

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031909.D
 Acq On : 24 Aug 2023 15:11
 Operator : SY/MD
 Sample : 04154-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 25 00:58:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 25 00:56:34 2023
 Response via : Initial Calibration

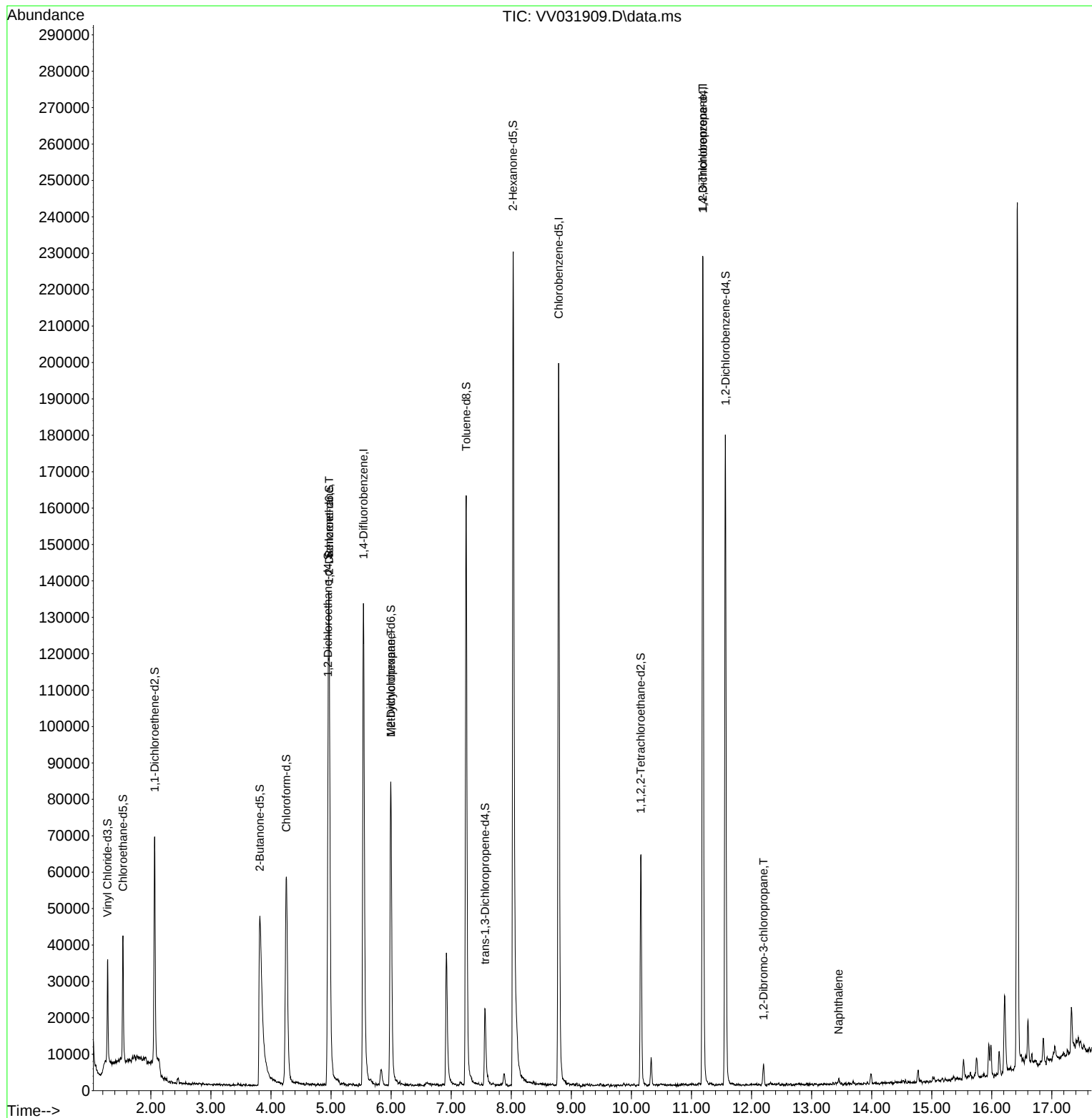
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	115249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	56113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17814	4.577	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.536	69	22451	5.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.063	65	10934	4.773	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	3.815	46	116616	61.890	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.780%	
24) Chloroform-d	4.256	84	63078	4.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	4.950	65	32689	4.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	4.966	84	122979	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	5.995	67	42801	4.976	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.249	98	110337	4.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
43) trans-1,3-Dichloroprop...	7.564	79	14731	4.697	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.031	63	88037	52.649	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.300%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32971	5.343	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	11.567	152	44509	4.898	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						
27) 1,2-Dichloroethane	4.970	62	733	0.099	ug/L #	75
35) Methylcyclohexane	5.995	83	9733	0.927	ug/L #	21
61) 1,2,3-Trichloropropane	11.188	75	7770	1.880	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.201	75	217	0.232	ug/L #	9
71) Naphthalene	13.451	128	1671	0.095	ug/L #	89

