

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
 Data File : VV033824.D
 Acq On : 23 Jan 2024 12:48
 Operator : SY/MD
 Sample : P1190-15DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:03:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

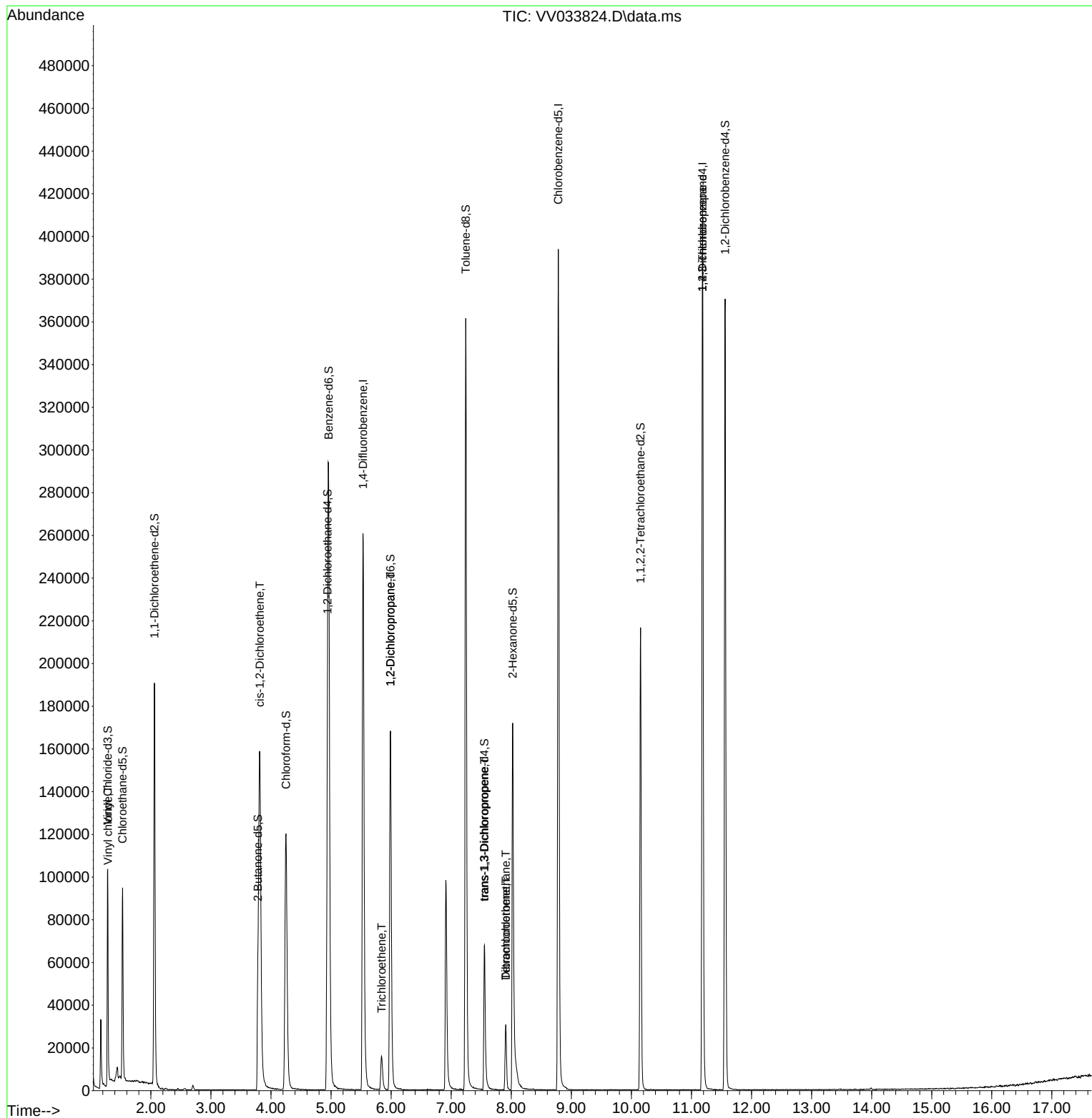
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	223855	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	206681	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	105151	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65142	37.864	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.720%
7) Chloroethane-d5	1.529	69	56962	41.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.620%
11) 1,1-Dichloroethene-d2	2.060	65	32535	43.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.880%
21) 2-Butanone-d5	3.783	46	84544	71.644	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.640%
24) Chloroform-d	4.249	84	129940	42.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.480%
26) 1,2-Dichloroethane-d4	4.940	65	87816	44.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.360%
32) Benzene-d6	4.960	84	256283	43.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
36) 1,2-Dichloropropane-d6	5.989	67	79141	40.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.840%
41) Toluene-d8	7.243	98	235544	44.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.980%
43) trans-1,3-Dichloroprop...	7.555	79	39255	41.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.140%
47) 2-Hexanone-d5	8.024	63	59931	74.702	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.700%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	100418	40.669	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	91748	45.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.980%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	2047	1.010	ug/L #	2
20) cis-1,2-Dichloroethene	3.812	96	81321	48.688	ug/L	94
34) Trichloroethene	5.844	95	5544	3.405	ug/L	85
37) 1,2-Dichloropropane	5.989	63	9764	5.845	ug/L #	88
44) trans-1,3-Dichloropropene	7.551	75	1965	0.764	ug/L	85
46) Tetrachloroethene	7.908	164	7083	5.930	ug/L	94
49) Dibromochloromethane	7.908	129	6317	4.002	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	12635	6.771	ug/L #	67

