

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080824\
 Data File : VV036848.D
 Acq On : 08 Aug 2024 13:52
 Operator : SY/MD
 Sample : P3498-05
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 02:42:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 02:41:02 2024
 Response via : Initial Calibration

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

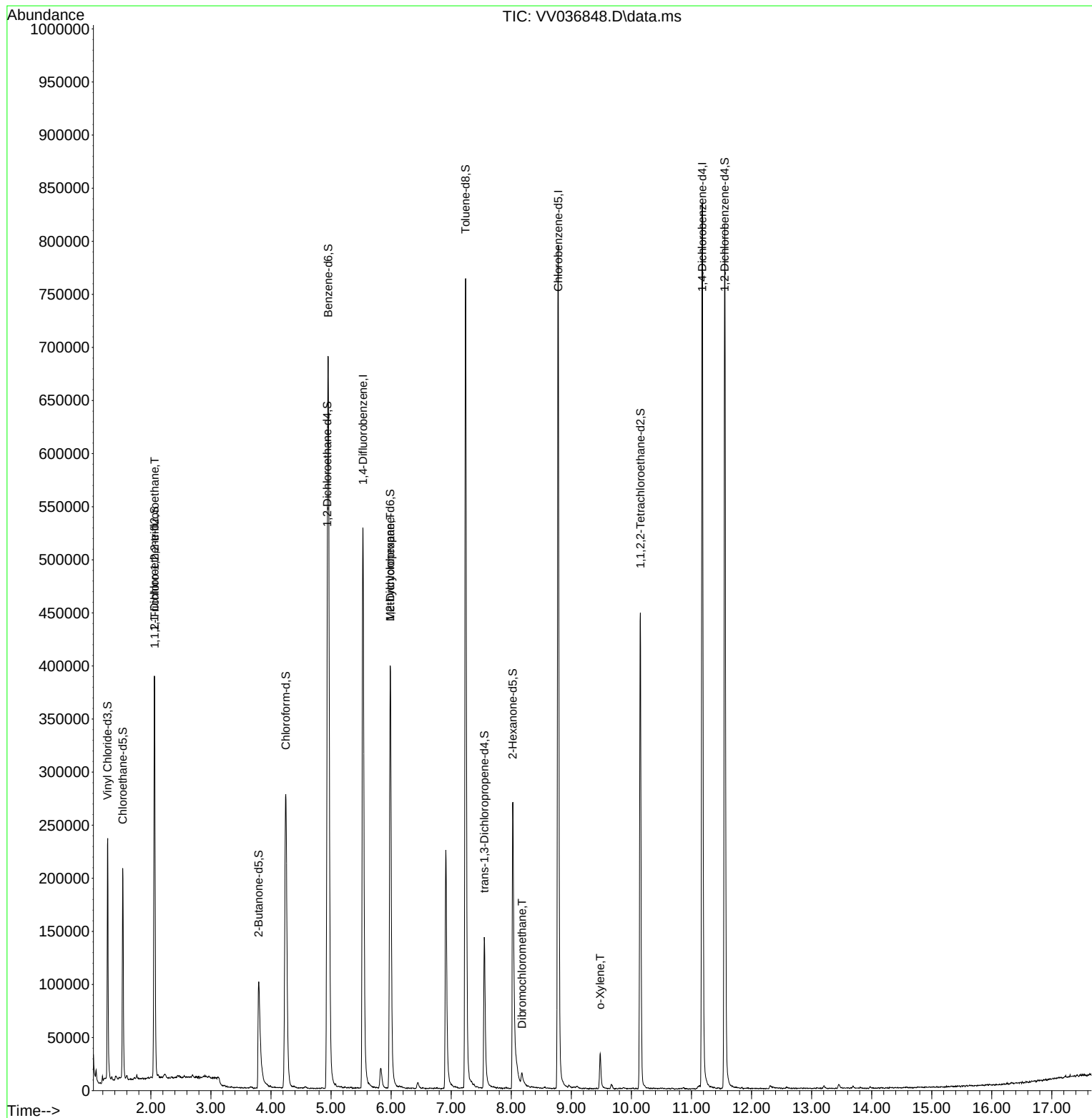
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	460517	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	428527	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	210648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	144103	39.177	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.360%
7) Chloroethane-d5	1.532	69	125393	43.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.460%
11) 1,1-Dichloroethene-d2	2.060	65	62823	39.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.860%
21) 2-Butanone-d5	3.796	46	168064	86.238	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.240%
24) Chloroform-d	4.246	84	295848	44.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
26) 1,2-Dichloroethane-d4	4.937	65	194786	45.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
32) Benzene-d6	4.953	84	588402	45.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	5.985	67	197413	47.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	7.239	98	506080	42.625	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.260%
43) trans-1,3-Dichloroprop...	7.551	79	87590	40.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.620%
47) 2-Hexanone-d5	8.024	63	94386	78.615	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.610%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	219813	45.847	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.700%
66) 1,2-Dichlorobenzene-d4	11.554	152	201693	46.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.980%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3471	1.140	ug/L #	65
35) Methylcyclohexane	5.985	83	46683	8.190	ug/L #	19
49) Dibromochloromethane	8.178	129	5861	1.735	ug/L	99
54) o-Xylene	9.480	106	9516	1.670	ug/L	91

