

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030467.D
 Acq On : 10 Apr 2023 14:40
 Operator : SY/MD
 Sample : 02225-13DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1DL

Quant Time: Apr 11 06:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

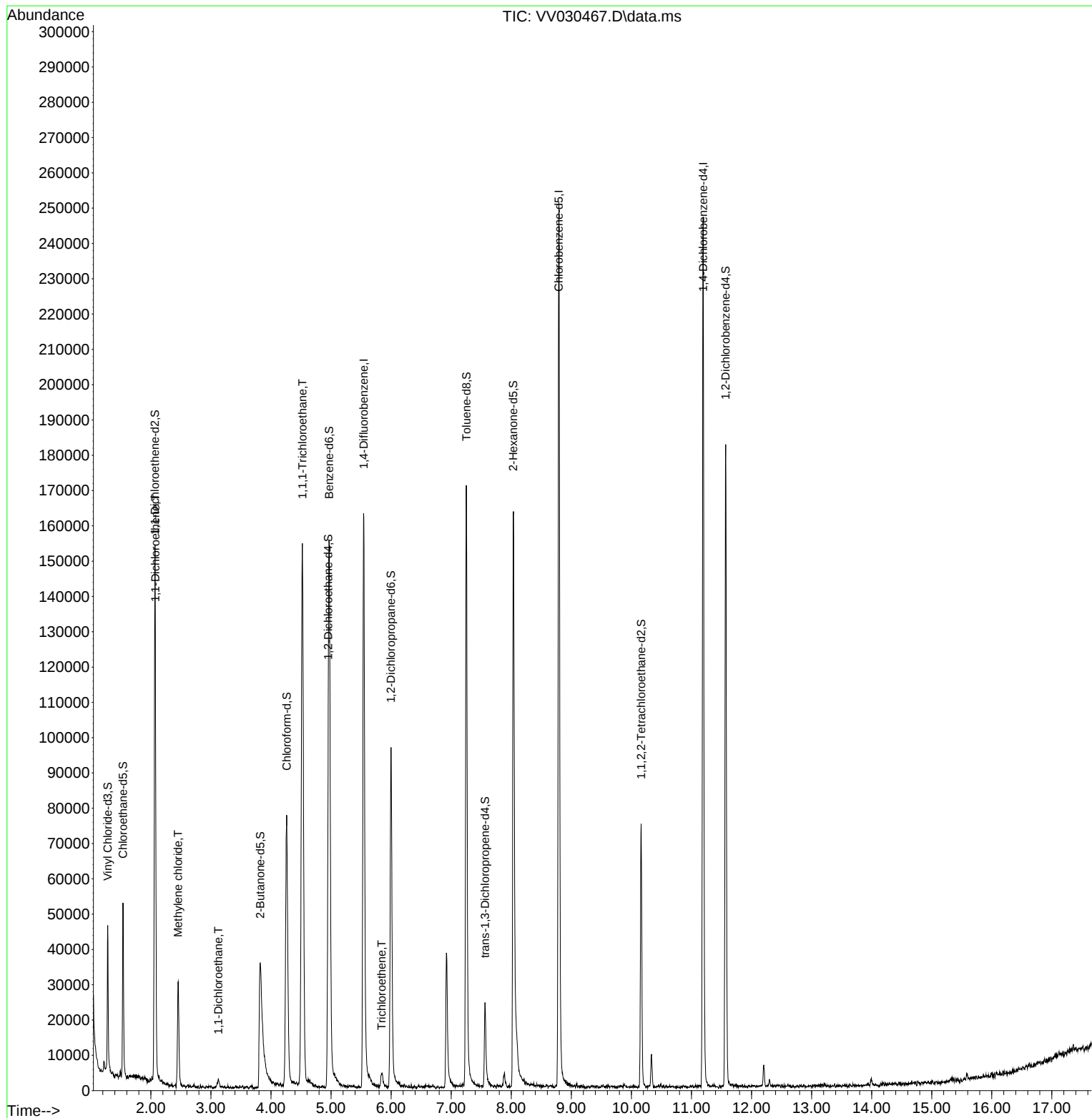
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	142383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	141770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26595	2.820	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.400%	
7) Chloroethane-d5	1.536	69	30058	3.285	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.600%	
11) 1,1-Dichloroethene-d2	2.066	63	63040	2.817	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.400%#	
20) 2-Butanone-d5	3.822	46	79489	32.612	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	65.220%	
24) Chloroform-d	4.262	84	80670	3.534	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.600%	
26) 1,2-Dichloroethane-d4	4.953	65	40134	3.727	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
32) Benzene-d6	4.970	84	138515	3.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.400%#	
36) 1,2-Dichloropropane-d6	5.998	67	44635	3.569	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	71.400%	
41) Toluene-d8	7.252	98	116876	3.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.800%#	
43) trans-1,3-Dichloroprop...	7.564	79	14924	3.169	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.400%	
46) 2-Hexanone-d5	8.034	63	60418	31.929	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	63.860%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33530	3.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	68.000%	
66) 1,2-Dichlorobenzene-d4	11.571	152	47530	3.984	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.600%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	23582	1.982	ug/L	84
16) Methylene chloride	2.455	84	12098	0.860	ug/L	92
19) 1,1-Dichloroethane	3.124	63	2430	0.100	ug/L	92
29) 1,1,1-Trichloroethane	4.523	97	124988	5.485	ug/L	99
34) Trichloroethene	5.844	95	1302	0.096	ug/L	78

