

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028459.D
 Acq On : 09 Oct 2022 00:15
 Operator : SY/MD
 Sample : N4923-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10026

Quant Time: Oct 09 05:54:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

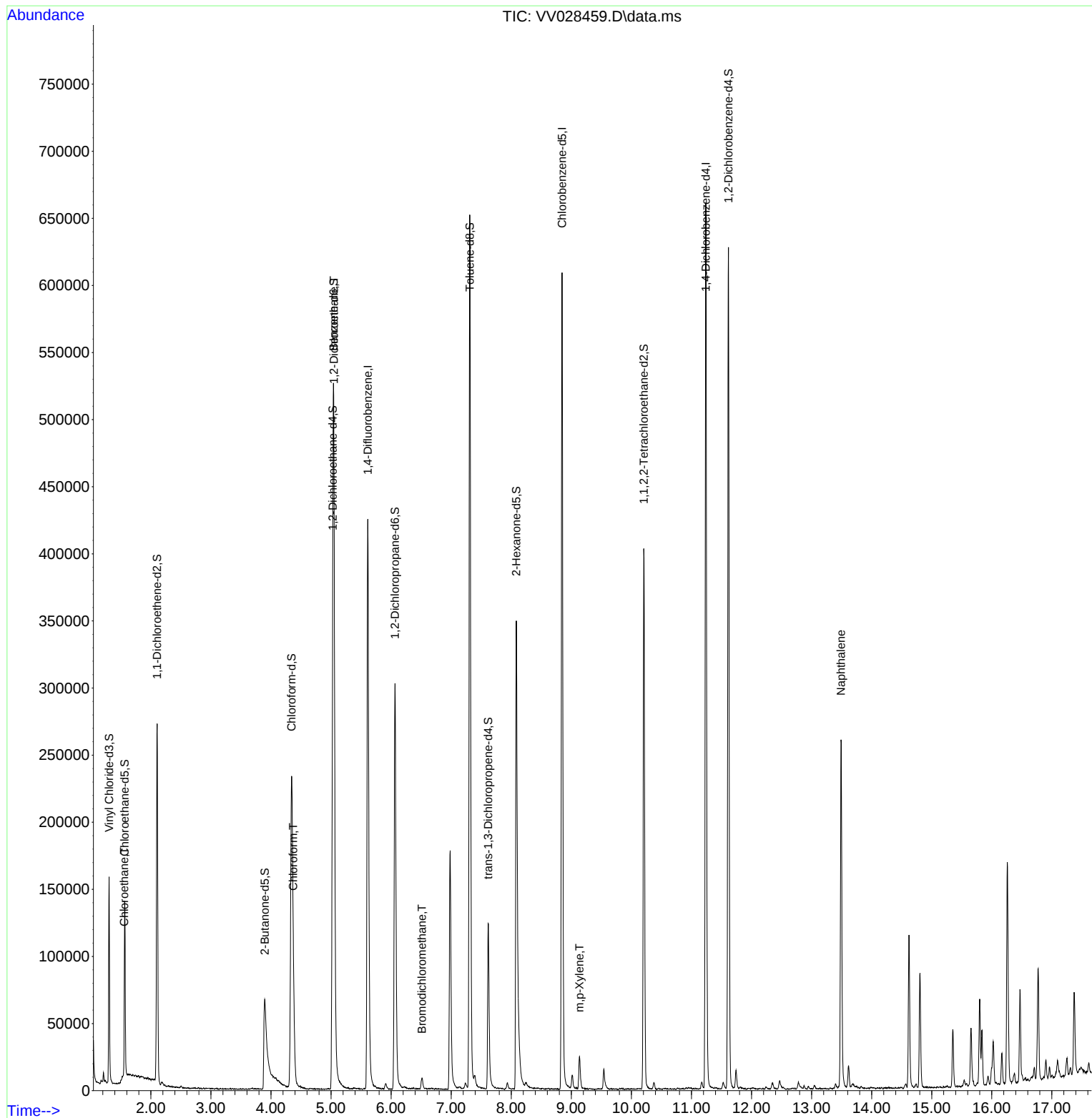
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	364237	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	329821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	166982	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99052	35.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.480%		
7) Chloroethane-d5	1.564	69	81110	36.397	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.800%		
11) 1,1-Dichloroethene-d2	2.105	63	140268	29.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.640%#		
21) 2-Butanone-d5	3.895	46	151884	61.734	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	61.730%		
24) Chloroform-d	4.342	84	224606	43.575	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.140%		
26) 1,2-Dichloroethane-d4	5.027	65	148353	44.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.260%		
32) Benzene-d6	5.043	84	459877	43.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.020%		
36) 1,2-Dichloropropane-d6	6.066	67	145905	42.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.680%		
41) Toluene-d8	7.310	98	422263	44.626	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.260%		
43) trans-1,3-Dichloroprop...	7.616	79	72565	41.316	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.640%		
47) 2-Hexanone-d5	8.085	63	142151	75.836	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.840%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	192529	40.831	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.660%		
66) 1,2-Dichlorobenzene-d4	11.615	152	159345	46.054	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.100%		
Target Compounds						Qvalue
8) Chloroethane	1.558	64	12224	6.499	ug/L	# 54
25) Chloroform	4.371	83	69076	13.939	ug/L	98
27) 1,2-Dichloroethane	5.047	62	2786	0.734	ug/L	96
38) Bromodichloromethane	6.513	83	6156	1.625	ug/L	100
53) m,p-Xylene	9.136	106	7648	1.656	ug/L	90
71) Naphthalene	13.490	128	204977	18.705	ug/L	99

