

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033776.D
 Acq On : 20 Jan 2024 00:46
 Operator : SY/MD
 Sample : P1189-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 01:05:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

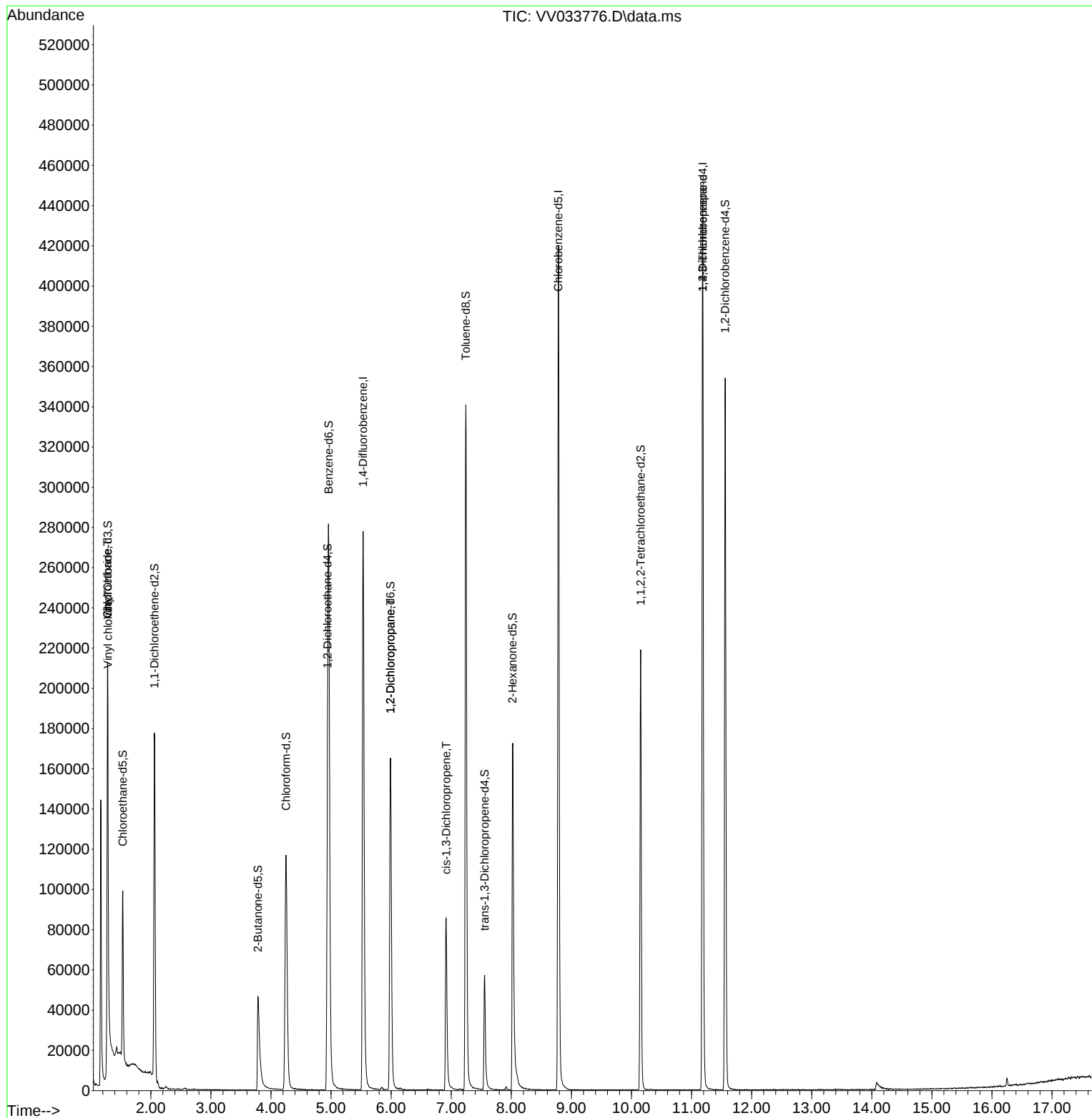
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	232778	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	218970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61918	34.610	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.220%
7) Chloroethane-d5	1.532	69	53786	37.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.920%
11) 1,1-Dichloroethene-d2	2.060	65	30010	38.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.960%
21) 2-Butanone-d5	3.783	46	79584	64.856	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.860%
24) Chloroform-d	4.249	84	124044	38.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	4.941	65	85717	41.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.940%
32) Benzene-d6	4.960	84	243909	39.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.360%
36) 1,2-Dichloropropane-d6	5.989	67	79626	38.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.720%
41) Toluene-d8	7.243	98	225428	40.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.380%
43) trans-1,3-Dichloroprop...	7.555	79	33138	32.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.440%
47) 2-Hexanone-d5	8.021	63	60991	71.756	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.760%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	102030	39.003	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	87878	42.158	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.320%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	8507	4.038	ug/L #	1
8) Chloroethane	1.278	64	154259	122.802	ug/L #	55
37) 1,2-Dichloropropane	5.989	63	9413	5.319	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2376	0.804	ug/L #	57
61) 1,2,3-Trichloropropane	11.185	75	13904	7.131	ug/L #	66