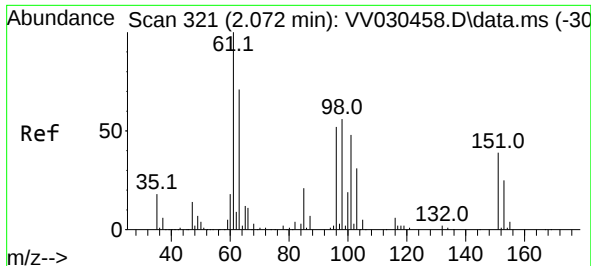
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 11 06:24:59 2023
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#12

1,1-Dichloroethene

Concen: 1.982 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

C0AB1DL

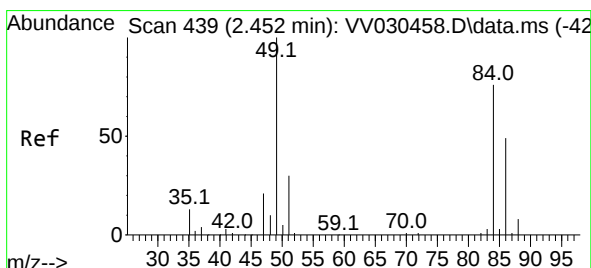
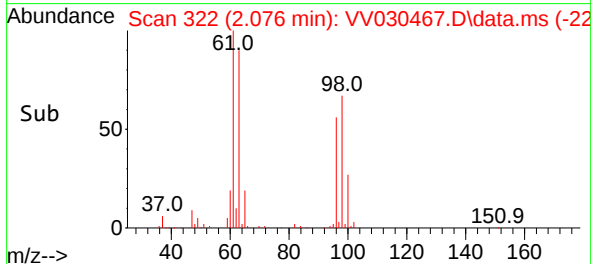
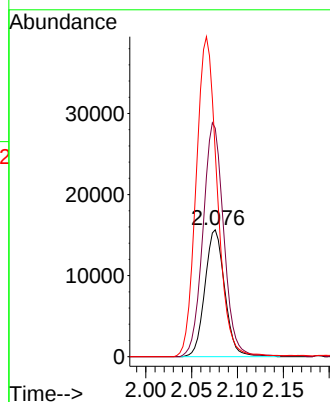
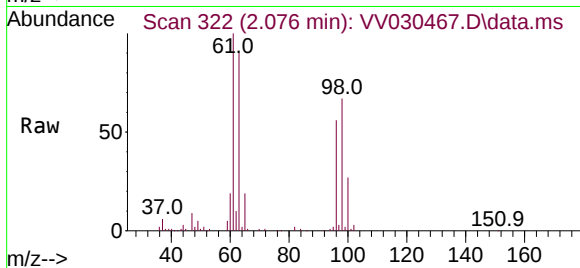
Tgt Ion: 96 Resp: 23582