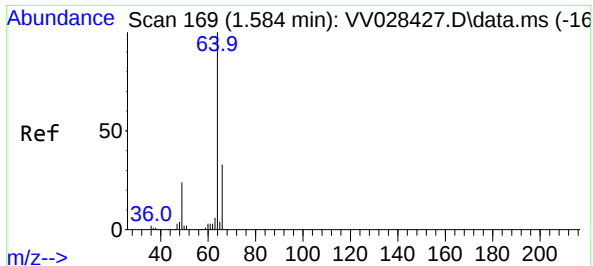
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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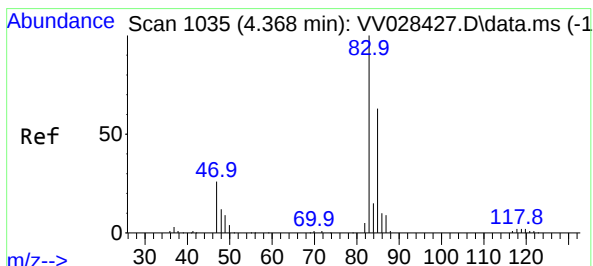
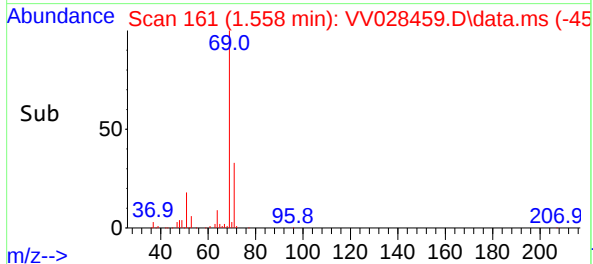
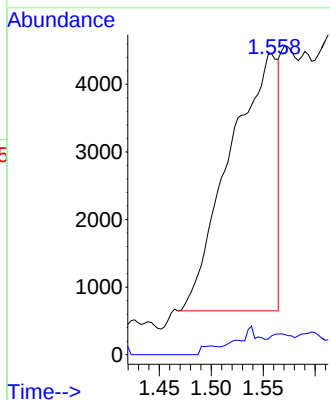
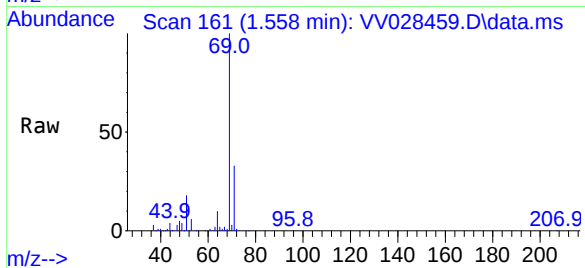




#8
Chloroethane
Concen: 6.499 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.026 min
Lab File: VV028459.D
Acq: 09 Oct 2022 00:15

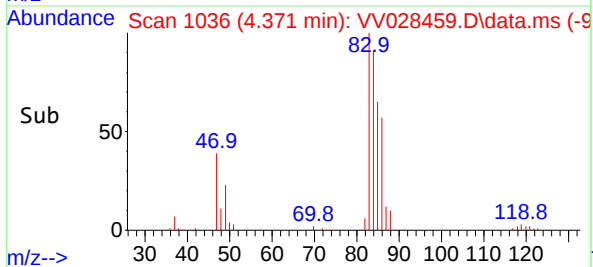
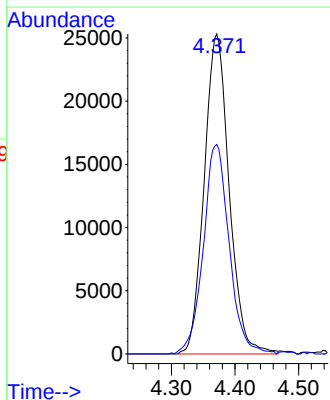
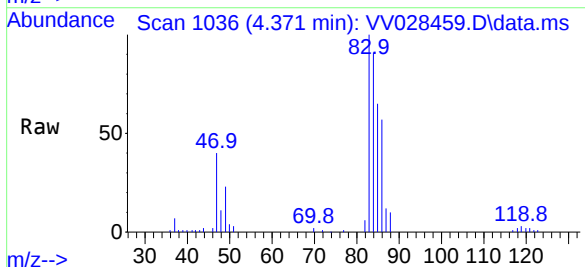
Instrument :
MSVOA_V
ClientSampleId :
E10026

