: 04 Oct 2023 17:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 9755
Ion Ratio	Lower Upper
83 100	
55 0.0	64.2 96.2#
98 0.0	39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.500 ug/L

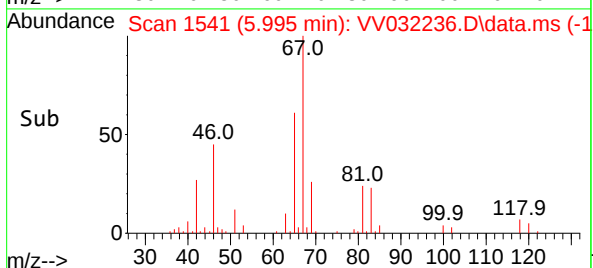
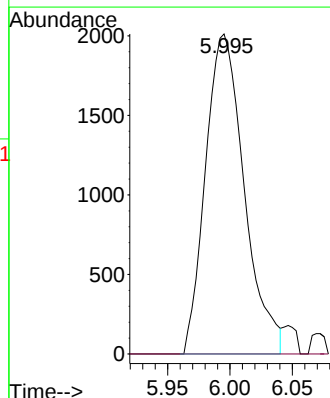
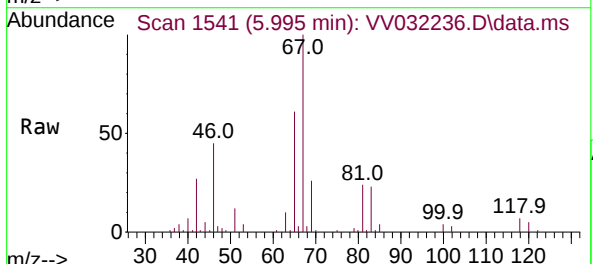
RT: 5.995 min Scan# 1541

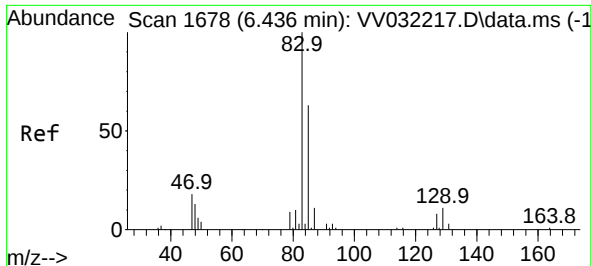
Delta R.T. -0.100 min

Lab File: VV032236.D

Acq: 04 Oct 2023 17:53

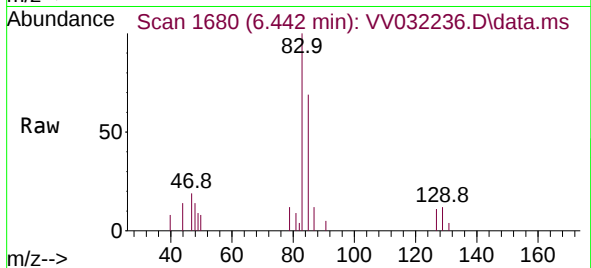
Tgt Ion: 63	Resp: 4356
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.2#