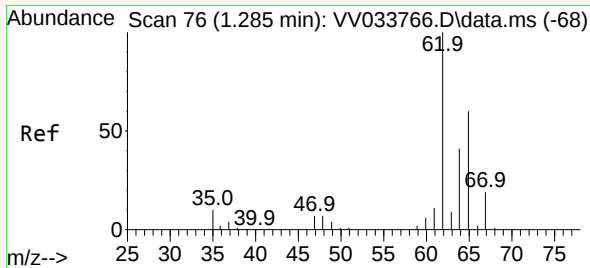
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

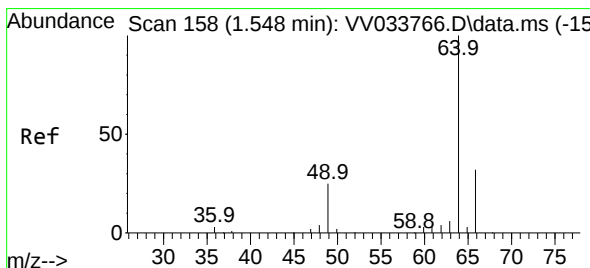
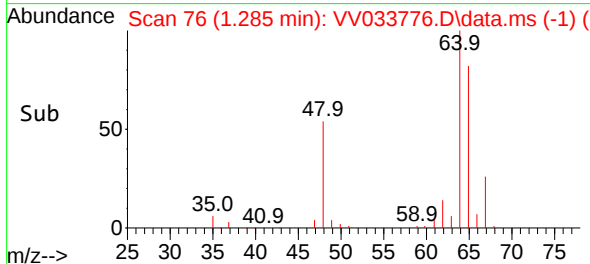
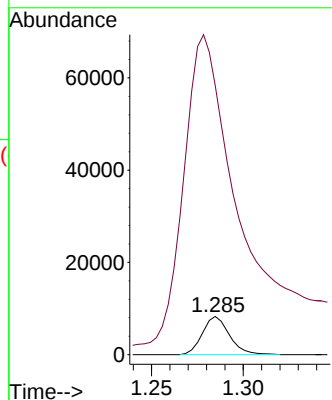
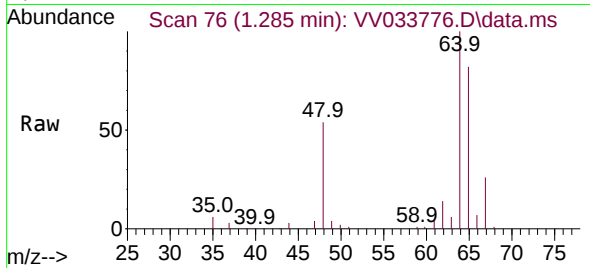




#5
 Vinyl chloride
 Concen: 4.038 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV033776.D
 Acq: 20 Jan 2024 00:46

