

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
 Data File : VV030277.D
 Acq On : 21 Mar 2023 14:59
 Operator : SY/MD
 Sample : 01996-09DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A30DL

Quant Time: Mar 22 06:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

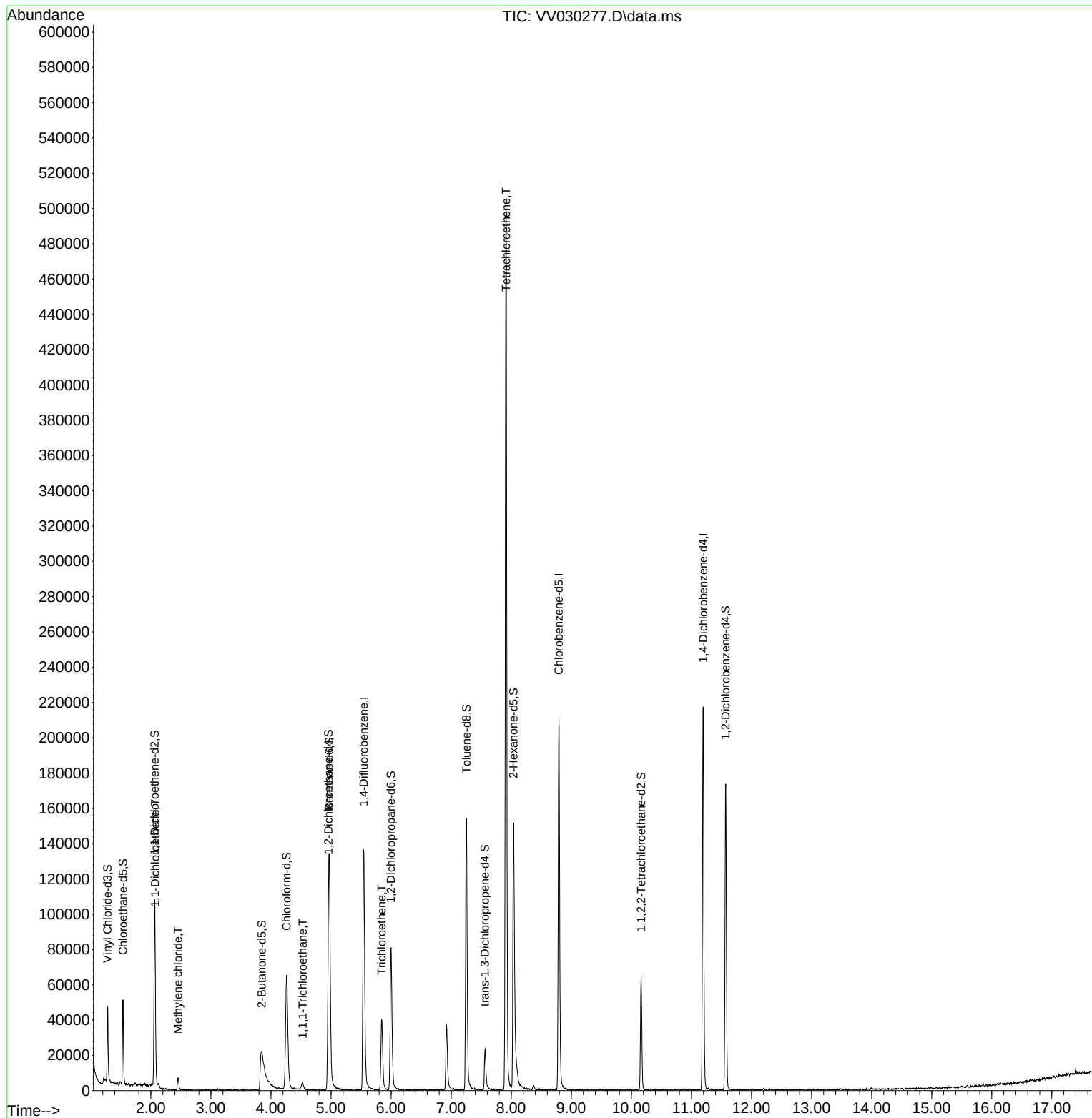
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	119450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	115420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27790	3.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.536	69	28435	3.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.063	63	52134	3.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.847	46	68754	48.248	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.500%
24) Chloroform-d	4.259	84	69652	4.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.957	65	35405	5.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.970	84	118132	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.998	67	35656	3.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.252	98	104379	3.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.561	79	13540	4.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.037	63	60704	45.902	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28515	4.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	44748	4.484	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
12) 1,1-Dichloroethene	2.073	96	6834	0.853	ug/L	# 1
16) Methylene chloride	2.455	84	2515	0.257	ug/L	84
29) 1,1,1-Trichloroethane	4.529	97	3565	0.263	ug/L	91
34) Trichloroethene	5.844	95	14655	1.659	ug/L	92
47) Tetrachloroethene	7.912	164	112059	14.780	ug/L	99

