

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032237.D
 Acq On : 04 Oct 2023 18:17
 Operator : SY/MD
 Sample : 04741-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:43:54 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)

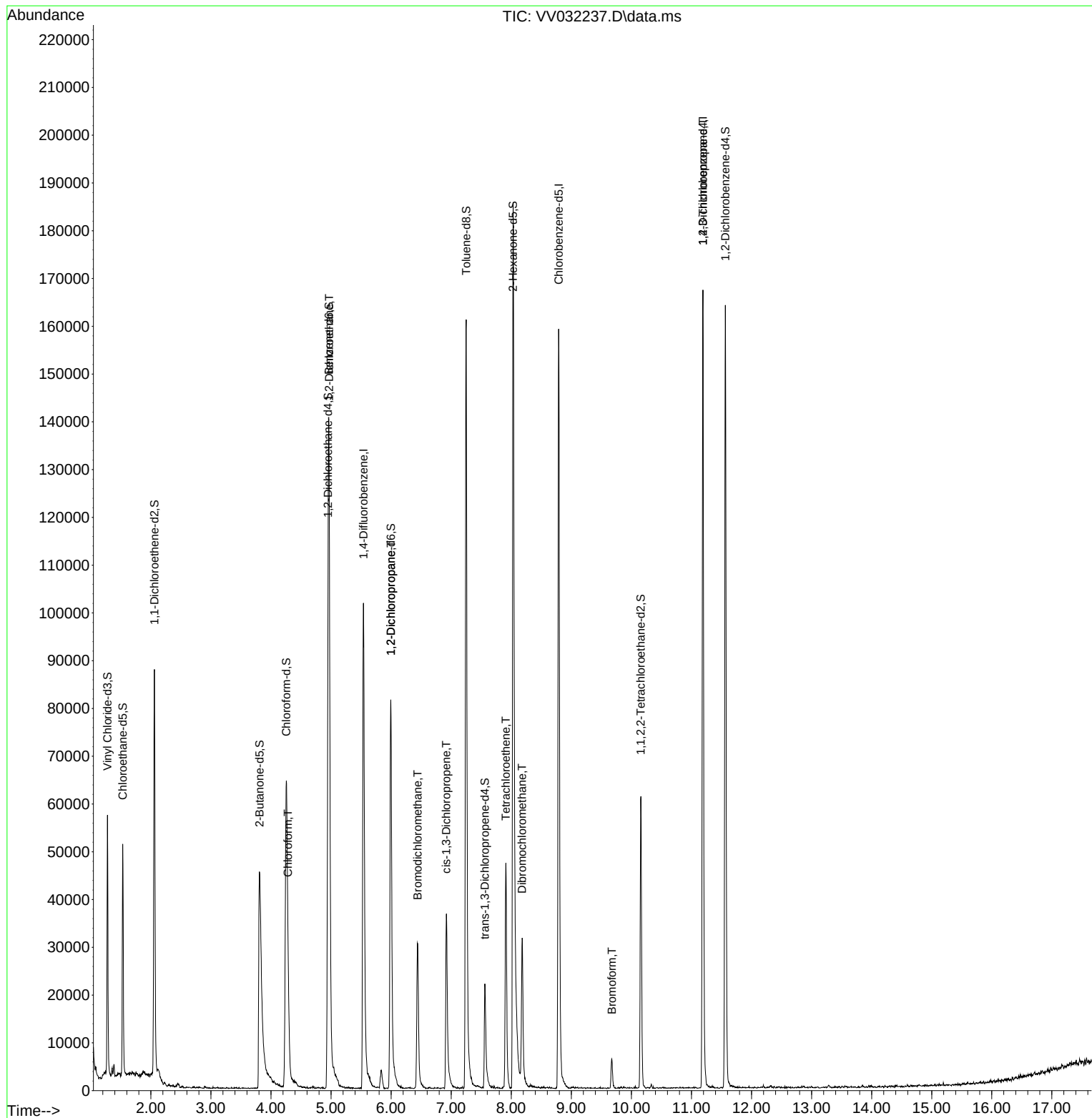
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	94916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	42335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35156	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.532	69	30908	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.060	65	14451	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.809	46	92172	47.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.400%
24) Chloroform-d	4.256	84	65790	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.950	65	32545	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.963	84	133535	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	5.995	67	44834	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.249	98	112849	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.561	79	14666	4.599	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.030	63	68665	45.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31445	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	42649	5.429	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
25) Chloroform	4.281	83	17395	1.182	ug/L	98
27) 1,2-Dichloroethane	4.966	62	830	0.095	ug/L #	73
37) 1,2-Dichloropropane	5.995	63	4477	0.515	ug/L #	87
38) Bromodichloromethane	6.442	83	23239	2.250	ug/L	100
39) cis-1,3-Dichloropropene	6.918	75	1141	0.092	ug/L	84
47) Tetrachloroethene	7.908	164	10862	1.614	ug/L	98
49) Dibromochloromethane	8.181	129	16589	2.599	ug/L	100
59) Bromoform	9.673	173	3273	1.063	ug/L #	95
61) 1,2,3-Trichloropropane	11.191	75	5687	1.262	ug/L #	65

