

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030267.D
 Acq On : 20 Mar 2023 19:10
 Operator : SY/MD
 Sample : 01996-06DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A27DL

Quant Time: Mar 21 02:58:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

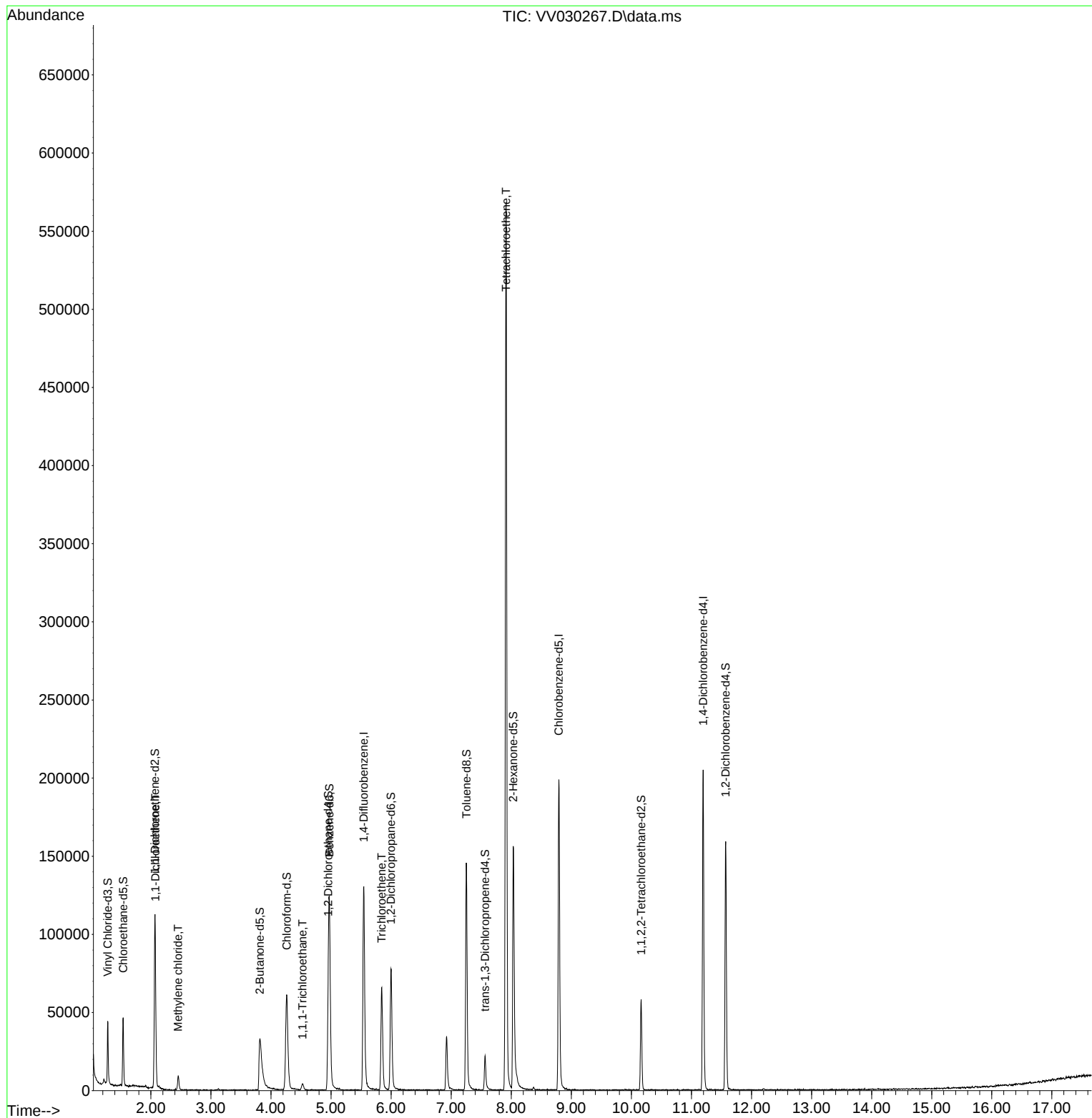
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	114986	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	110235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25378	3.411	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.200%	
7) Chloroethane-d5	1.539	69	25757	3.688	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.066	63	52608	3.439	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.815	46	68591	50.003	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.000%	
24) Chloroform-d	4.262	84	63575	4.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	4.953	65	32497	5.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	4.973	84	110241	3.717	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.400%	
36) 1,2-Dichloropropane-d6	5.998	67	34049	3.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.400%	
41) Toluene-d8	7.252	98	97490	3.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.564	79	12926	4.234	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.034	63	55261	43.752	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.500%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26359	4.152	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	40611	4.410	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	12405	1.608	ug/L #	32
16) Methylene chloride	2.455	84	3414	0.362	ug/L	88
29) 1,1,1-Trichloroethane	4.522	97	2961	0.229	ug/L	96
34) Trichloroethene	5.844	95	21817	2.586	ug/L	99
47) Tetrachloroethene	7.911	164	127540	17.613	ug/L	98