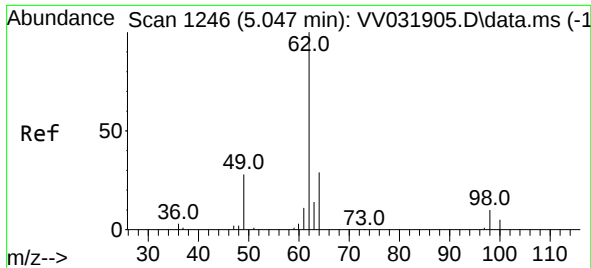
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 4.970 min Scan# 11

Delta R.T. -0.077 min

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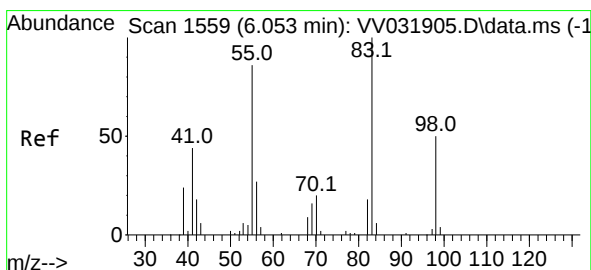
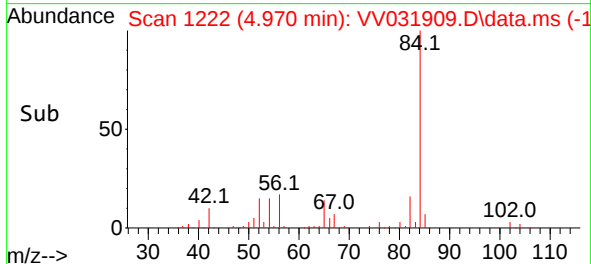
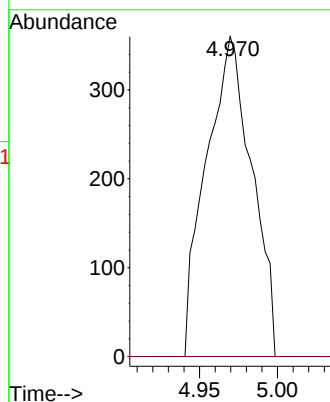
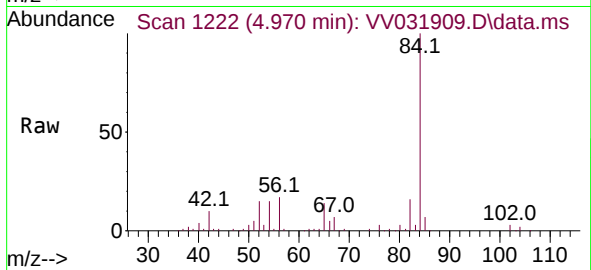
ClientSampleId :

