

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037631.D
 Acq On : 28 Sep 2024 00:35
 Operator : SY/MD
 Sample : P4185-12
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:22:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

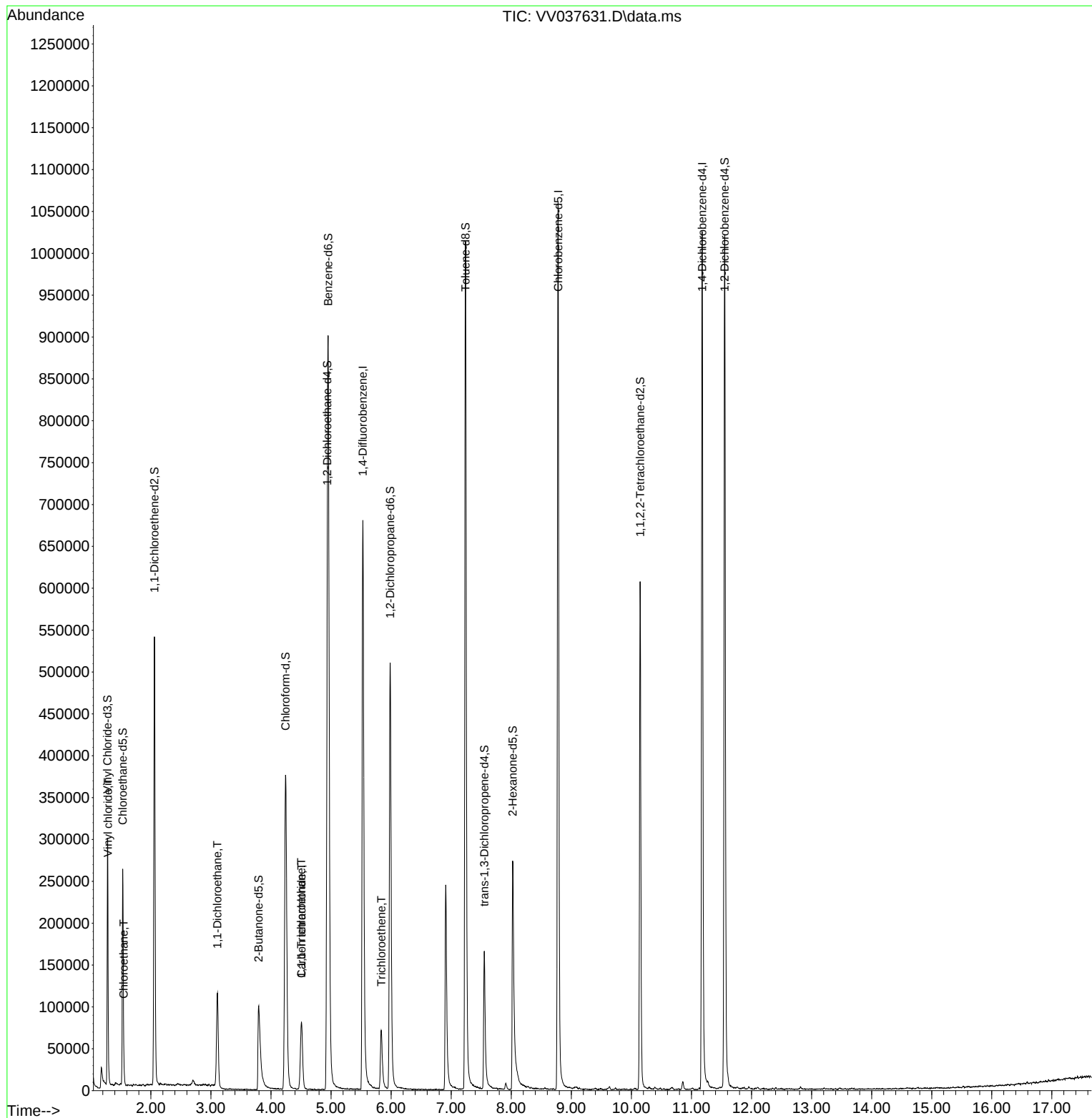
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	607148	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	593729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	269300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192300	36.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.160%		
7) Chloroethane-d5	1.532	69	168139	40.642	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.280%		
11) 1,1-Dichloroethene-d2	2.060	65	89200	40.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.120%		
21) 2-Butanone-d5	3.793	46	158753	83.626	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.630%		
24) Chloroform-d	4.243	84	409755	43.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.420%		
26) 1,2-Dichloroethane-d4	4.937	65	245228	44.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.360%		
32) Benzene-d6	4.953	84	795608	42.823	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.640%		
36) 1,2-Dichloropropane-d6	5.986	67	261610	44.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.440%		
41) Toluene-d8	7.240	98	698734	41.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.960%		
43) trans-1,3-Dichloroprop...	7.551	79	103777	37.761	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.520%		
47) 2-Hexanone-d5	8.024	63	92895	74.361	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.360%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	293926	42.759	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.520%		
66) 1,2-Dichlorobenzene-d4	11.554	152	271312	47.811	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.620%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5537	1.029	ug/L	# 14
8) Chloroethane	1.548	64	5860	1.767	ug/L	91
19) 1,1-Dichloroethane	3.108	63	109885	13.412	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	69305	9.478	ug/L	99
31) Carbon tetrachloride	4.510	117	8469	1.332	ug/L	94
34) Trichloroethene	5.838	95	27002	5.662	ug/L	94