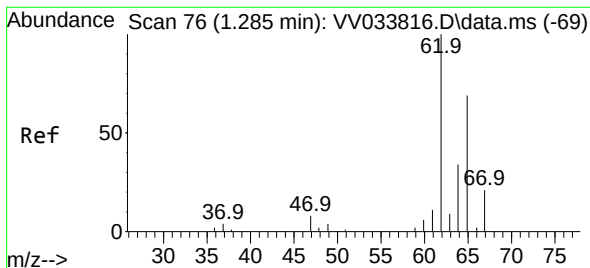
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.010 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

Instrument :

MSVOA_V

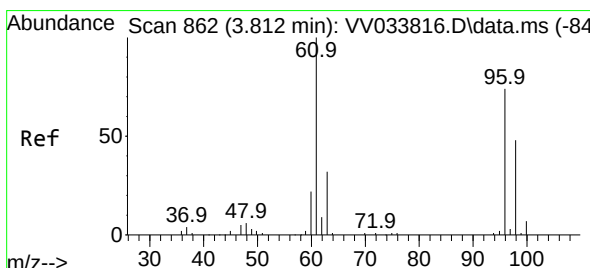
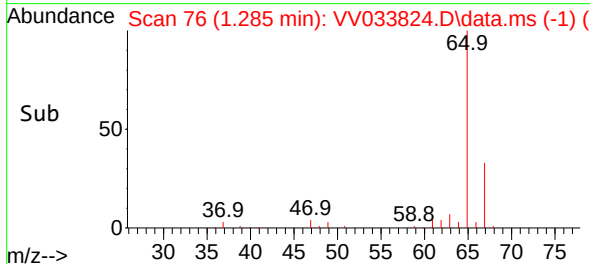
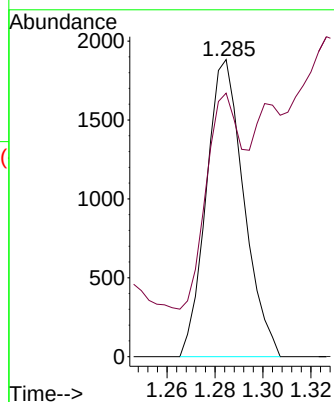
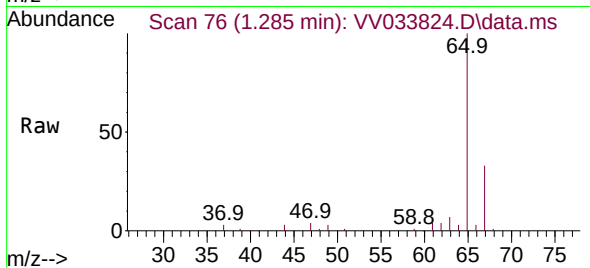
ClientSampleId :