Tgt Ion: 62 Resp: 733

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#35

Methylcyclohexane

Concen: 0.927 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

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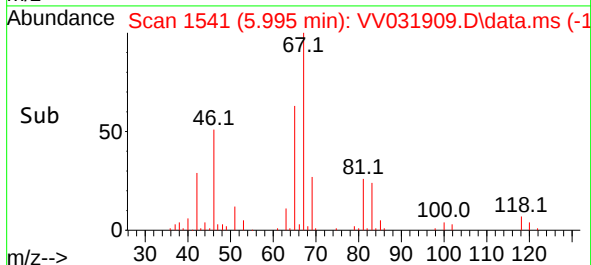
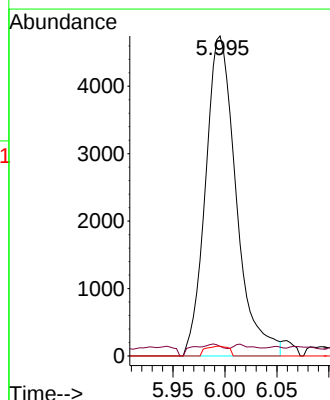
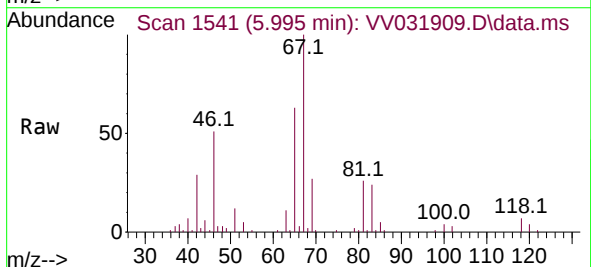
Tgt Ion: 83 Resp: 9733

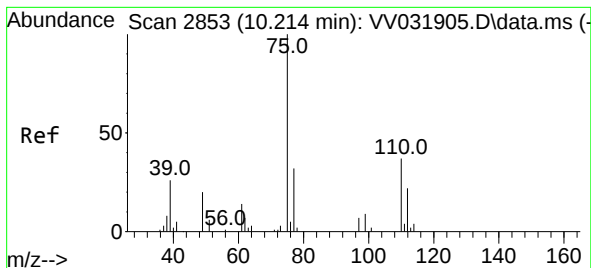
Ion Ratio Lower Upper

83 100

55 3.6 62.6 94.0#

98 2.3 37.8 56.8#





#61

1,2,3-Trichloropropane

Concen: 1.880 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

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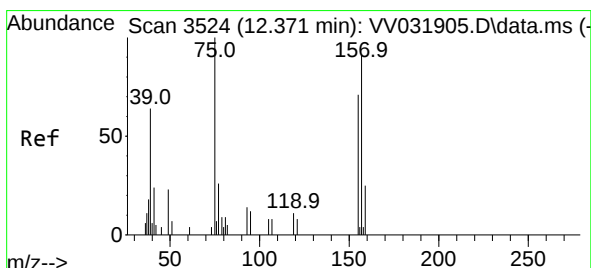
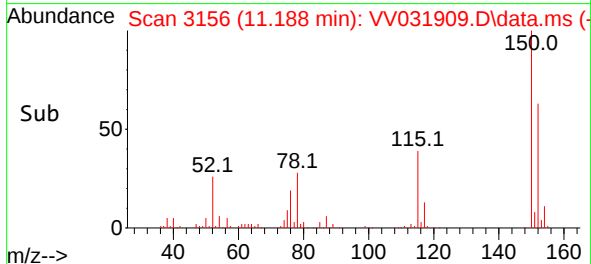
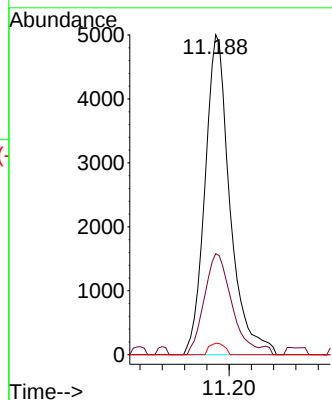
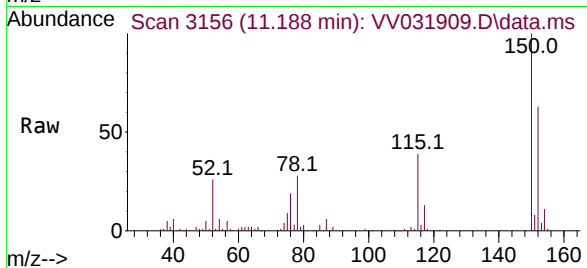
Tgt Ion: 75 Resp: 7770

