

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033808.D
 Acq On : 22 Jan 2024 17:23
 Operator : SY/MD
 Sample : P1191-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:46:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

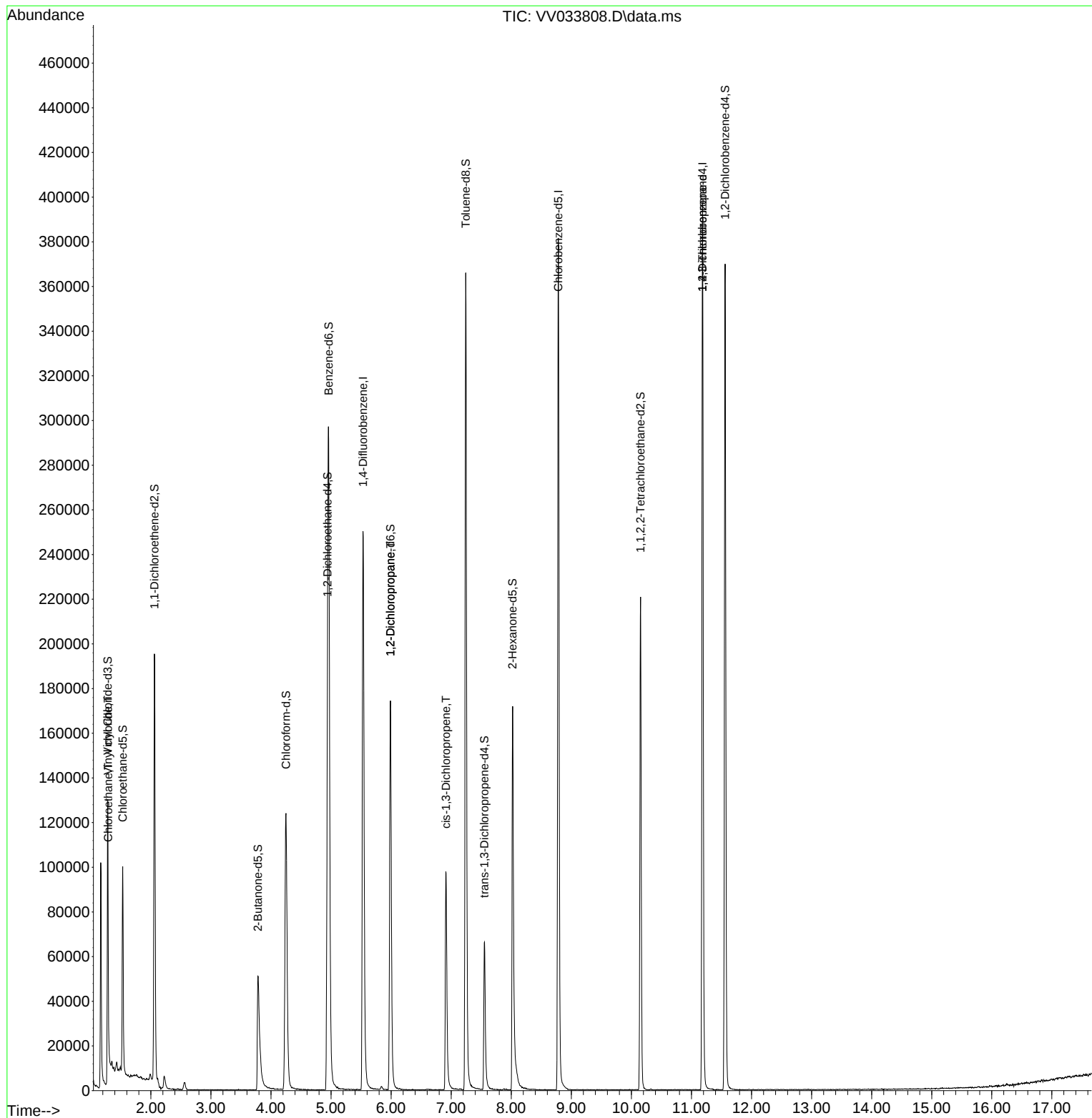
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	214975	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	199978	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	100751	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	69337	41.967	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.940%
7) Chloroethane-d5	1.532	69	59833	45.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.460%
11) 1,1-Dichloroethene-d2	2.059	65	33161	46.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
21) 2-Butanone-d5	3.783	46	81415	71.842	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.840%
24) Chloroform-d	4.249	84	131128	44.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
26) 1,2-Dichloroethane-d4	4.940	65	90623	47.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	4.960	84	261553	46.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
36) 1,2-Dichloropropane-d6	5.989	67	82358	44.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.243	98	238248	46.511	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
43) trans-1,3-Dichloroprop...	7.554	79	39506	42.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.420%
47) 2-Hexanone-d5	8.021	63	59300	76.393	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.390%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	101457	42.467	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	92102	48.182	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.360%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	5494	2.824	ug/L #	1
8) Chloroethane	1.288	64	24381	21.016	ug/L #	65
37) 1,2-Dichloropropane	5.989	63	9902	6.126	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2806	1.040	ug/L #	62
61) 1,2,3-Trichloropropane	11.185	75	12355	6.910	ug/L #	65