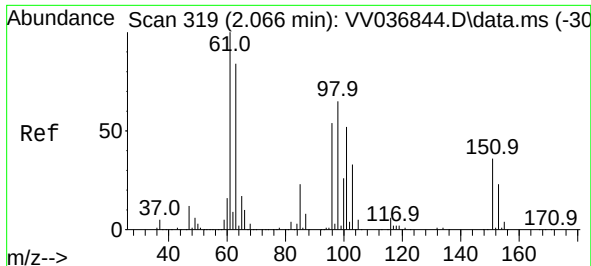
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.140 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

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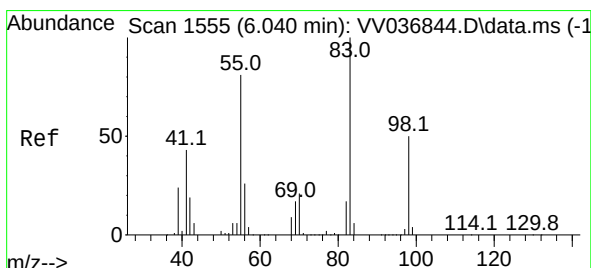
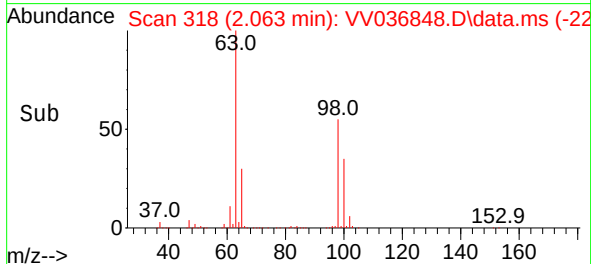
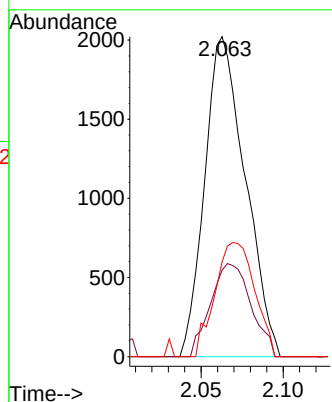
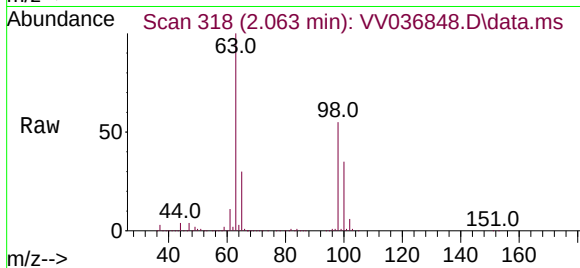
Tgt Ion:101 Resp: 3471