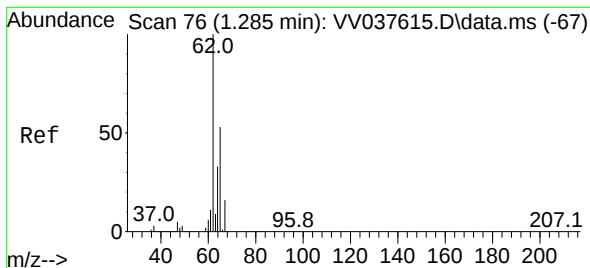
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.029 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

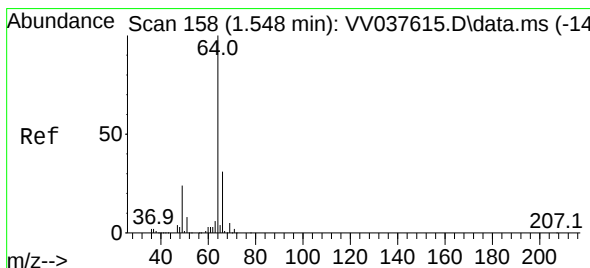
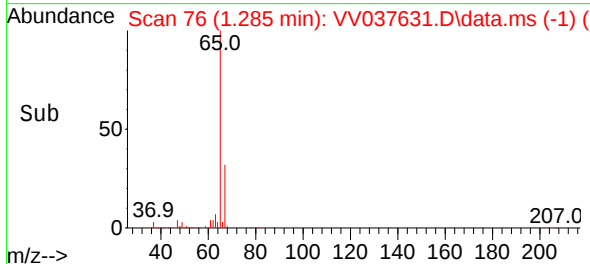
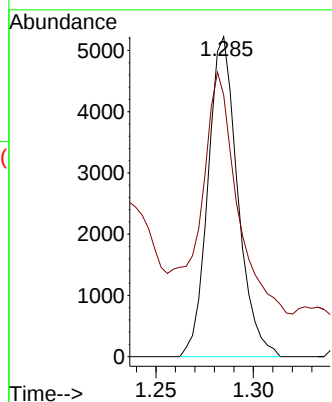
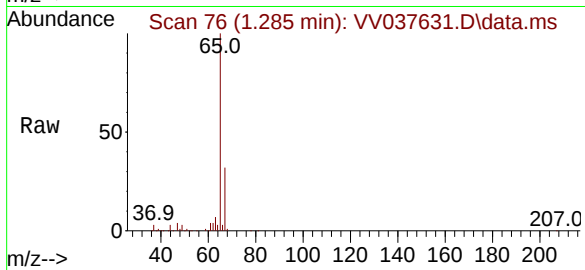
ClientSampleId :