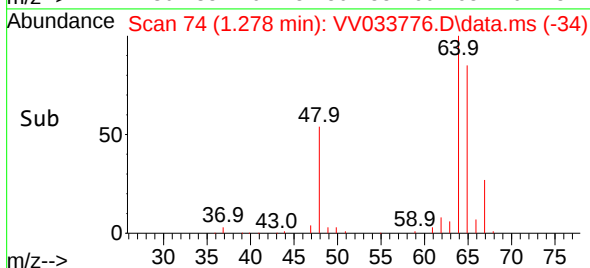
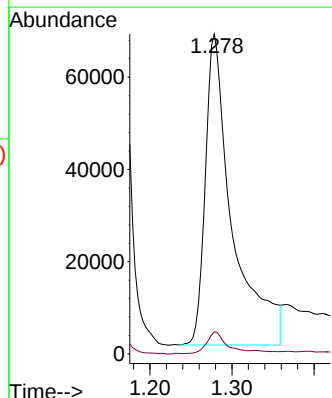
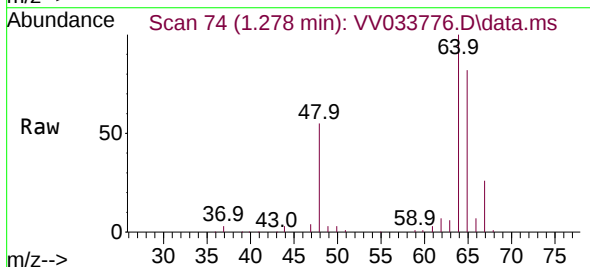
Instrument : MSVOA_V
 ClientSampleId :

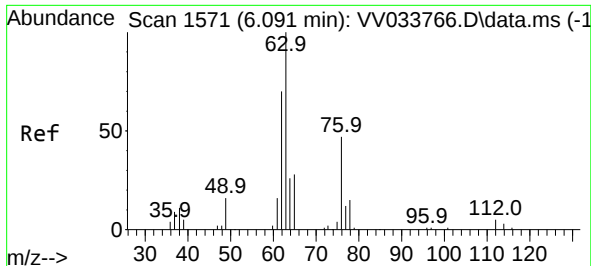
Tgt Ion: 62 Resp: 8507
 Ion Ratio Lower Upper
 62 100
 64 704.5 23.2 43.0#



#8
 Chloroethane
 Concen: 122.802 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.270 min
 Lab File: VV033776.D
 Acq: 20 Jan 2024 00:46

Tgt Ion: 64 Resp: 154259
 Ion Ratio Lower Upper
 64 100
 66 6.9 22.5 41.9#





#37

1,2-Dichloropropane

Concen: 5.319 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV033776.D

Acq: 20 Jan 2024 00:46

Instrument :

MSVOA_V

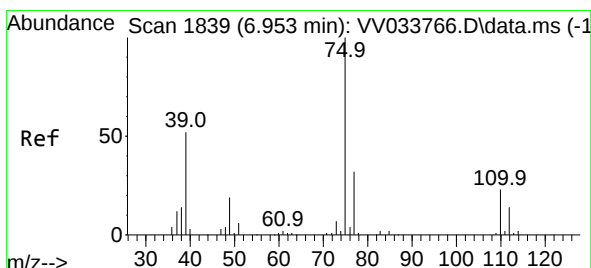
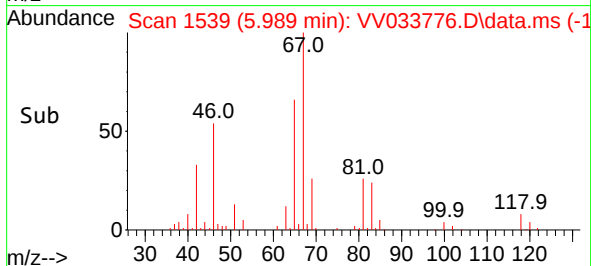
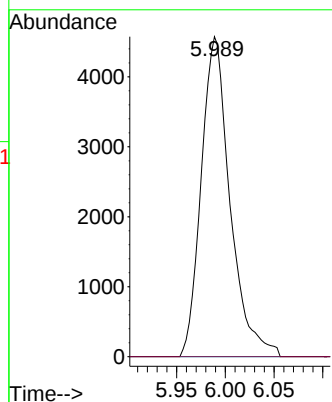
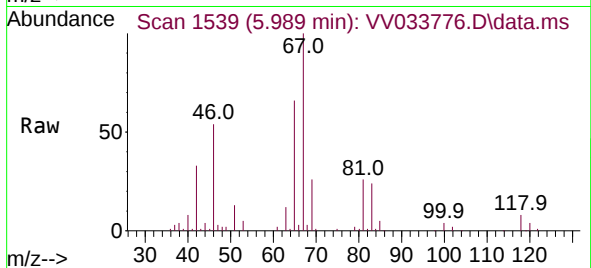
ClientSampleId :