Ion Ratio Lower Upper

96 100

61 180.0 136.3 253.1

63 161.3 92.1 171.1



#16

Methylene chloride

Concen: 0.860 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

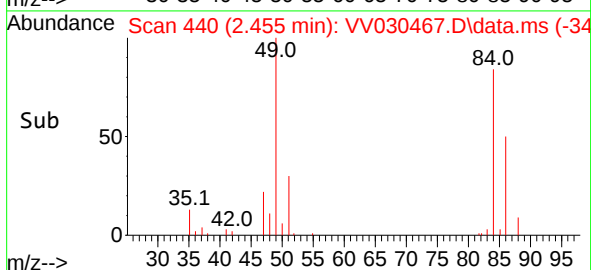
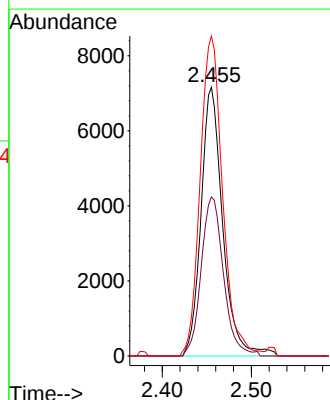
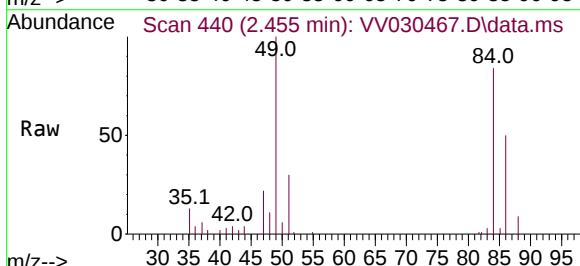
Tgt Ion: 84 Resp: 12098

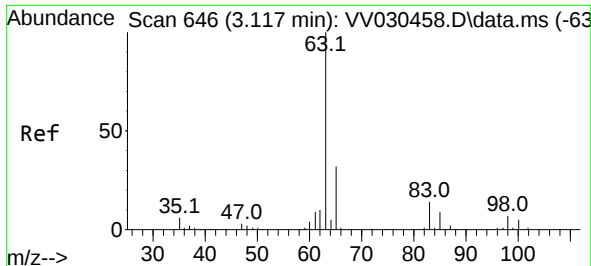
Ion Ratio Lower Upper

84 100

86 59.2 44.0 81.6

49 119.0 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.100 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

ClientSampleId :