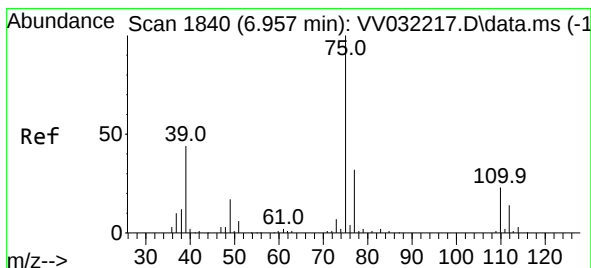
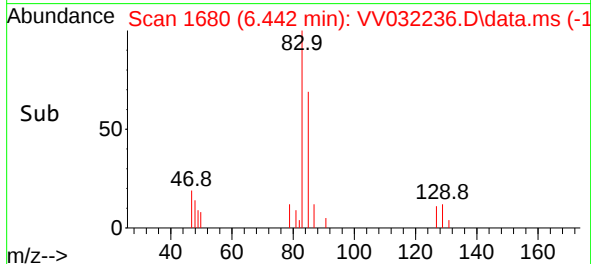
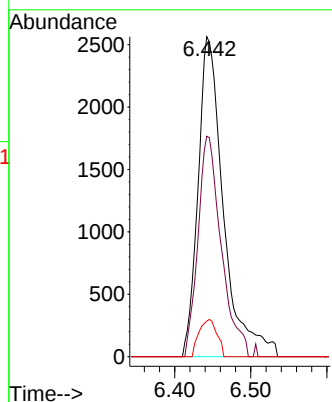


#38
Bromodichloromethane
Concen: 0.575 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV032236.D
Acq: 04 Oct 2023 17:53

Instrument :
MSVOA_V
ClientSampleId :

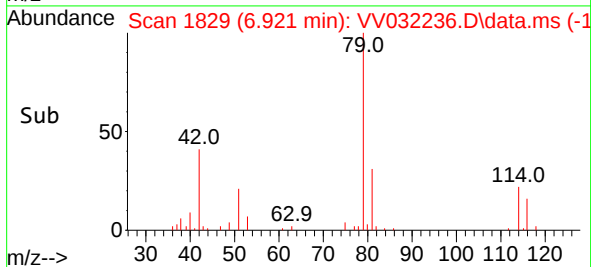
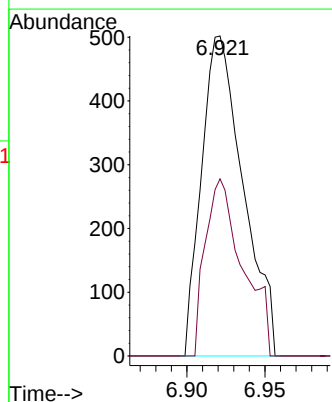
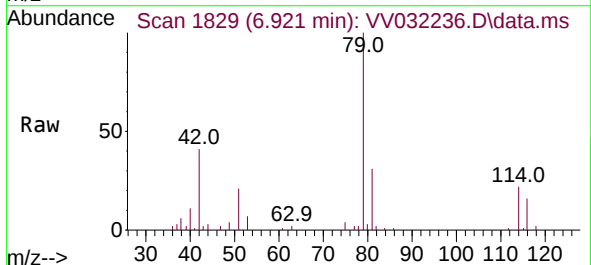


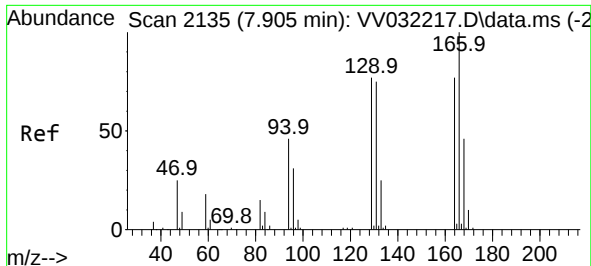
Tgt Ion: 83 Resp: 5954
Ion Ratio Lower Upper
83 100
85 68.9 44.9 83.3
127 11.1 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.035 min
Lab File: VV032236.D
Acq: 04 Oct 2023 17:53

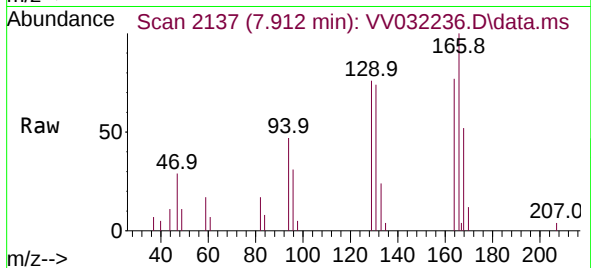
Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 55.4 22.2 41.2#