Tgt Ion: 62 Resp: 5537

Ion Ratio Lower Upper

62 100

64 81.7 23.2 43.0#



#8

Chloroethane

Concen: 1.767 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037631.D

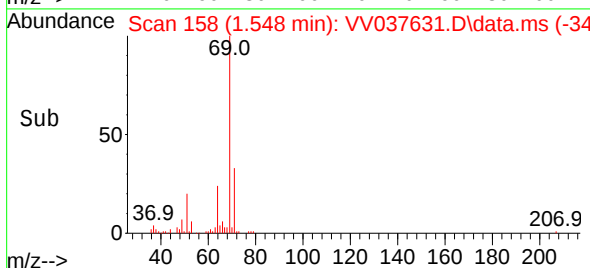
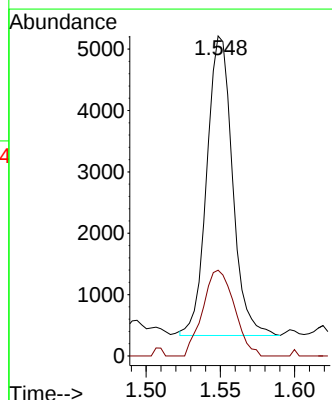
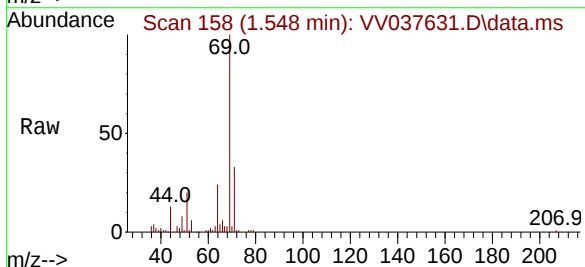
Acq: 28 Sep 2024 00:35

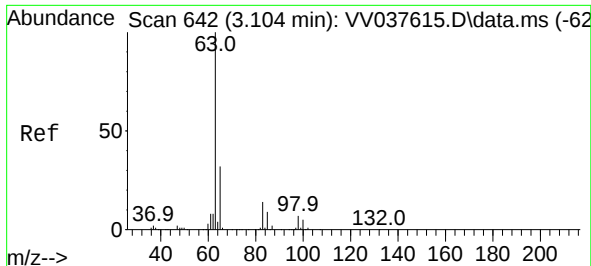
Tgt Ion: 64 Resp: 5860

Ion Ratio Lower Upper

64 100

66 26.8 22.2 41.2





#19

1,1-Dichloroethane

Concen: 13.412 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037631.D

Acq: 28 Sep 2024 00:35

Instrument :

MSVOA_V

ClientSampleId :

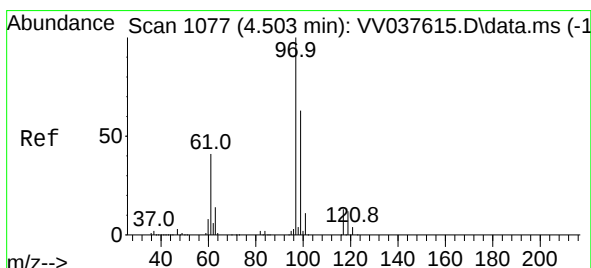
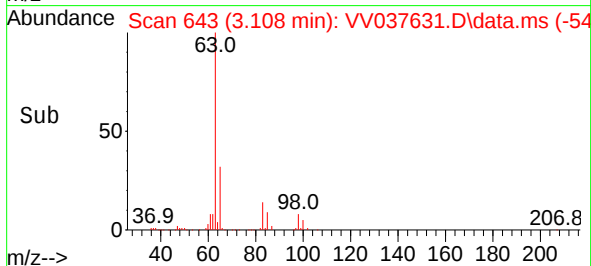
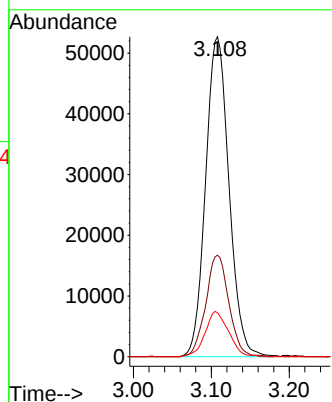
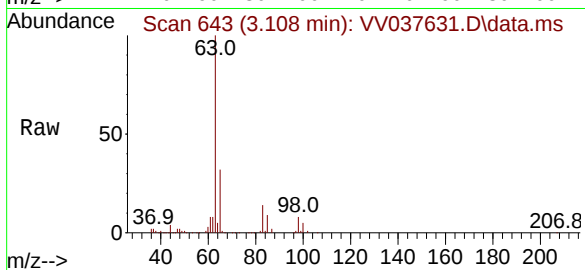
Tgt Ion: 63 Resp: 109885