Tgt Ion: 62 Resp: 2047

Ion Ratio Lower Upper

62 100

64 88.7 23.2 43.0#



#20

cis-1,2-Dichloroethene

Concen: 48.688 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

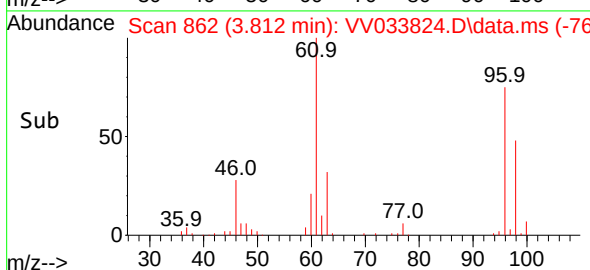
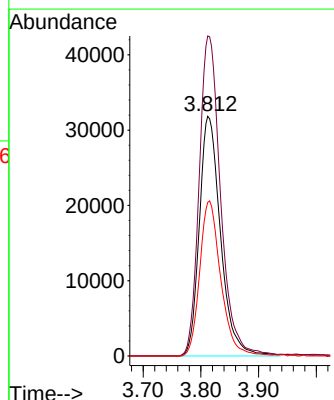
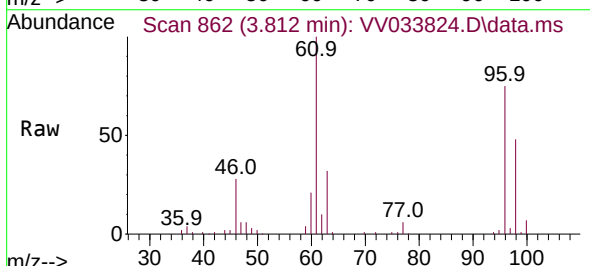
Tgt Ion: 96 Resp: 81321

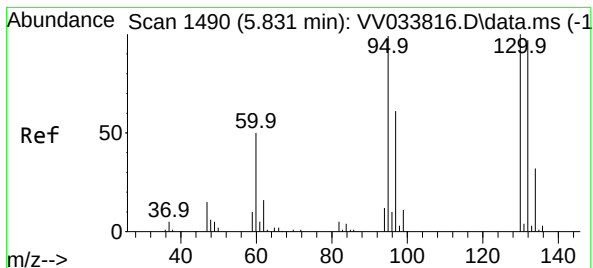
Ion Ratio Lower Upper

96 100

61 133.6 100.6 186.8

98 64.1 44.6 82.8





#34

Trichloroethene

Concen: 3.405 ug/L

RT: 5.844 min Scan# 1490

Delta R.T. 0.013 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 5544

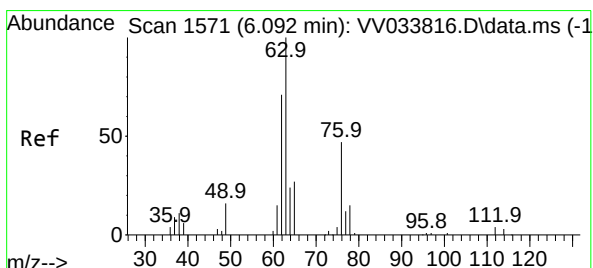
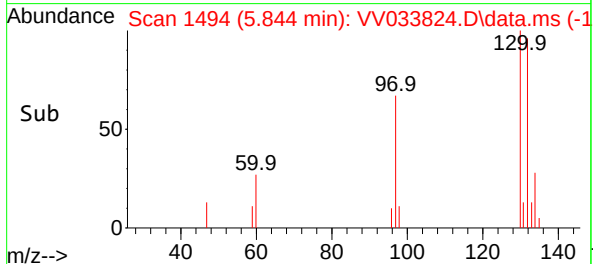
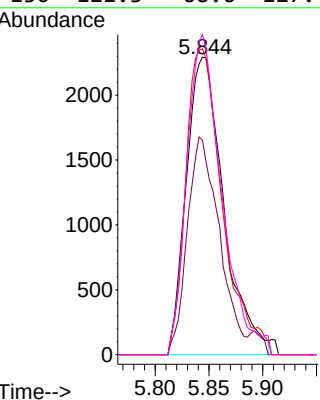
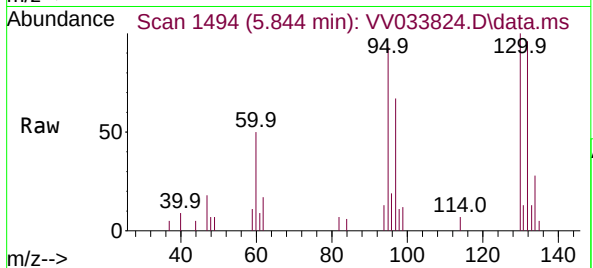
Ion Ratio Lower Upper

