

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032235.D
 Acq On : 04 Oct 2023 17:28
 Operator : SY/MD
 Sample : 04741-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:43:23 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

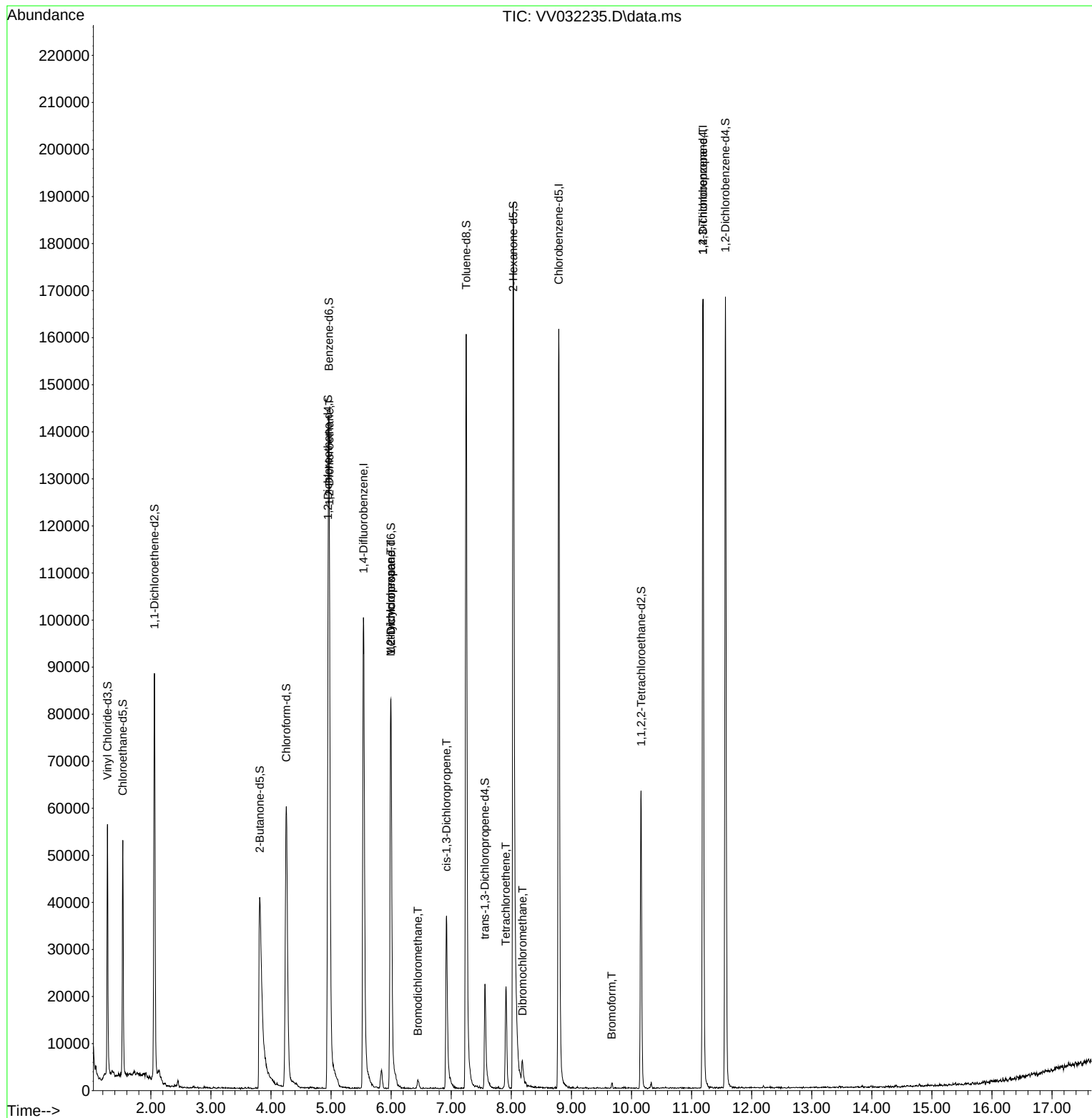
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	95175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	92314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35349	4.567	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.532	69	31499	5.013	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.060	65	14631	4.482	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.812	46	95868	48.960	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.920%	
24) Chloroform-d	4.256	84	66367	4.860	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	4.950	65	32745	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	4.963	84	129164	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	5.995	67	44615	4.957	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.249	98	114455	4.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	7.561	79	14164	4.441	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.031	63	70152	46.752	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.500%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31632	5.025	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.564	152	43336	5.287	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	4.973	62	874	0.100	ug/L #	73
35) Methylcyclohexane	5.992	83	9945	0.724	ug/L #	17
37) 1,2-Dichloropropane	5.995	63	4699	0.541	ug/L #	87
38) Bromodichloromethane	6.445	83	1693	0.164	ug/L #	91
39) cis-1,3-Dichloropropene	6.921	75	895	0.072	ug/L #	67
47) Tetrachloroethene	7.908	164	5024	0.747	ug/L	97
49) Dibromochloromethane	8.185	129	2547	0.399	ug/L	95
59) Bromoform	9.670	173	550	0.171	ug/L #	94
61) 1,2,3-Trichloropropane	11.191	75	5738	1.221	ug/L #	65