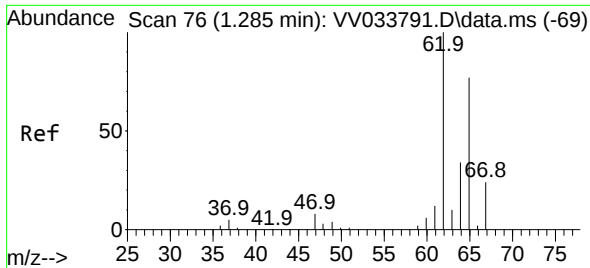
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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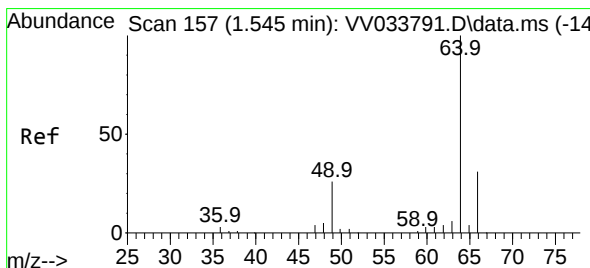
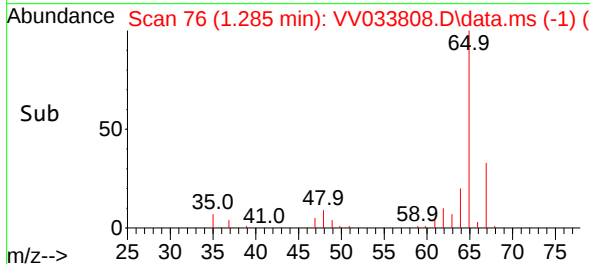
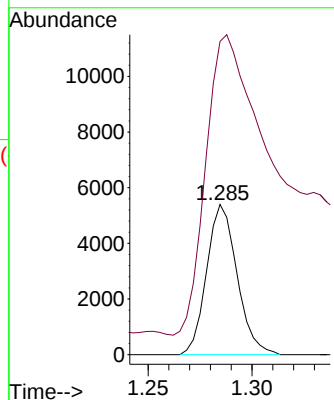
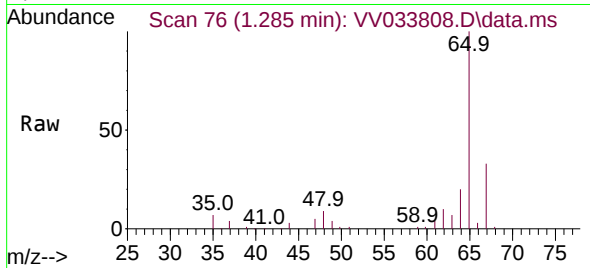




#5
 Vinyl chloride
 Concen: 2.824 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033808.D
 Acq: 22 Jan 2024 17:23