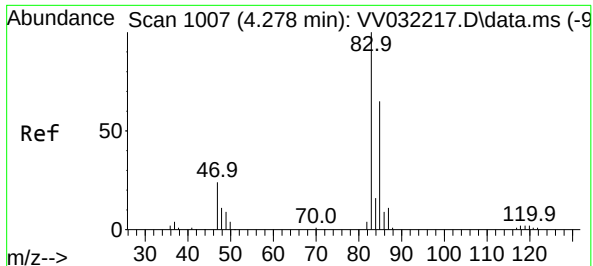
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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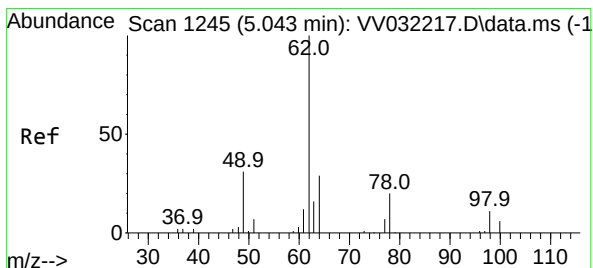
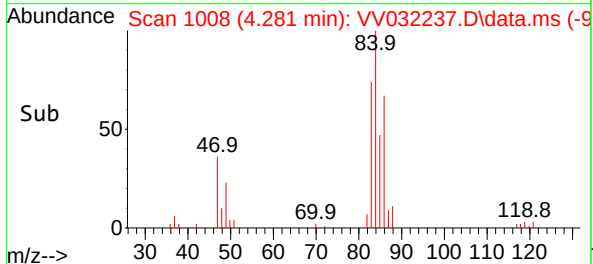
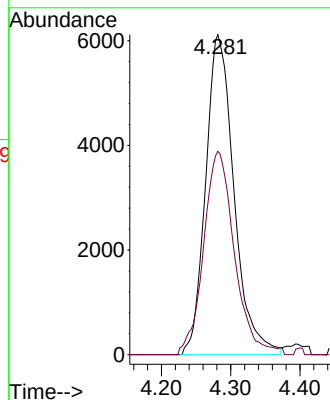
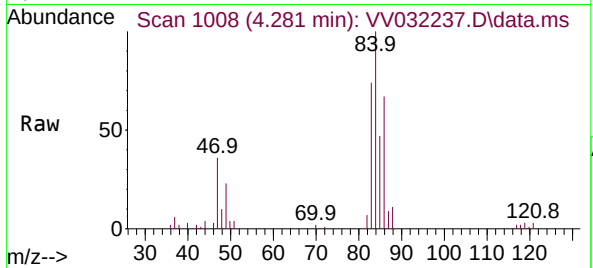




#25
Chloroform
Concen: 1.182 ug/L
RT: 4.281 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV032237.D
Acq: 04 Oct 2023 18:17