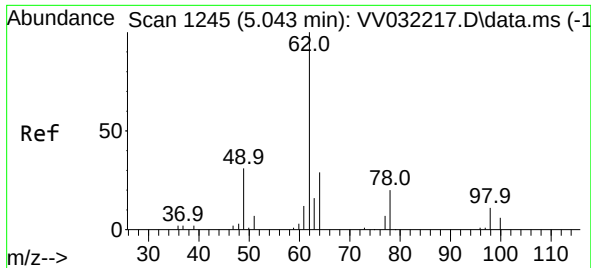
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 05 01:37:52 2023
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 4.973 min Scan# 1

Delta R.T. -0.071 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Instrument :

MSVOA_V

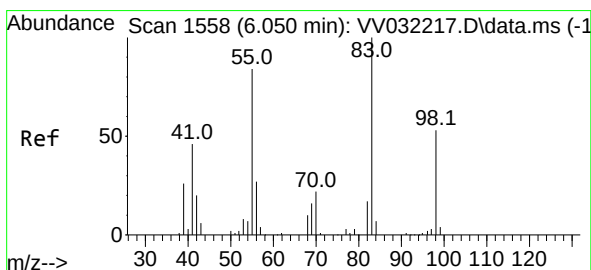
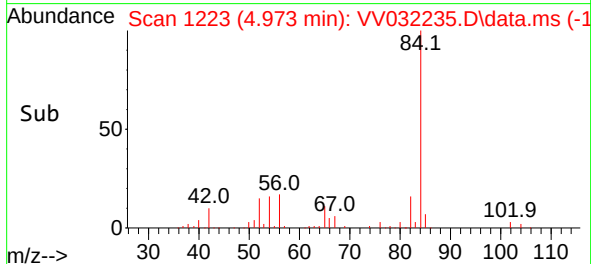
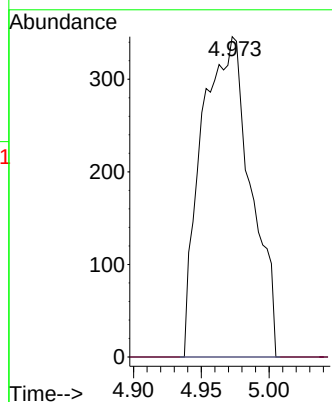
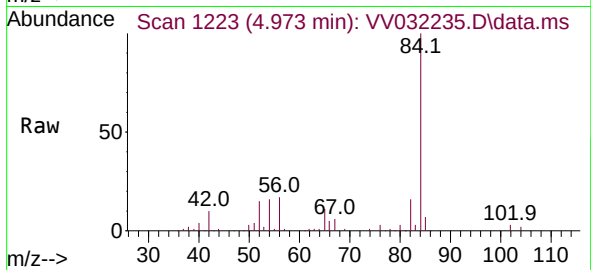
ClientSampleId :