Ion Ratio Lower Upper

75 100

77 34.6 28.8 43.2

110 2.2 30.2 45.2#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.232 ug/L

RT: 12.201 min Scan# 3471

Delta R.T. -0.170 min

Lab File: VV031909.D

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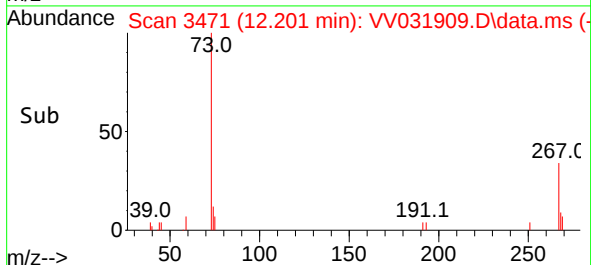
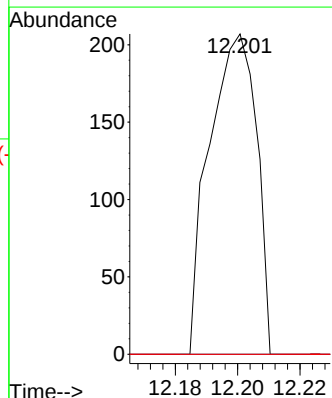
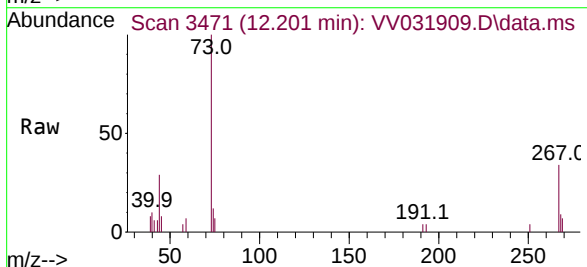
Tgt Ion: 75 Resp: 217

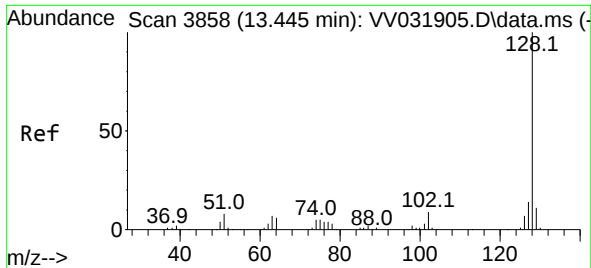
Ion Ratio Lower Upper

75 100

155 0.0 56.1 84.1#

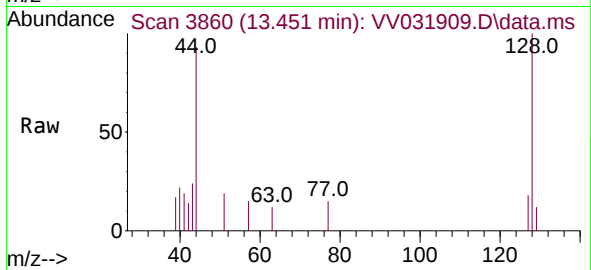
157 0.0 71.1 106.7#





#71
Naphthalene
Concen: 0.095 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
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Acq: 24 Aug 2023 15:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1671
Ion Ratio Lower Upper
128 100
129 5.0 8.9 13.3#
127 10.8 10.8 16.2#