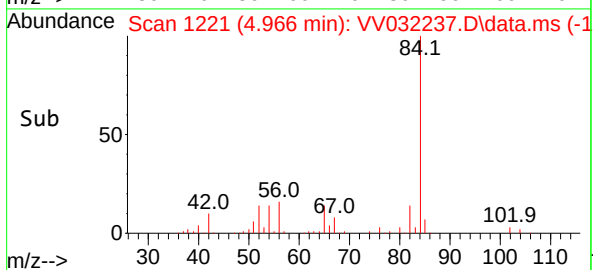
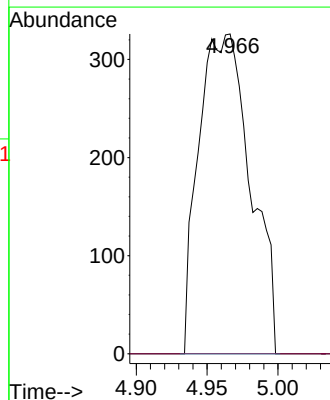
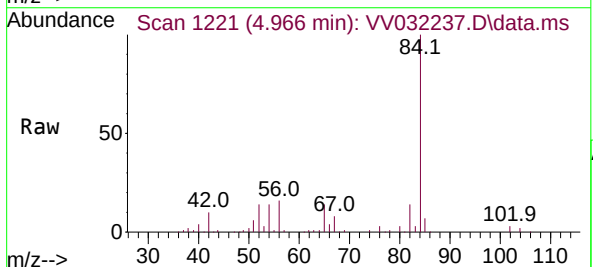
Instrument :
MSVOA_V
ClientSampleId :

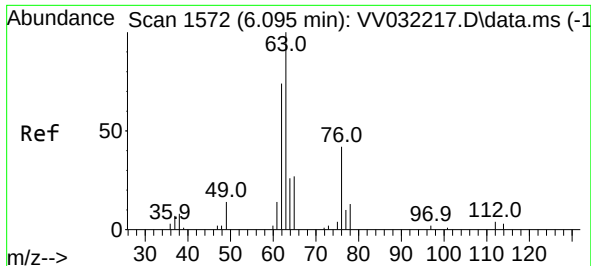
Tgt Ion: 83 Resp: 17395
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 4.966 min Scan# 1221
Delta R.T. -0.077 min
Lab File: VV032237.D
Acq: 04 Oct 2023 18:17

Tgt Ion: 62 Resp: 830
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

Instrument :

MSVOA_V

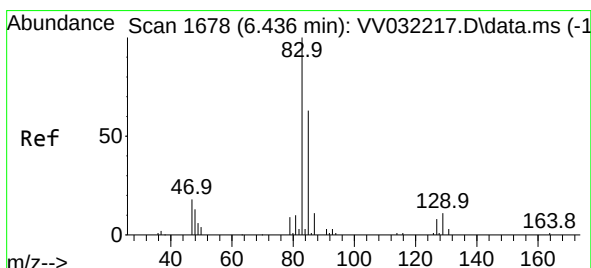
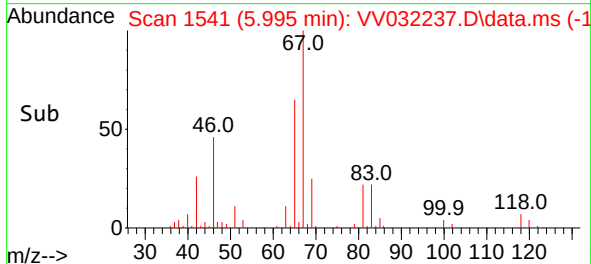
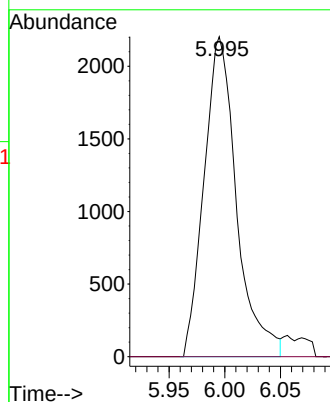
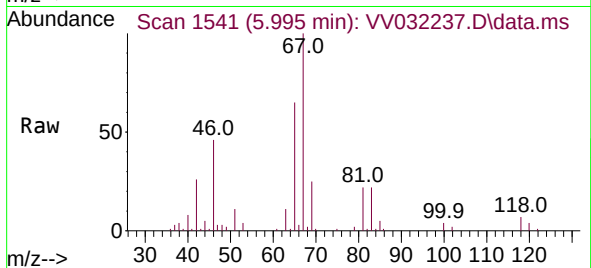
ClientSampleId :