Tgt Ion: 62 Resp: 874

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

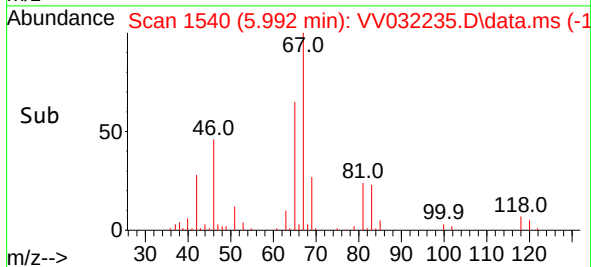
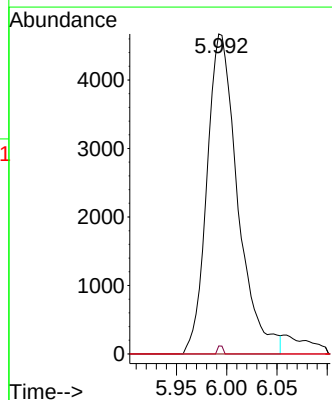
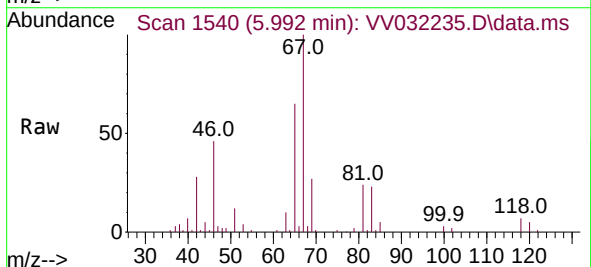
Tgt Ion: 83 Resp: 9945

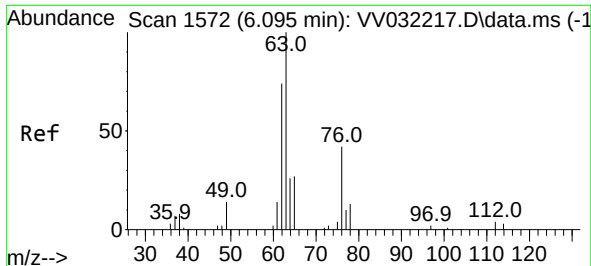
Ion Ratio Lower Upper

83 100

55 0.4 64.2 96.2#

98 0.2 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Instrument :

MSVOA_V

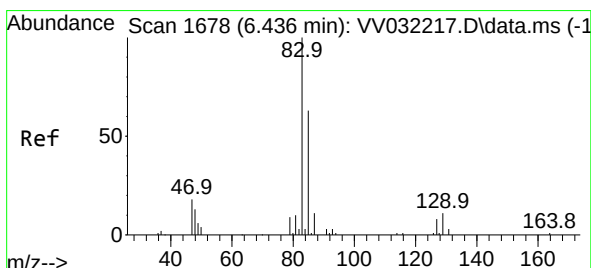
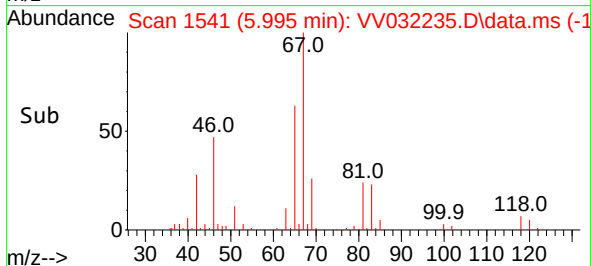
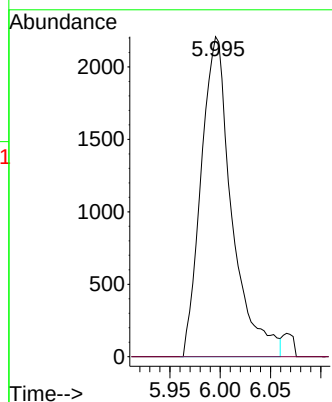
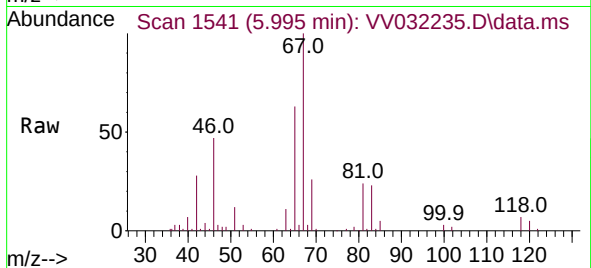
ClientSampleId :