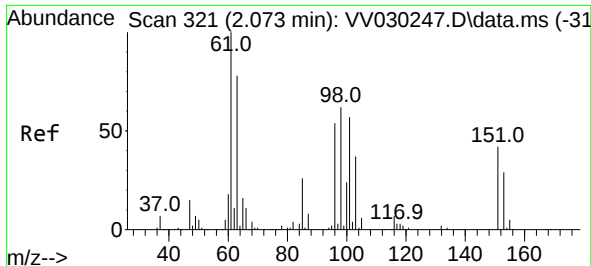
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.608 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030267.D

Acq: 20 Mar 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

H0A27DL

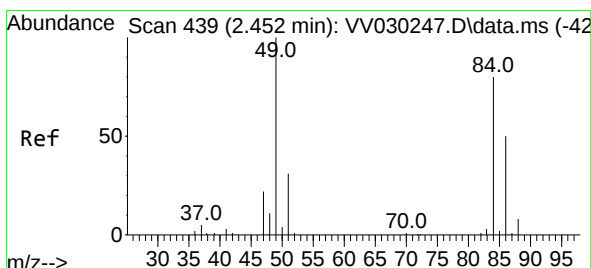
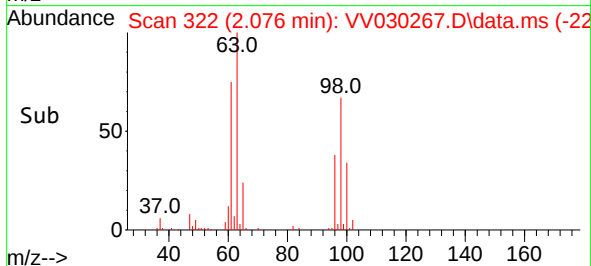
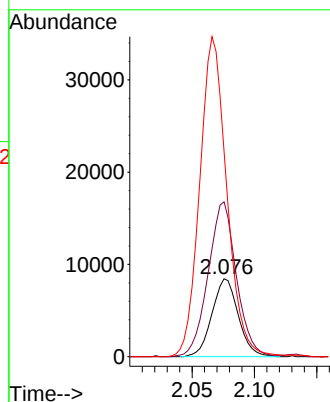
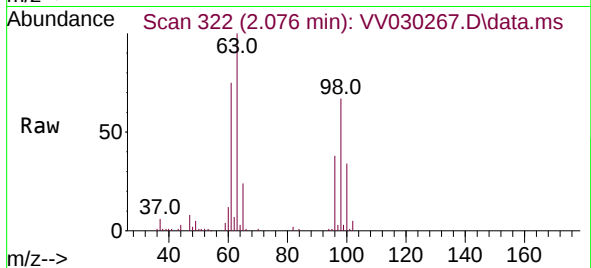
Tgt Ion: 96 Resp: 12405