Tgt Ion: 63 Resp: 4477

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.250 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

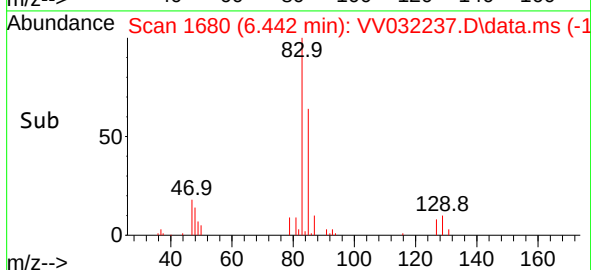
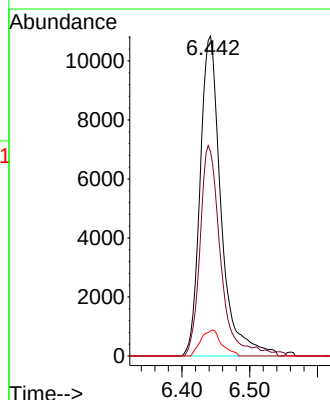
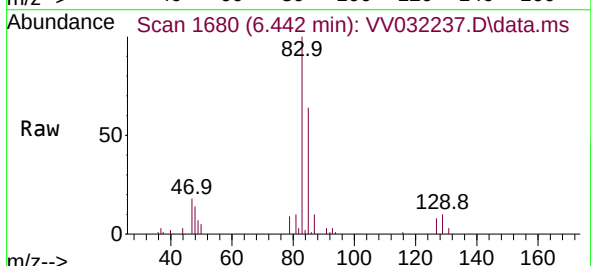
Tgt Ion: 83 Resp: 23239

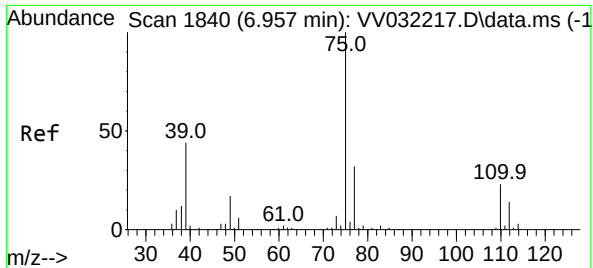
Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.3

127 7.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.918 min Scan# 1141

Delta R.T. -0.039 min

Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

Instrument :

MSVOA_V

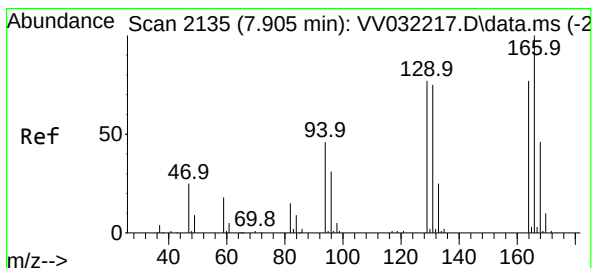
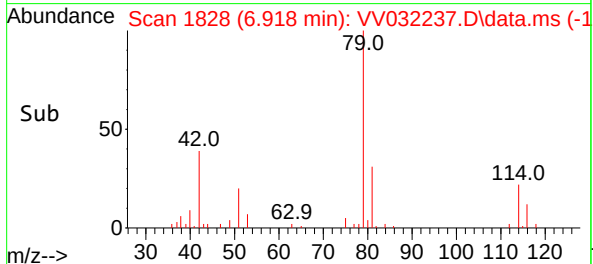
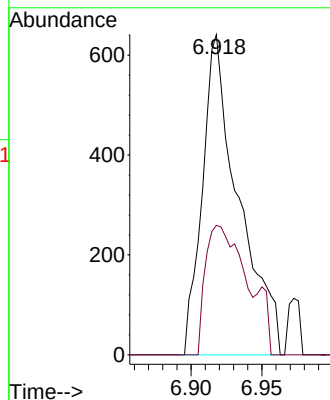
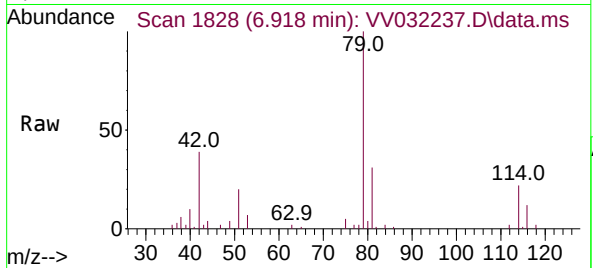
ClientSampleId :