Tgt Ion: 63 Resp: 9413

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.804 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.038 min

Lab File: VV033776.D

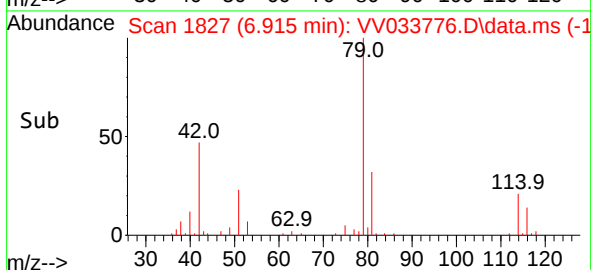
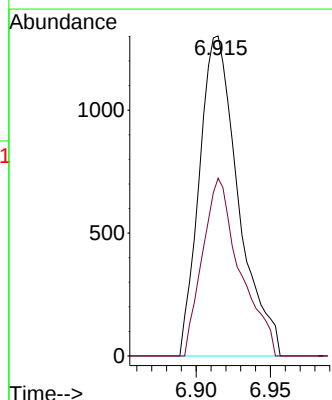
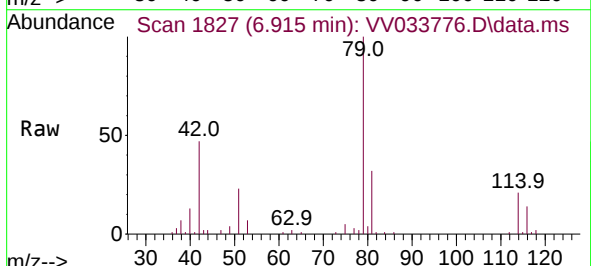
Acq: 20 Jan 2024 00:46

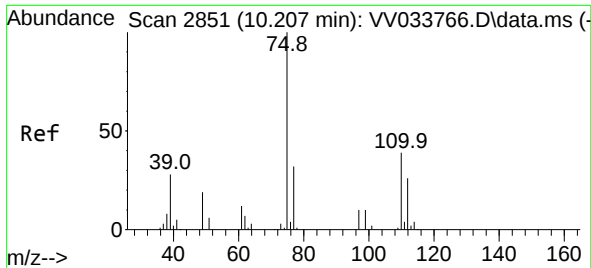
Tgt Ion: 75 Resp: 2376

Ion Ratio Lower Upper

75 100

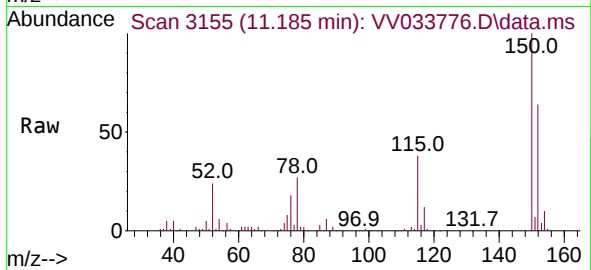
77 55.5 22.0 41.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.131 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV033776.D
 Acq: 20 Jan 2024 00:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 13904
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.3 37.9
 110 2.5 29.5 44.3#