Tgt Ion: 63 Resp: 4699

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.164 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.010 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

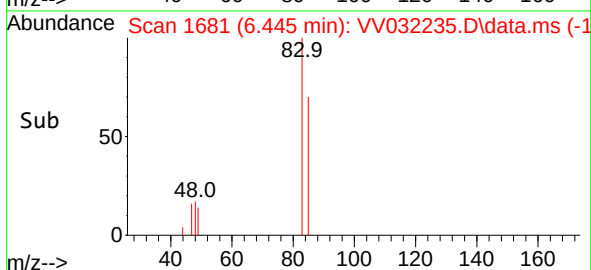
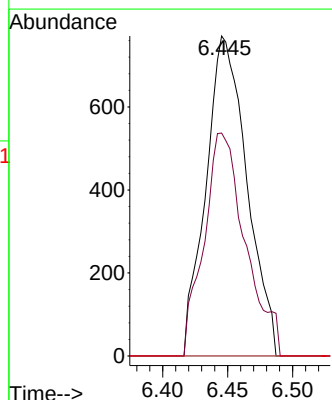
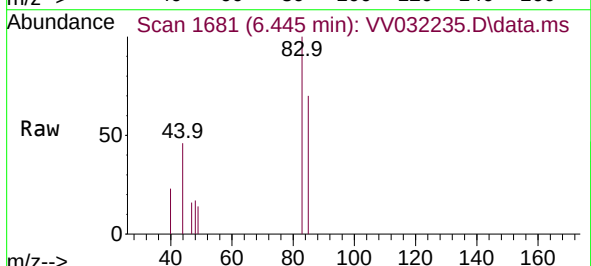
Tgt Ion: 83 Resp: 1693

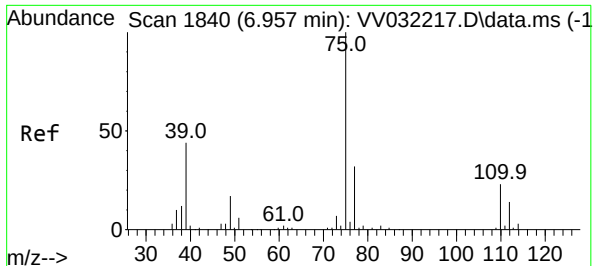
Ion Ratio Lower Upper

83 100

85 69.6 44.9 83.3

127 0.0 6.9 10.3#





#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Instrument :

MSVOA_V

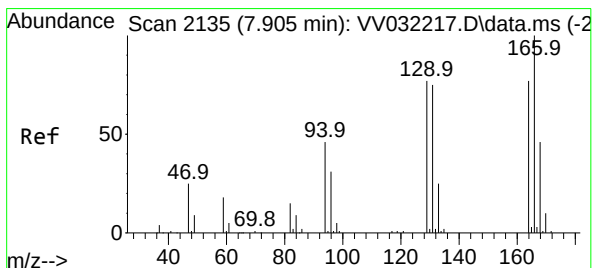
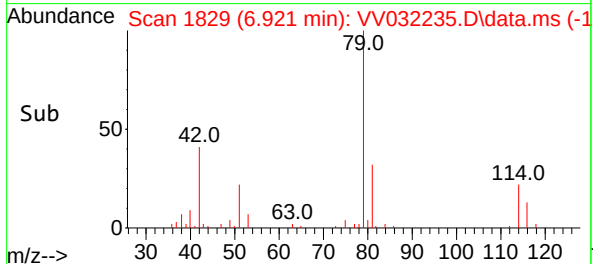
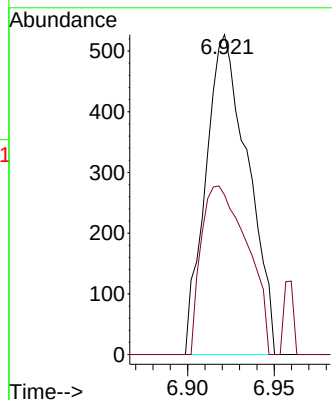
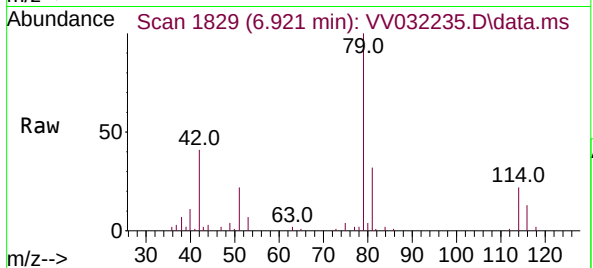
ClientSampleId :