Tgt Ion: 75 Resp: 1141

Ion Ratio Lower Upper

75 100

77 40.4 22.2 41.2



#47

Tetrachloroethene

Concen: 1.614 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

Tgt Ion: 164 Resp: 10862

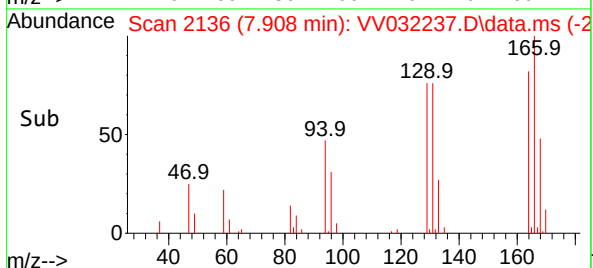
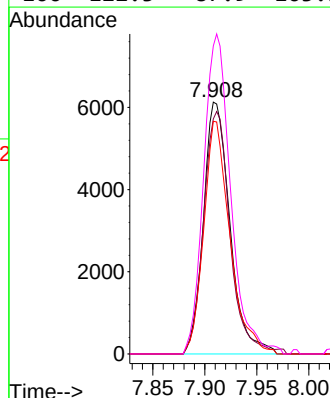
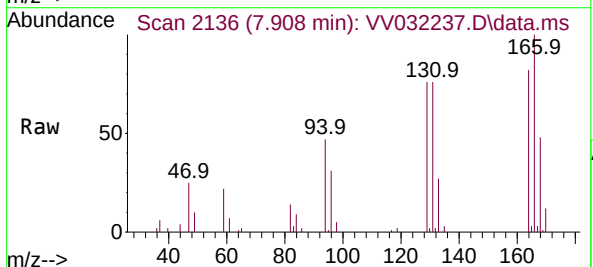
Ion Ratio Lower Upper

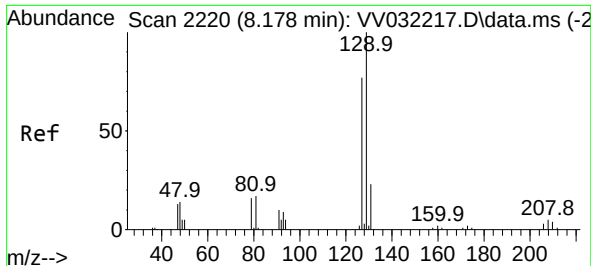
164 100

129 93.3 66.4 123.4

131 92.4 63.7 118.3

166 122.3 87.9 163.3





#49

Dibromochloromethane

Concen: 2.599 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

Instrument :

MSVOA_V

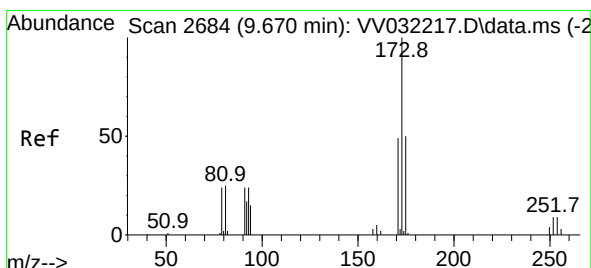
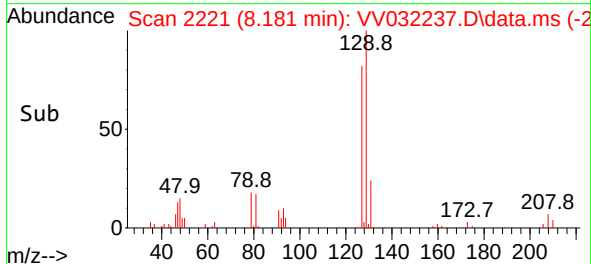
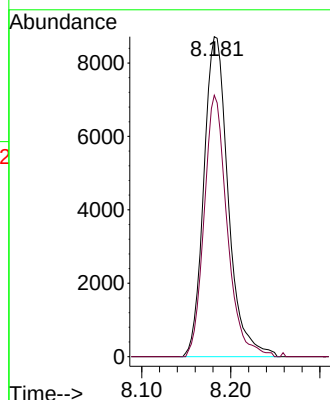
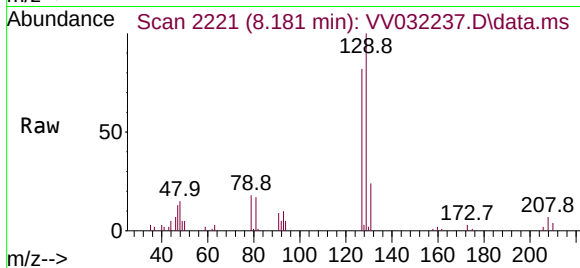
ClientSampleId :