95 100

97 72.1 44.4 82.4

132 102.8 65.5 121.7

130 121.3 68.6 127.4



#37

1,2-Dichloropropane

Concen: 5.845 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV033824.D

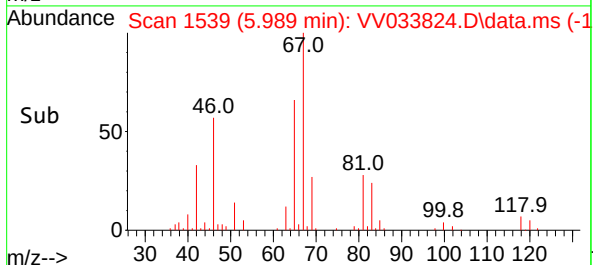
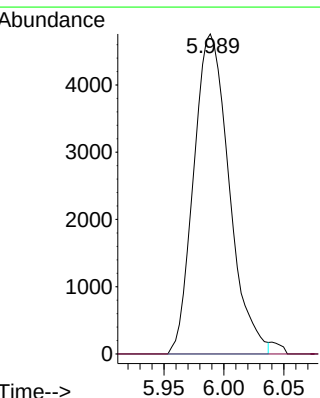
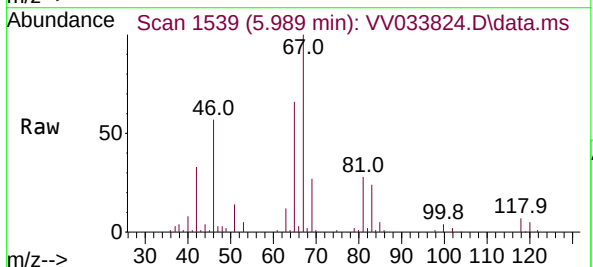
Acq: 23 Jan 2024 12:48

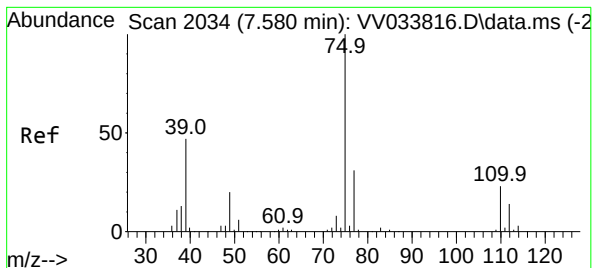
Tgt Ion: 63 Resp: 9764

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#44

trans-1,3-Dichloropropene

Concen: 0.764 ug/L

RT: 7.551 min Scan# 2034

Delta R.T. -0.029 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

Instrument :

MSVOA_V

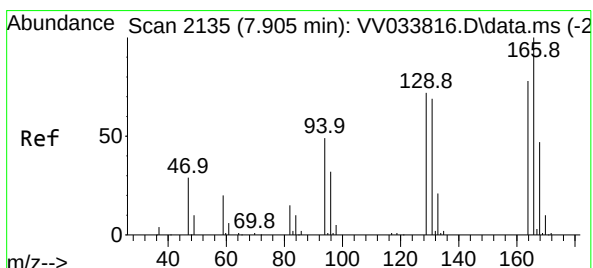
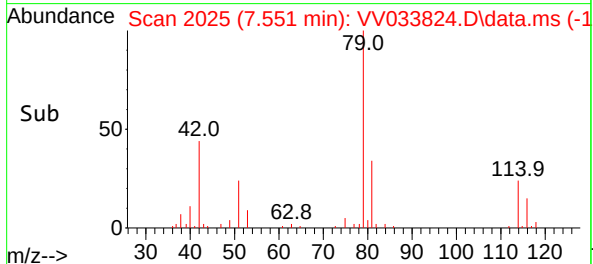
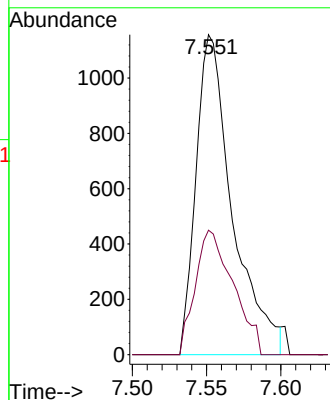
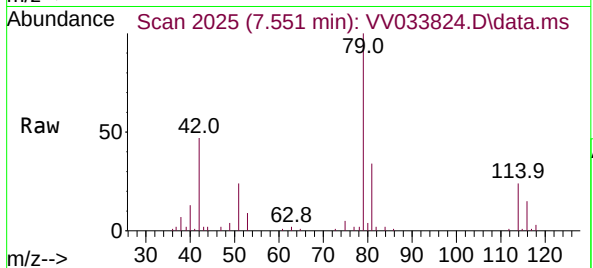
ClientSampleId :