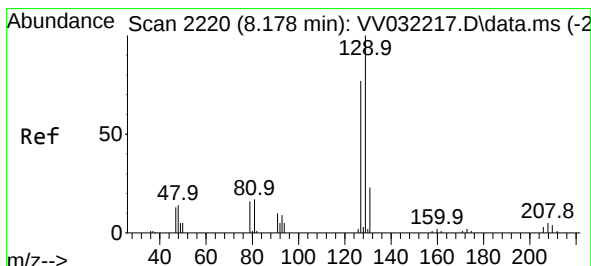
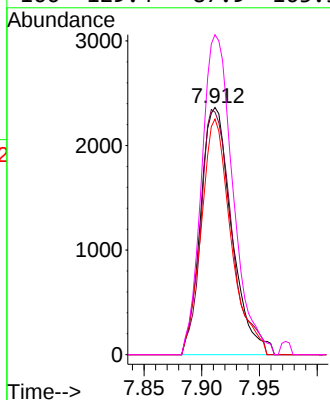
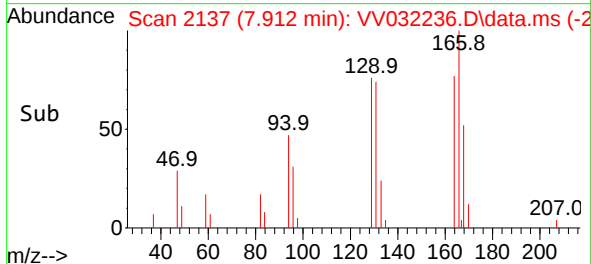


#47
Tetrachloroethene
Concen: 0.657 ug/L
RT: 7.912 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV032236.D
Acq: 04 Oct 2023 17:53

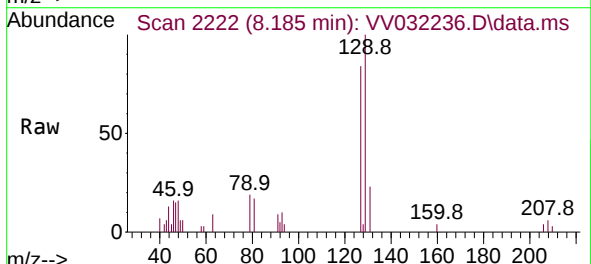
Instrument :
MSVOA_V
ClientSampleId :



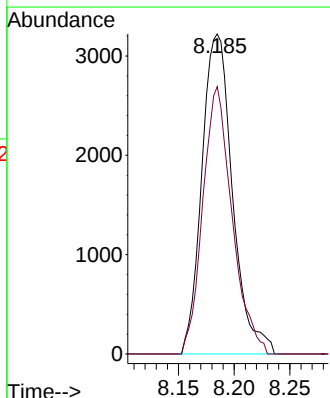
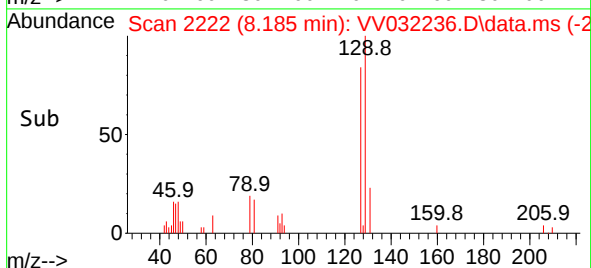
Tgt Ion:164 Resp: 4434
Ion Ratio Lower Upper
164 100
129 98.1 66.4 123.4
131 95.3 63.7 118.3
166 129.4 87.9 163.3