Tgt Ion: 75 Resp: 895

Ion Ratio Lower Upper

75 100

77 49.9 22.2 41.2#



#47

Tetrachloroethene

Concen: 0.747 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Tgt Ion: 164 Resp: 5024

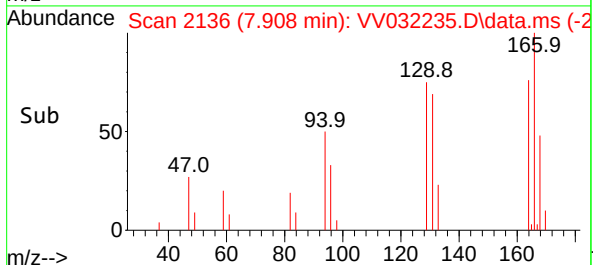
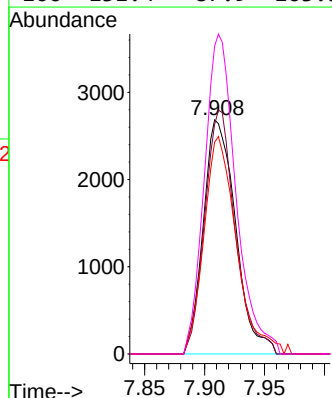
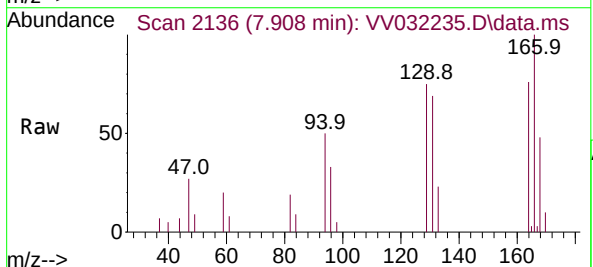
Ion Ratio Lower Upper

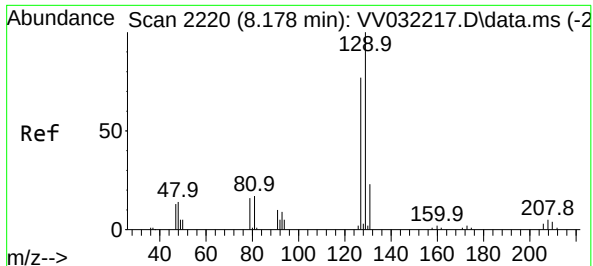
164 100

129 98.0 66.4 123.4

131 90.4 63.7 118.3

166 131.4 87.9 163.3





#49

Dibromochloromethane

Concen: 0.399 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

Instrument :

MSVOA_V

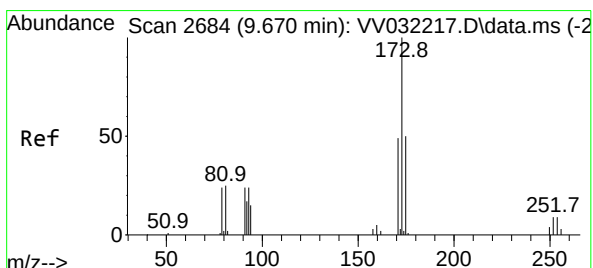
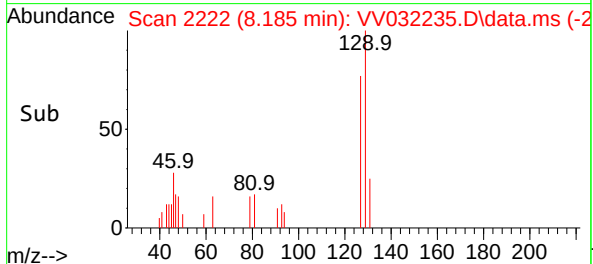
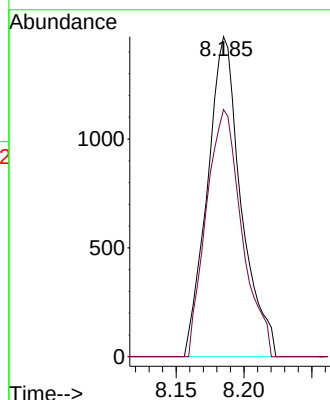
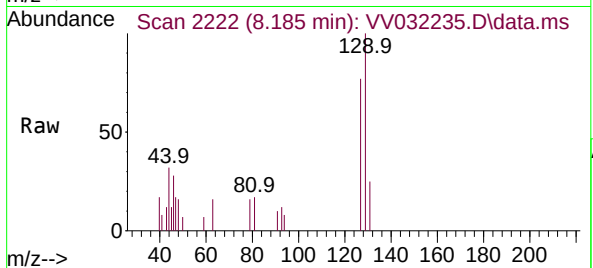
ClientSampleId :