Ion Ratio Lower Upper

96 100

61 198.7 115.6 214.6

63 263.7 85.6 159.0#



#16

Methylene chloride

Concen: 0.362 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030267.D

Acq: 20 Mar 2023 19:10

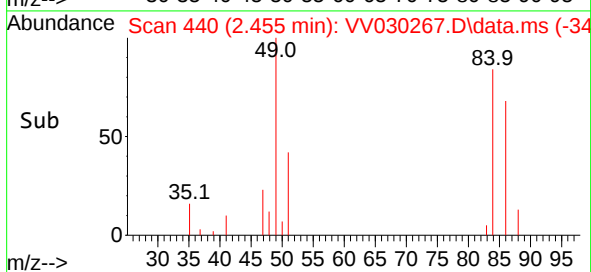
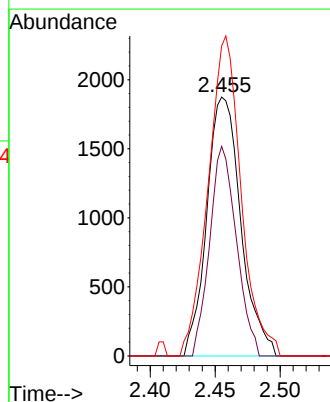
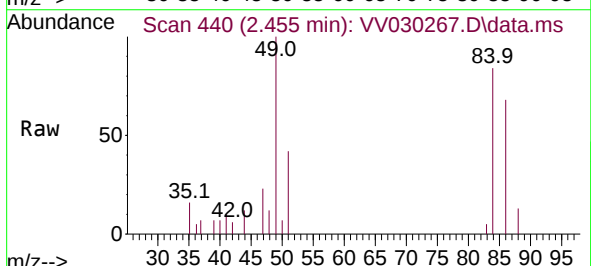
Tgt Ion: 84 Resp: 3414

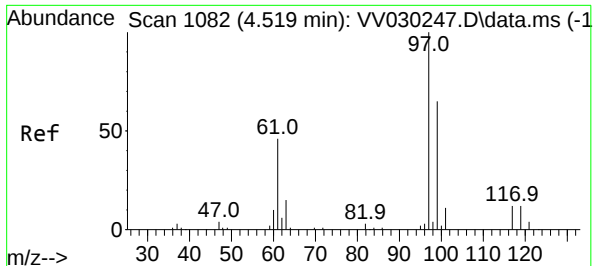
Ion Ratio Lower Upper

84 100

86 81.0 44.7 83.1

49 119.7 78.8 146.3





#29

1,1,1-Trichloroethane

Concen: 0.229 ug/L

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030267.D

Acq: 20 Mar 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

H0A27DL

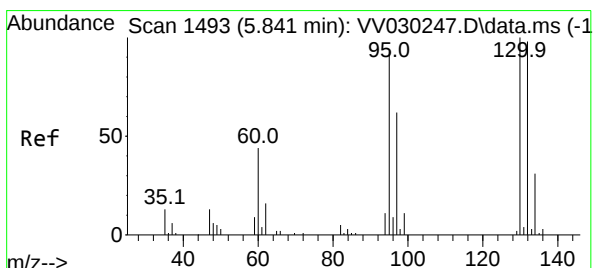
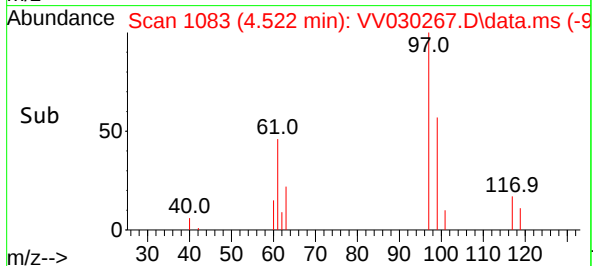
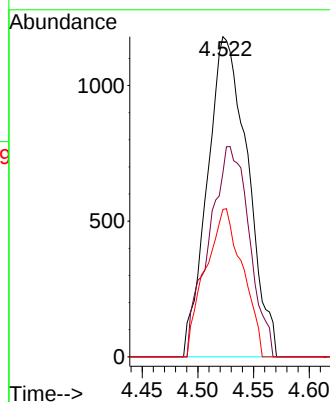
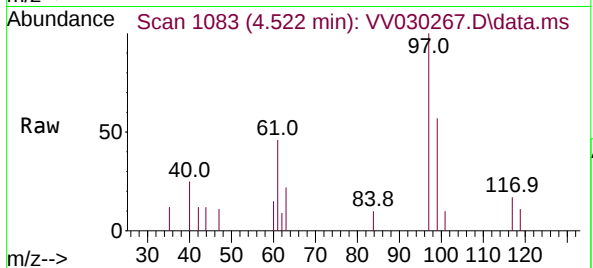
Tgt Ion: 97 Resp: 2961