Ion Ratio Lower Upper

101 100

85 29.1 34.6 51.8#

151 35.0 55.9 83.9#



#35

Methylcyclohexane

Concen: 8.190 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

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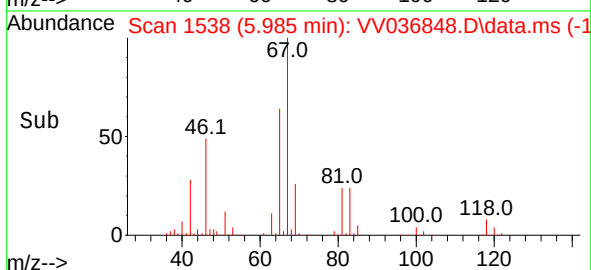
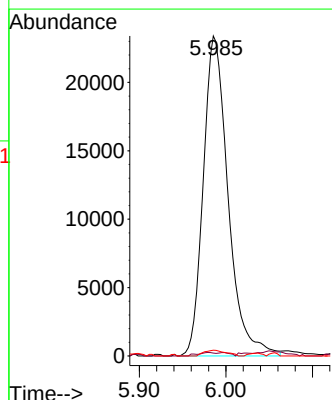
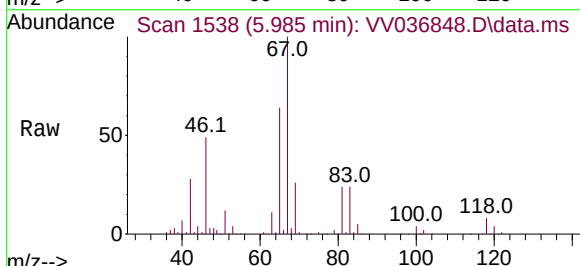
Tgt Ion: 83 Resp: 46683

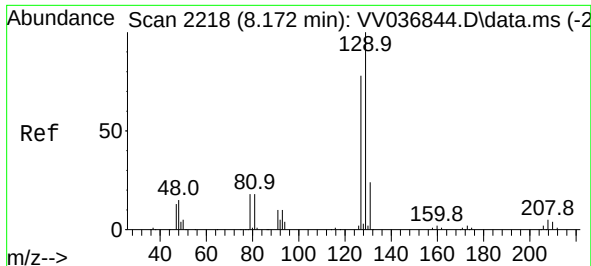
Ion Ratio Lower Upper

83 100

55 0.6 62.3 93.5#

98 1.6 38.7 58.1#





#49

Dibromochloromethane

Concen: 1.735 ug/L

RT: 8.178 min Scan# 21

Delta R.T. 0.006 min

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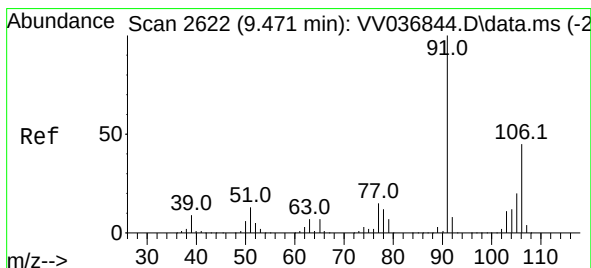
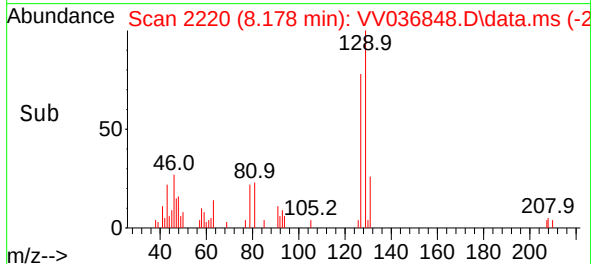
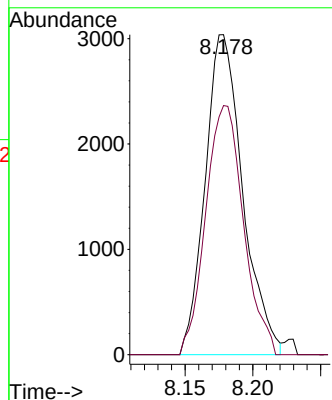
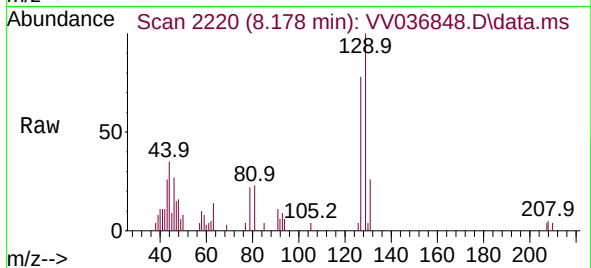
ClientSampleId :

Tgt Ion:129 Resp: 5861

Ion Ratio Lower Upper

129 100

127 77.8 55.4 102.8



#54

o-Xylene

Concen: 1.670 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. 0.010 min

Lab File: VV036848.D

Acq: 08 Aug 2024 13:52

Tgt Ion:106 Resp: 9516

Ion Ratio Lower Upper

106 100

91 205.6 154.5 286.9