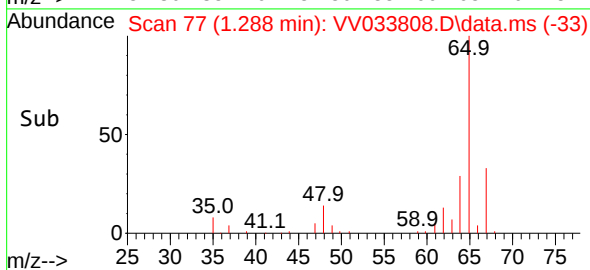
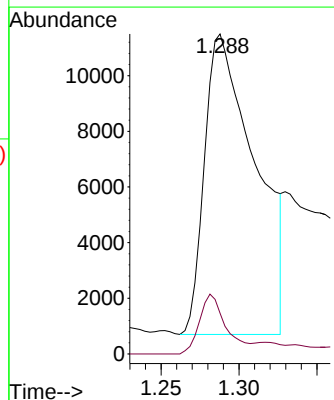
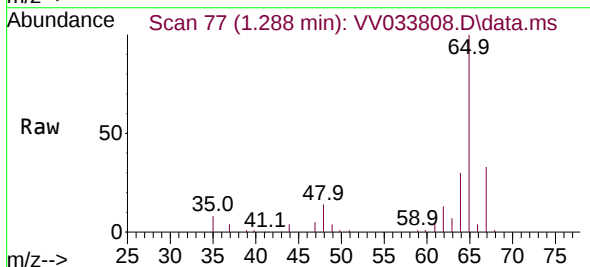
Instrument :
 MSVOA_V
 ClientSampleId :

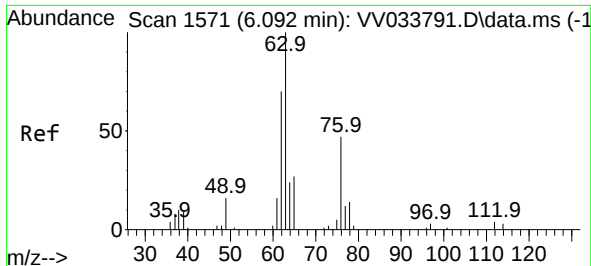
Tgt Ion: 62 Resp: 5494
 Ion Ratio Lower Upper
 62 100
 64 208.6 23.2 43.0#



#8
 Chloroethane
 Concen: 21.016 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.257 min
 Lab File: VV033808.D
 Acq: 22 Jan 2024 17:23

Tgt Ion: 64 Resp: 24381
 Ion Ratio Lower Upper
 64 100
 66 12.7 22.5 41.9#

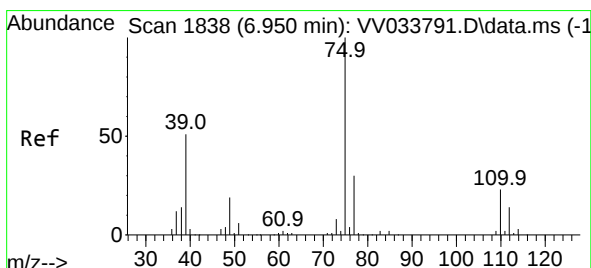
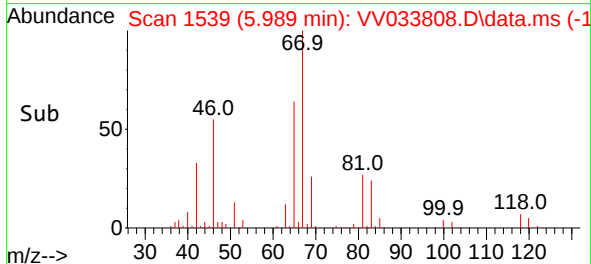
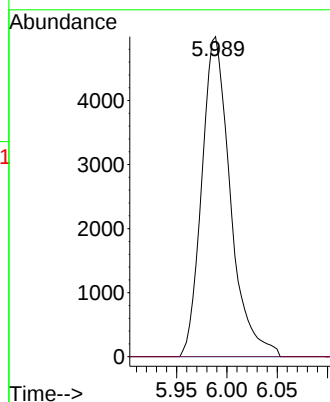
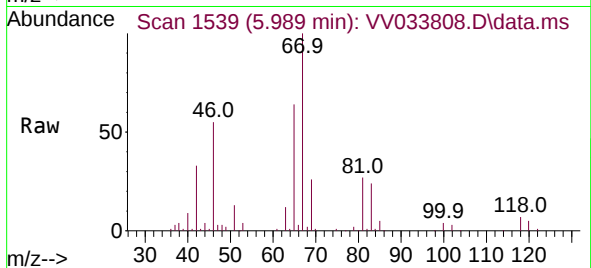