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 13.7 9.5 17.7



#30

1,1,1-Trichloroethane

Concen: 9.478 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037631.D

Acq: 28 Sep 2024 00:35

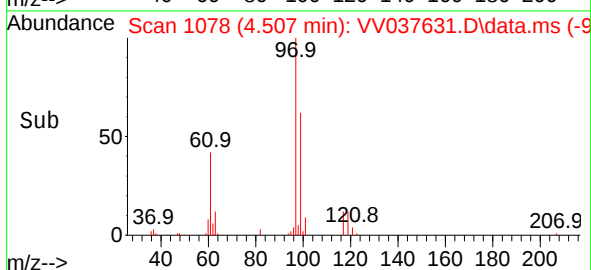
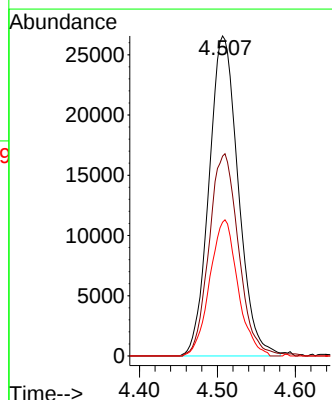
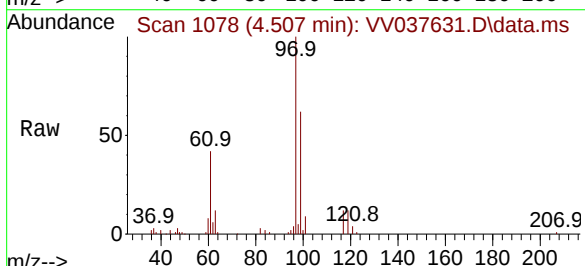
Tgt Ion: 97 Resp: 69305

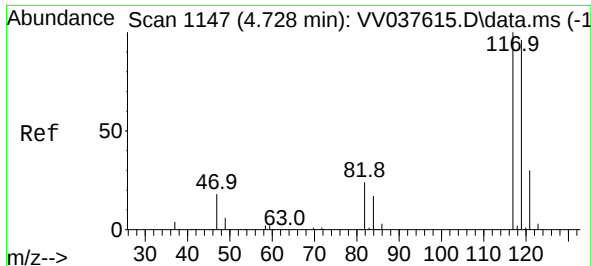
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.6

61 40.9 33.6 50.4

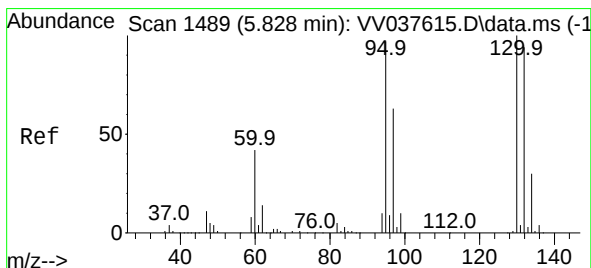
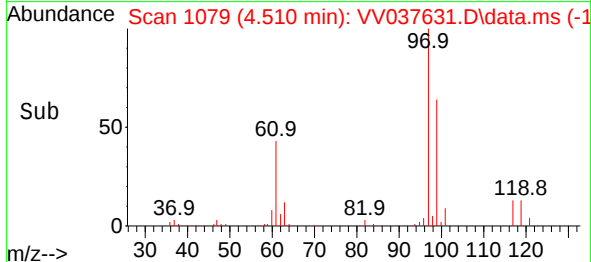
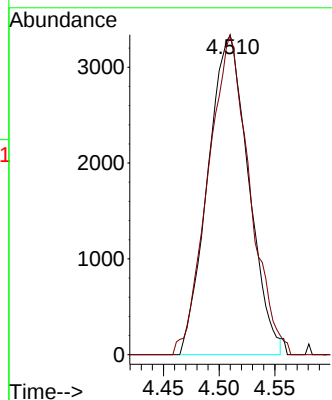
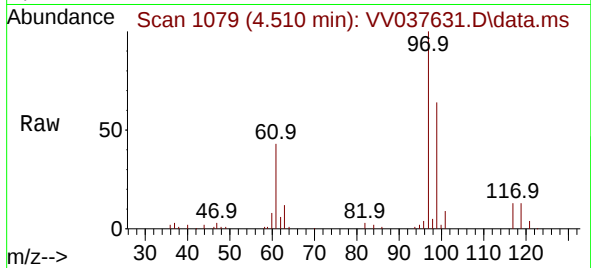




#31
Carbon tetrachloride
Concen: 1.332 ug/L
RT: 4.510 min Scan# 1147
Delta R.T. -0.218 min
Lab File: VV037631.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 8469
Ion Ratio Lower Upper
117 100
119 102.0 76.9 115.3



#34
Trichloroethene
Concen: 5.662 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV037631.D
Acq: 28 Sep 2024 00:35

Tgt Ion: 95 Resp: 27002
Ion Ratio Lower Upper
95 100
97 62.2 46.3 85.9
132 88.1 68.6 127.4
130 98.8 70.9 131.7