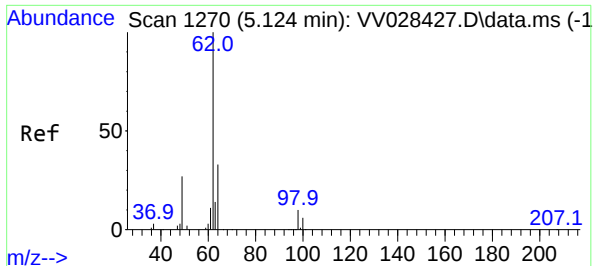
Tgt Ion: 64 Resp: 12224
Ion Ratio Lower Upper
64 100
66 6.2 22.2 41.2#



#25
Chloroform
Concen: 13.939 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028459.D
Acq: 09 Oct 2022 00:15

Tgt Ion: 83 Resp: 69076
Ion Ratio Lower Upper
83 100
85 65.5 44.5 82.7

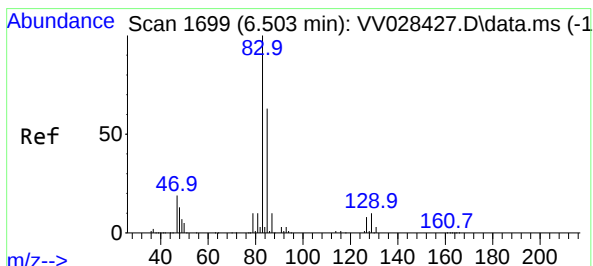
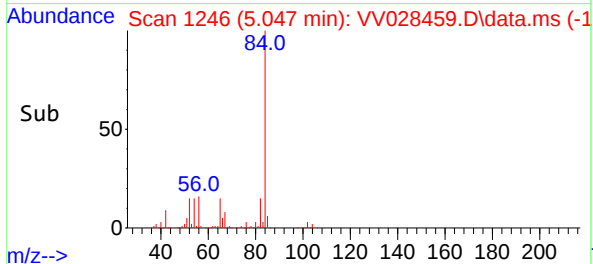
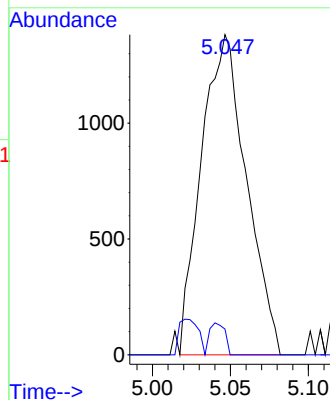
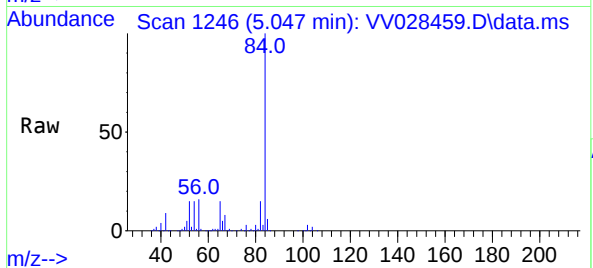




#27
1,2-Dichloroethane
Concen: 0.734 ug/L
RT: 5.047 min Scan# 1702
Delta R.T. -0.077 min
Lab File: VV028459.D
Acq: 09 Oct 2022 00:15