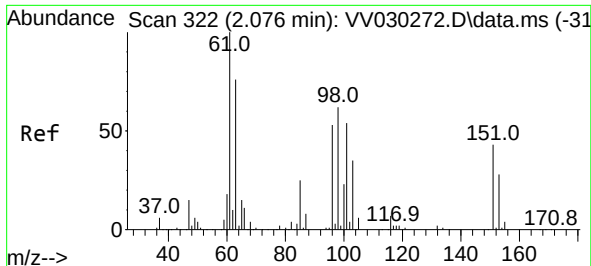
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.853 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

H0A30DL

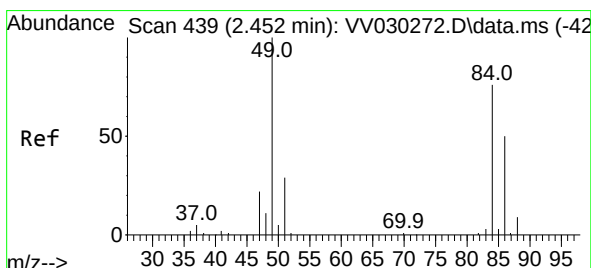
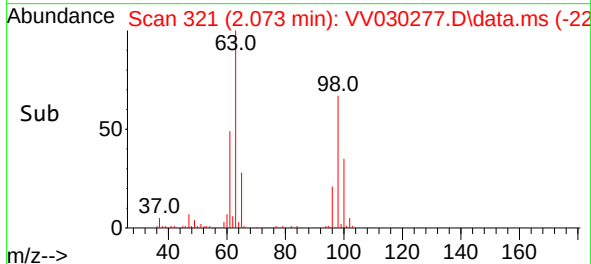
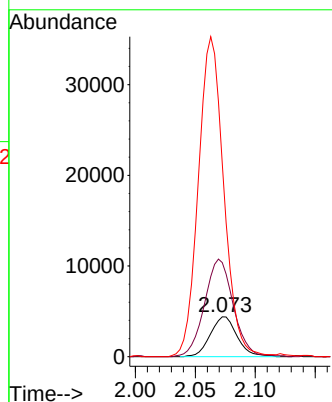
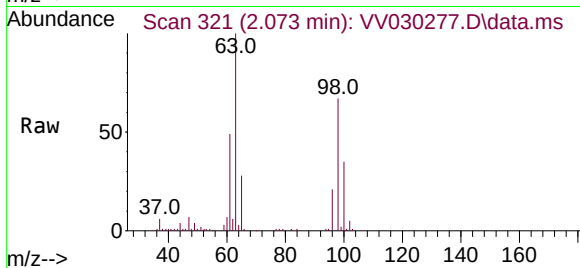
Tgt Ion: 96 Resp: 6834

Ion Ratio Lower Upper

96 100

61 236.4 115.6 214.6#

63 485.1 85.6 159.0#



#16

Methylene chloride

Concen: 0.257 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030277.D

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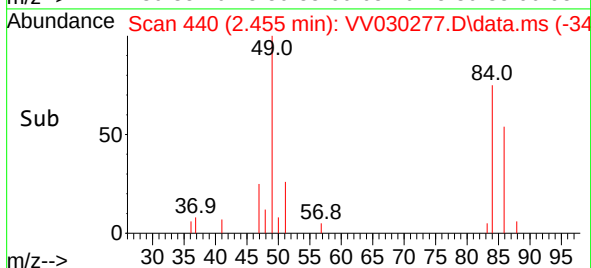
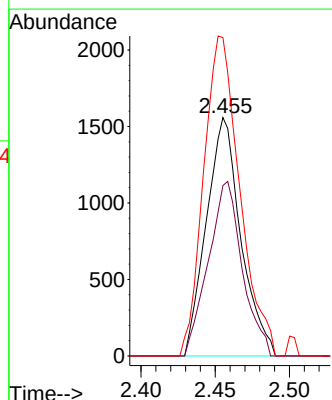
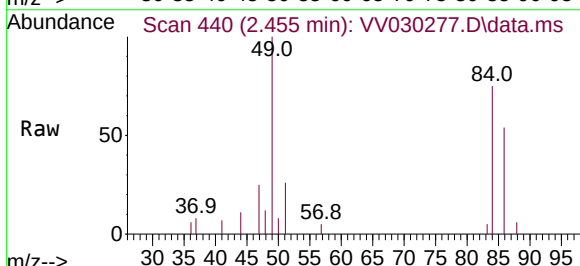
Tgt Ion: 84 Resp: 2515

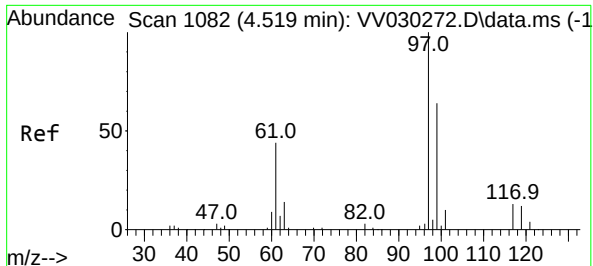
Ion Ratio Lower Upper

84 100

86 71.5 44.7 83.1

49 133.6 78.8 146.3





#29

1,1,1-Trichloroethane

Concen: 0.263 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

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Instrument :

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ClientSampleId :