#37
1,2-Dichloropropane
Concen: 6.126 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033808.D
Acq: 22 Jan 2024 17:23

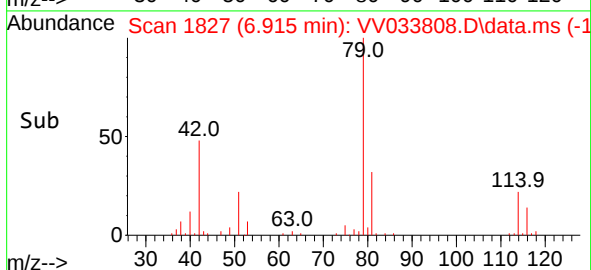
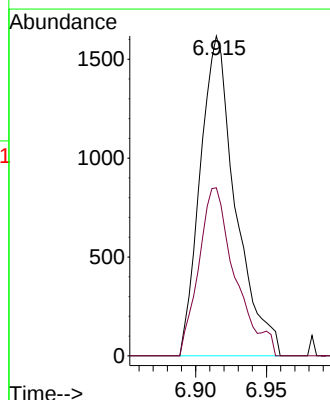
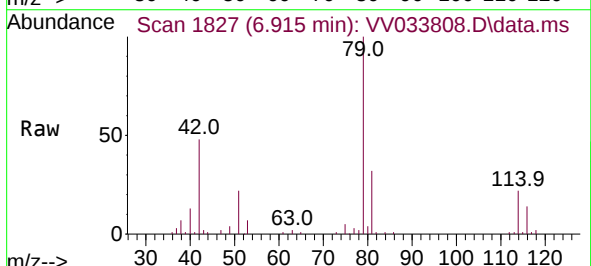
Instrument :
MSVOA_V
ClientSampleId :

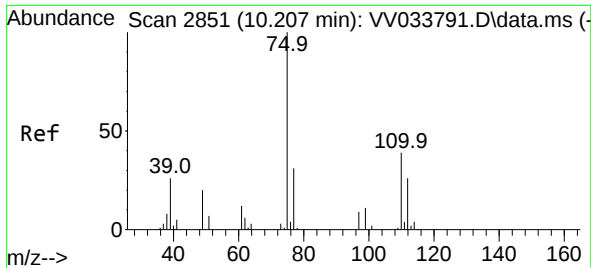
Tgt Ion: 63 Resp: 9902
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.040 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.036 min
Lab File: VV033808.D
Acq: 22 Jan 2024 17:23

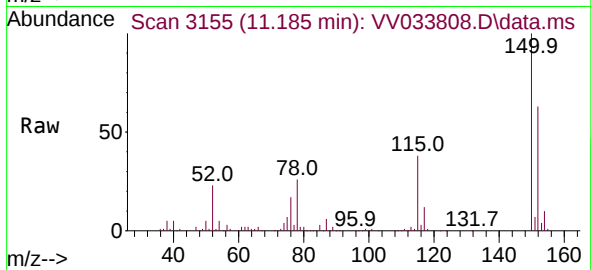
Tgt Ion: 75 Resp: 2806
Ion Ratio Lower Upper
75 100
77 52.5 22.0 41.0#





#61
1,2,3-Trichloropropane
Concen: 6.910 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033808.D
Acq: 22 Jan 2024 17:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.3	37.9
110	2.1	29.5	44.3#