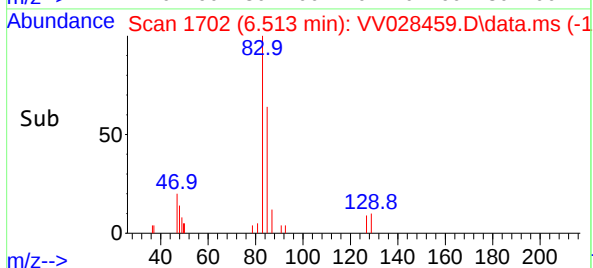
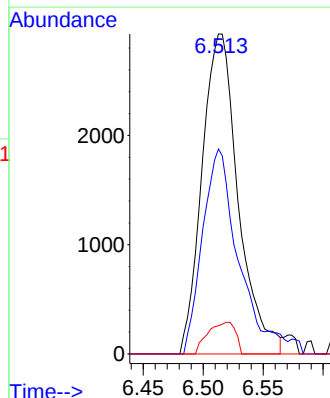
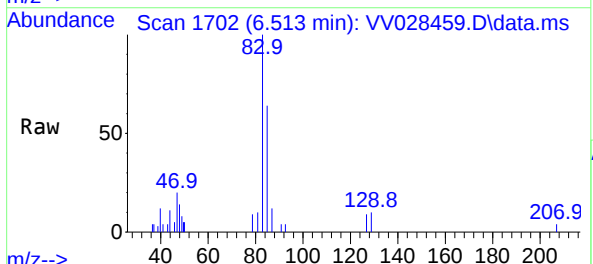
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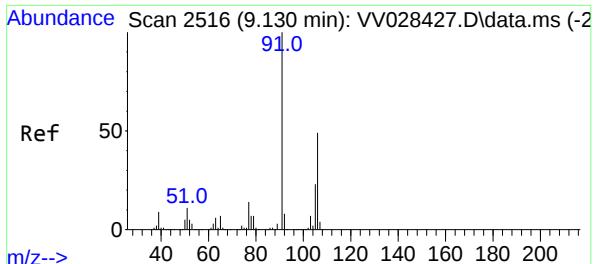
Tgt Ion: 62 Resp: 2786
Ion Ratio Lower Upper
62 100
98 8.0 7.6 11.4



#38
Bromodichloromethane
Concen: 1.625 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.009 min
Lab File: VV028459.D
Acq: 09 Oct 2022 00:15

Tgt Ion: 83 Resp: 6156
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
127 8.8 7.0 10.4





#53

m,p-Xylene

Concen: 1.656 ug/L

RT: 9.136 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV028459.D

Acq: 09 Oct 2022 00:15

Instrument :

MSVOA_V

ClientSampleId :

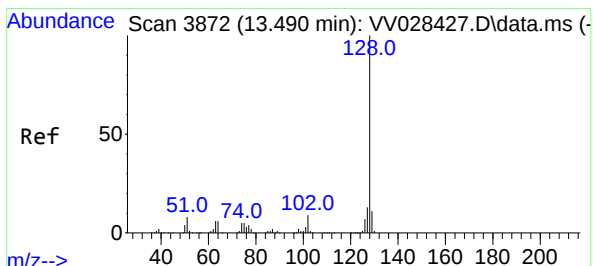
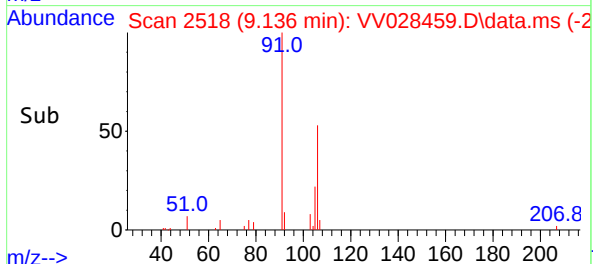
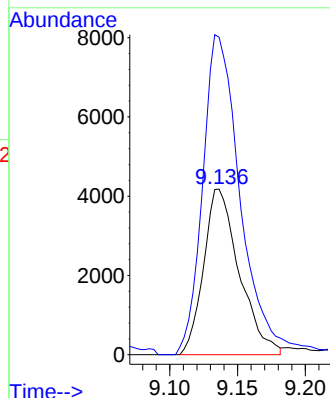
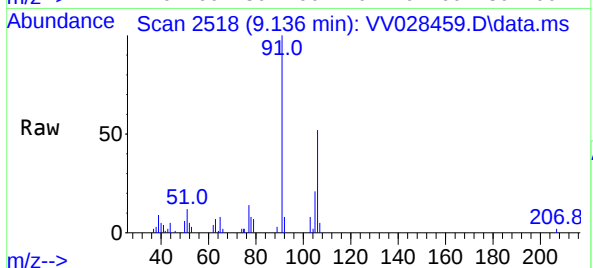
E10026

Tgt Ion:106 Resp: 7648

Ion Ratio Lower Upper

106 100

91 191.7 145.2 269.6



#71

Naphthalene

Concen: 18.705 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. -0.000 min

Lab File: VV028459.D

Acq: 09 Oct 2022 00:15

Tgt Ion:128 Resp: 204977

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.9 13.3