Tgt Ion:129 Resp: 2547

Ion Ratio Lower Upper

129 100

127 77.2 57.2 106.2



#59

Bromoform

Concen: 0.171 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032235.D

Acq: 04 Oct 2023 17:28

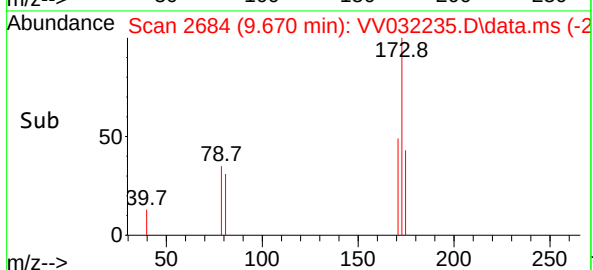
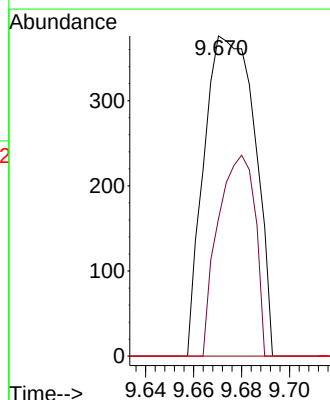
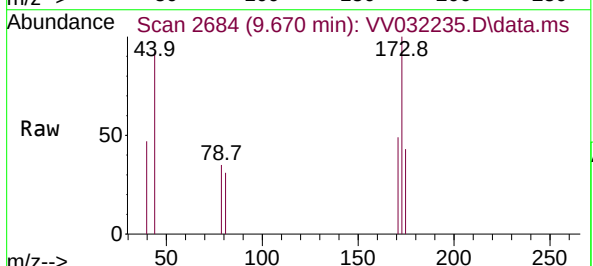
Tgt Ion:173 Resp: 550

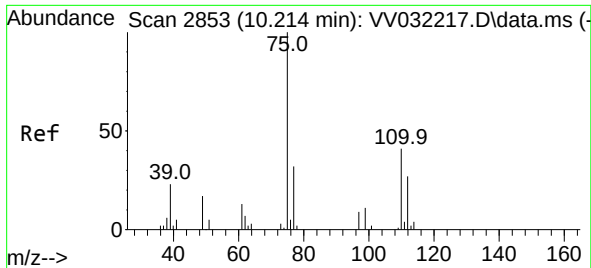
Ion Ratio Lower Upper

173 100

175 46.0 38.2 57.2

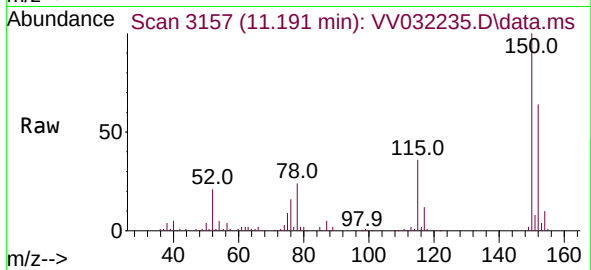
254 0.0 7.0 10.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.221 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV032235.D
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Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5738
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.2 39.2
 110 0.0 30.6 46.0#