Ion Ratio Lower Upper

97 100

99 65.9 51.3 76.9

61 42.8 31.5 47.3



#34

Trichloroethene

Concen: 2.586 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030267.D

Acq: 20 Mar 2023 19:10

Tgt Ion: 95 Resp: 21817

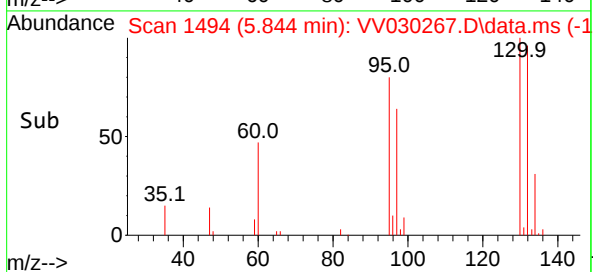
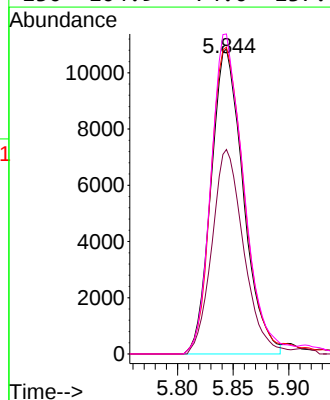
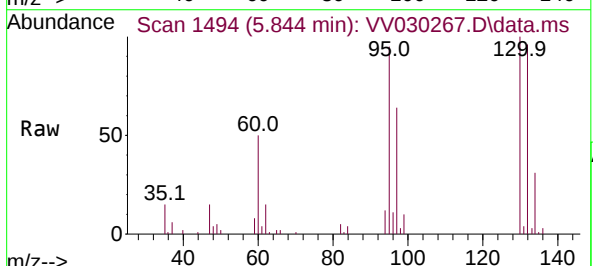
Ion Ratio Lower Upper

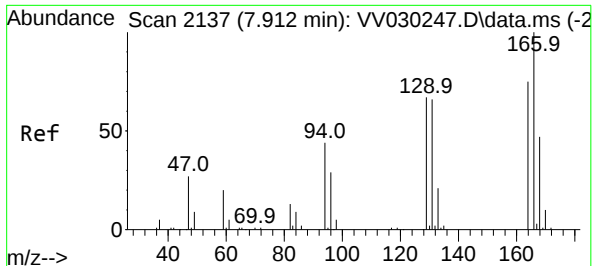
95 100

97 67.0 46.5 86.5

132 100.6 71.7 133.3

130 104.9 74.0 137.4





#47
 Tetrachloroethene
 Concen: 17.613 ug/L
 RT: 7.911 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030267.D
 Acq: 20 Mar 2023 19:10

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A27DL

Tgt Ion:164 Resp: 127540

Ion	Ratio	Lower	Upper
164	100		
129	88.8	63.6	118.2
131	85.4	61.7	114.7
166	127.2	90.8	168.6