H0A30DL

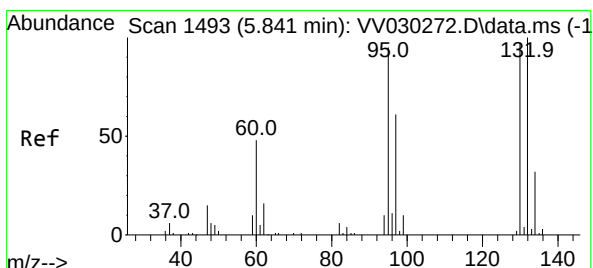
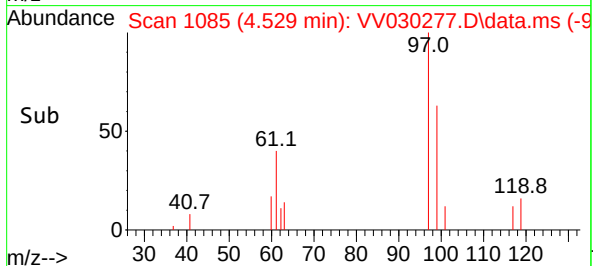
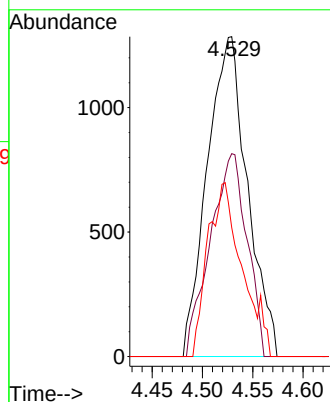
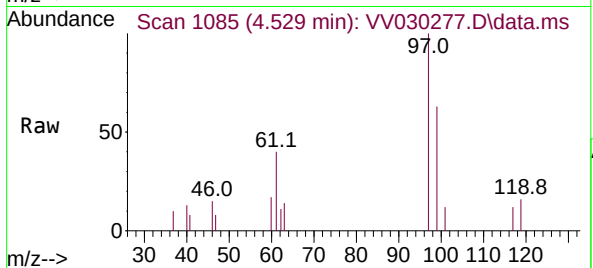
Tgt Ion: 97 Resp: 3565

Ion Ratio Lower Upper

97 100

99 58.0 51.3 76.9

61 46.5 31.5 47.3



#34

Trichloroethene

Concen: 1.659 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030277.D

Acq: 21 Mar 2023 14:59

Tgt Ion: 95 Resp: 14655

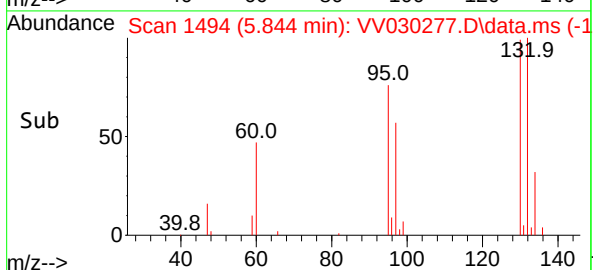
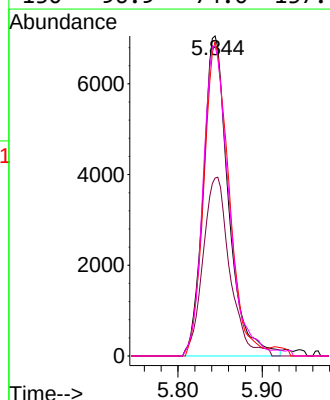
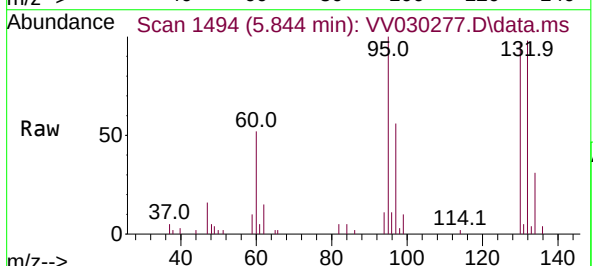
Ion Ratio Lower Upper

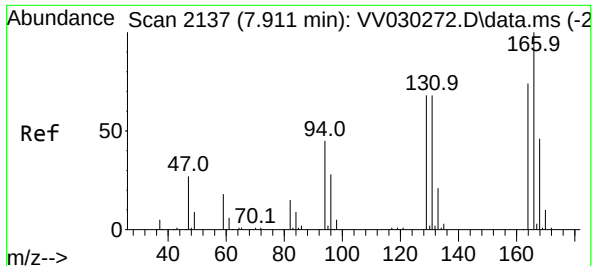
95 100

97 55.6 46.5 86.5

132 98.2 71.7 133.3

130 96.9 74.0 137.4





#47
 Tetrachloroethene
 Concen: 14.780 ug/L
 RT: 7.912 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030277.D
 Acq: 21 Mar 2023 14:59

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A30DL

Tgt Ion:164 Resp: 112059

Ion	Ratio	Lower	Upper
164	100		
129	92.7	63.6	118.2
131	90.2	61.7	114.7
166	130.2	90.8	168.6