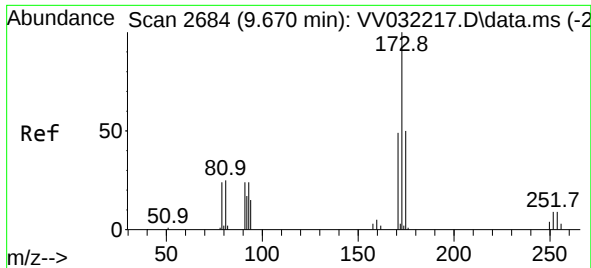


#49
Dibromochloromethane
Concen: 0.964 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.006 min
Lab File: VV032236.D
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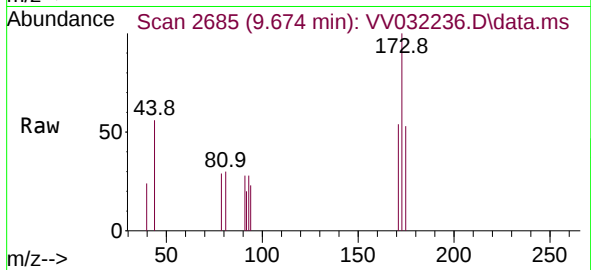
Tgt Ion:129 Resp: 6168
Ion Ratio Lower Upper
129 100
127 83.6 57.2 106.2



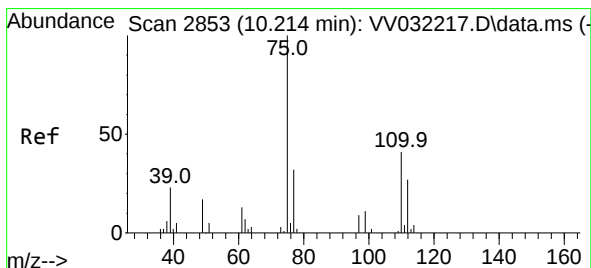
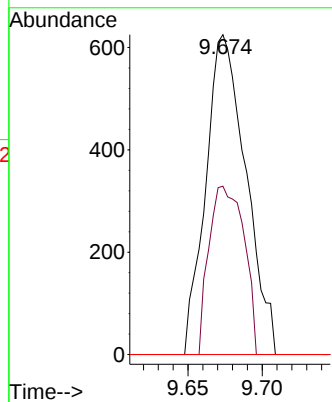
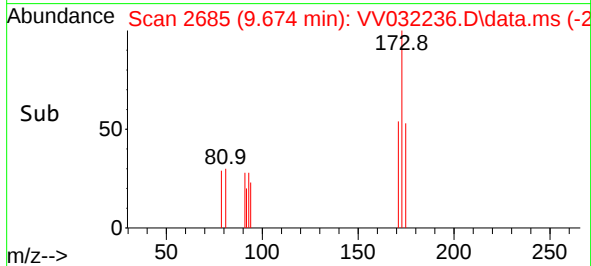


#59
Bromoform
Concen: 0.367 ug/L
RT: 9.674 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032236.D
Acq: 04 Oct 2023 17:53

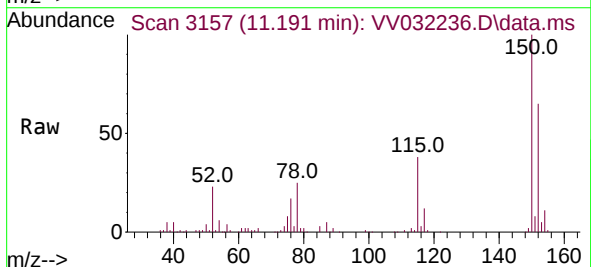
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:173 Resp: 1174
Ion Ratio Lower Upper
173 100
175 45.8 38.2 57.2
254 0.0 7.0 10.4#



#61
1,2,3-Trichloropropane
Concen: 1.164 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.977 min
Lab File: VV032236.D
Acq: 04 Oct 2023 17:53



Tgt Ion: 75 Resp: 5449
Ion Ratio Lower Upper
75 100
77 36.0 26.2 39.2
110 0.4 30.6 46.0#