Tgt Ion: 75 Resp: 1965

Ion Ratio Lower Upper

75 100

77 38.9 21.6 40.0



#46

Tetrachloroethene

Concen: 5.930 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

Tgt Ion: 164 Resp: 7083

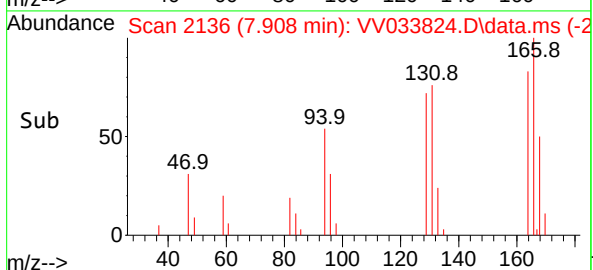
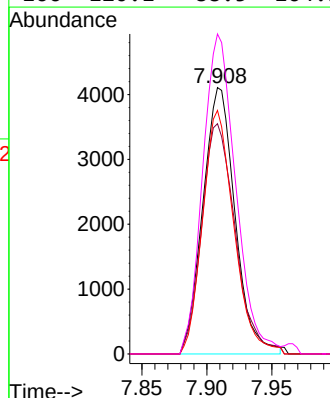
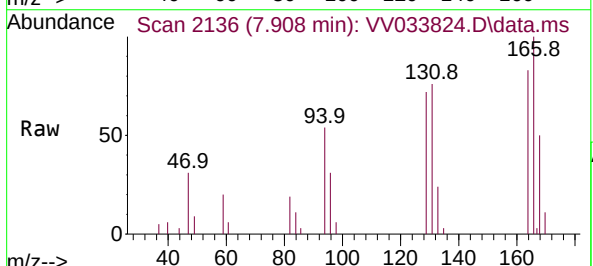
Ion Ratio Lower Upper

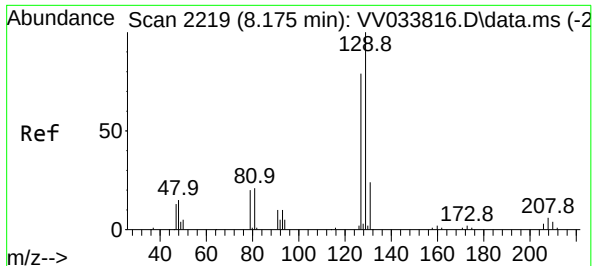
164 100

129 86.4 66.1 122.7

131 91.4 65.9 122.5

166 120.1 88.5 164.3





#49

Dibromochloromethane

Concen: 4.002 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

Instrument :

MSVOA_V

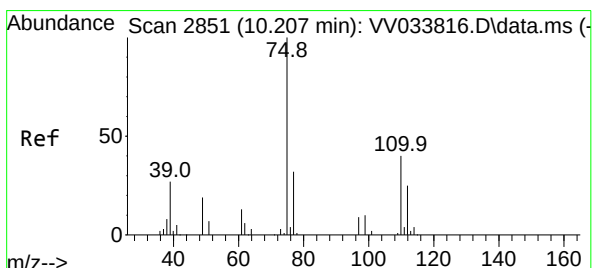
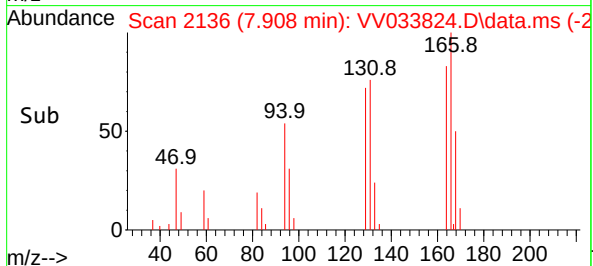
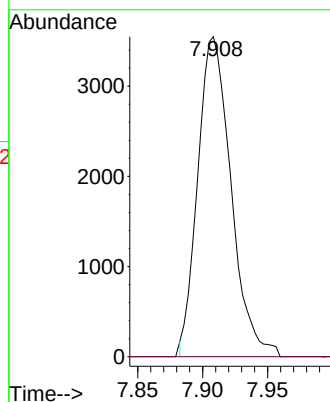
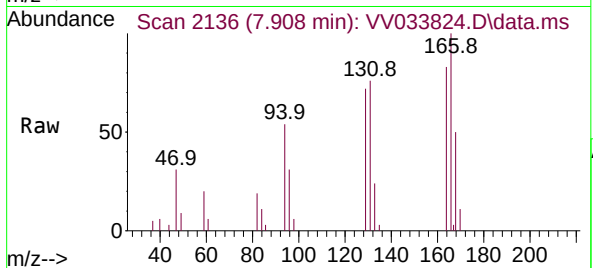
ClientSampleId :

Tgt Ion:129 Resp: 6317

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#61

1,2,3-Trichloropropane

Concen: 6.771 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033824.D

Acq: 23 Jan 2024 12:48

Tgt Ion: 75 Resp: 12635

Ion Ratio Lower Upper

75 100

77 33.6 25.3 37.9

110 2.7 29.5 44.3#