Tgt Ion:129 Resp: 16589

Ion Ratio Lower Upper

129 100

127 81.7 57.2 106.2



#59

Bromoform

Concen: 1.063 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

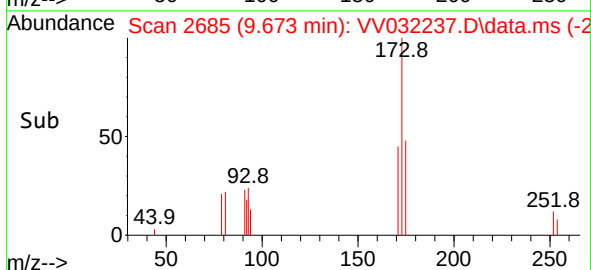
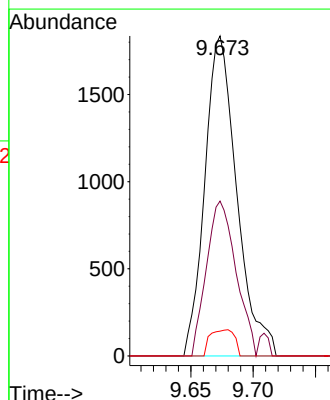
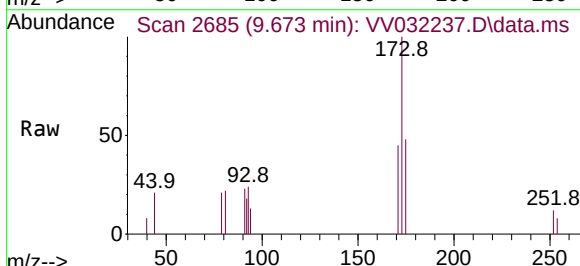
Tgt Ion:173 Resp: 3273

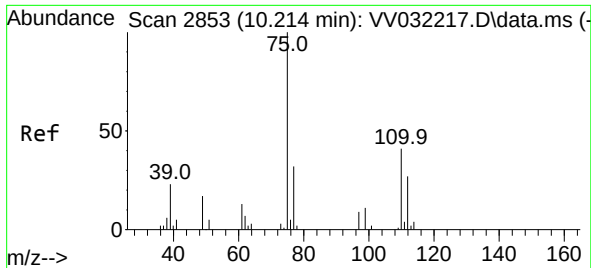
Ion Ratio Lower Upper

173 100

175 44.7 38.2 57.2

254 6.2 7.0 10.4#





#61

1,2,3-Trichloropropane

Concen: 1.262 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.977 min

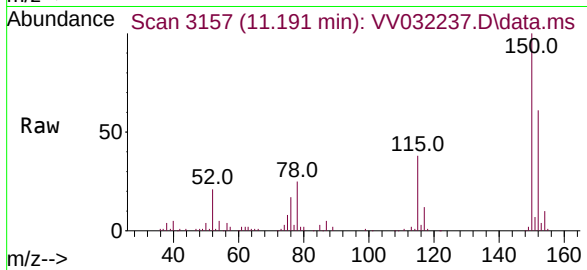
Lab File: VV032237.D

Acq: 04 Oct 2023 18:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	75	Resp:	5687
Ion	Ratio	Lower	Upper
75	100		
77	34.3	26.2	39.2
110	0.0	30.6	46.0