C0AB1DL

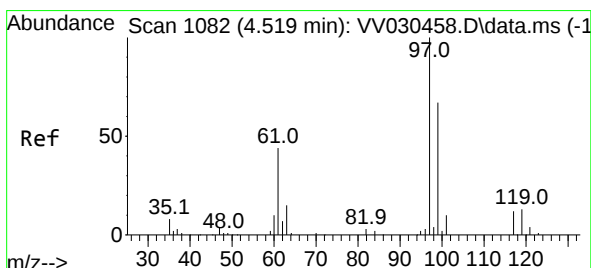
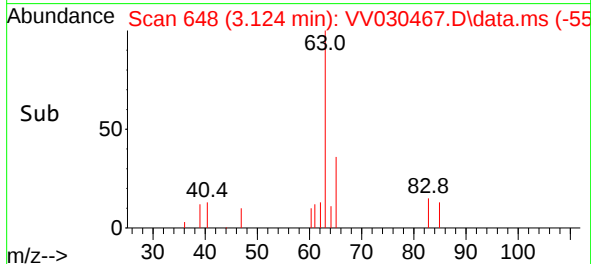
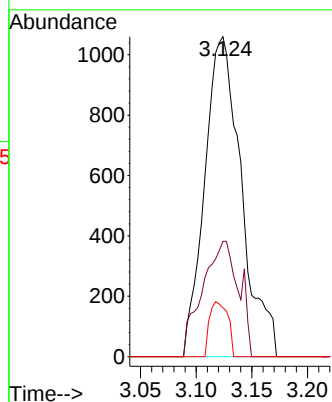
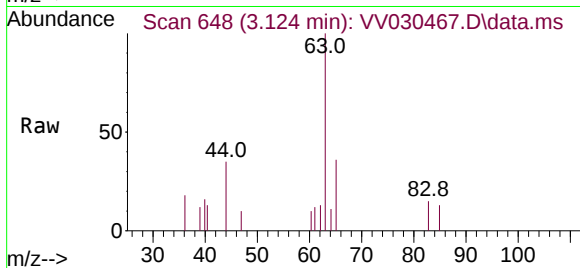
Tgt Ion: 63 Resp: 2430

Ion Ratio Lower Upper

63 100

65 36.0 21.7 40.3

83 15.3 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 5.485 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

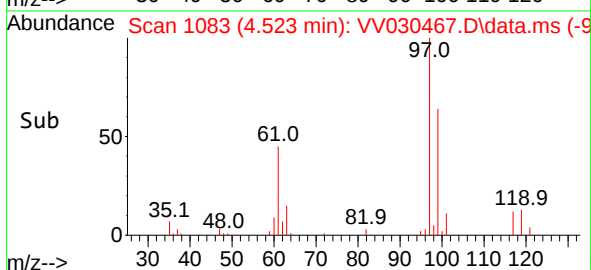
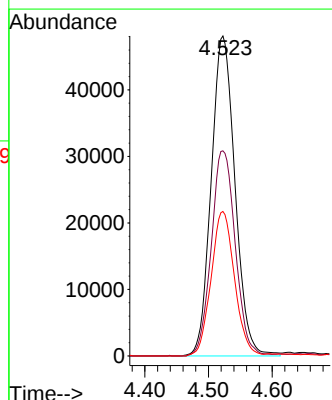
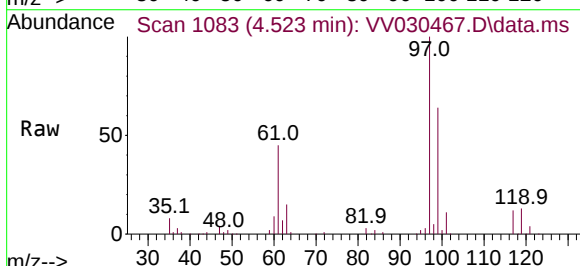
Tgt Ion: 97 Resp: 124988

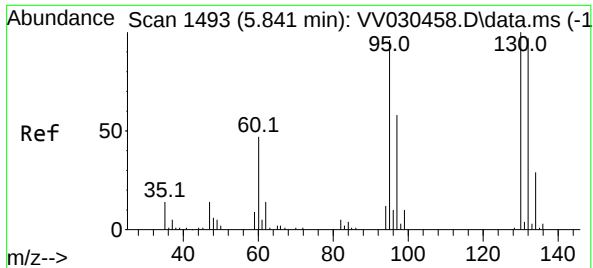
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 44.4 35.9 53.9





#34
 Trichloroethene
 Concen: 0.096 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.003 min
 Lab File: VV030467.D
 Acq: 10 Apr 2023 14:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1DL

Tgt Ion: 95	Resp:	1302	
Ion	Ratio	Lower	Upper
95	100		
97	54.4	44.2	82.2
132	75.3	69.5	129.1
130	76.4	72.2	134.0

