

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051823\
 Data File : VV031090.D
 Acq On : 18 May 2023 14:40
 Operator : SY/MD
 Sample : 02822-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONQ3

Quant Time: May 19 05:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 05:32:32 2023
 Response via : Initial Calibration

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

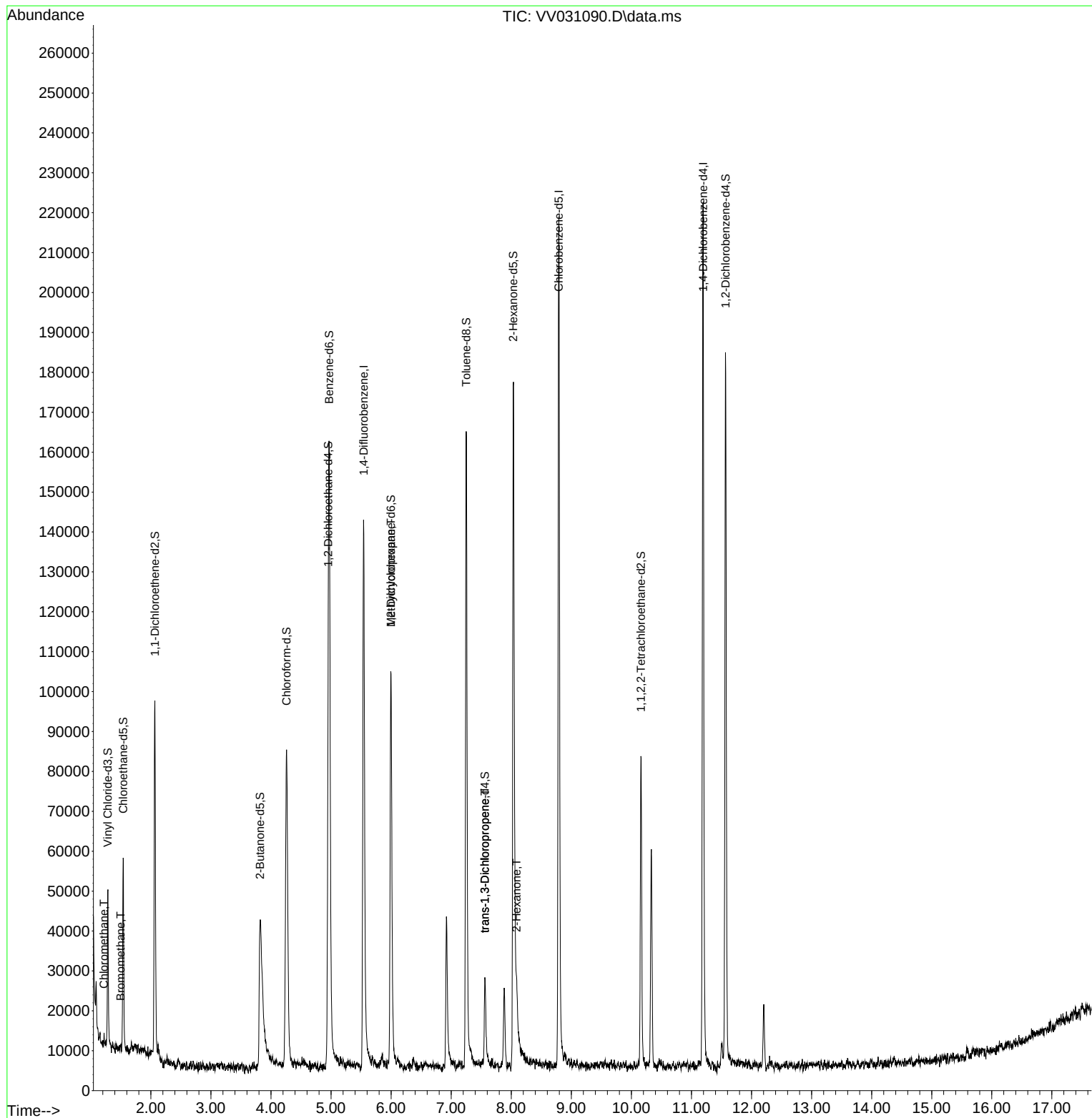
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26771	2.776	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.600%
7) Chloroethane-d5	1.539	69	31656	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.066	65	14747	2.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.818	46	88529	51.768	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	4.259	84	84486	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.953	65	44877	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.969	84	130772	3.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	5.995	67	43540	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.249	98	107253	3.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	7.561	79	13720	3.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.034	63	61041	46.092	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33907	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	45999	3.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1087	0.100	ug/L	84
6) Bromomethane	1.497	94	377	0.087	ug/L	88
35) Methylcyclohexane	5.995	83	11528	0.938	ug/L #	19
44) trans-1,3-Dichloropropene	7.561	75	943	0.105	ug/L #	70
48) 2-Hexanone	8.088	43	7394	2.636	ug/L #	84

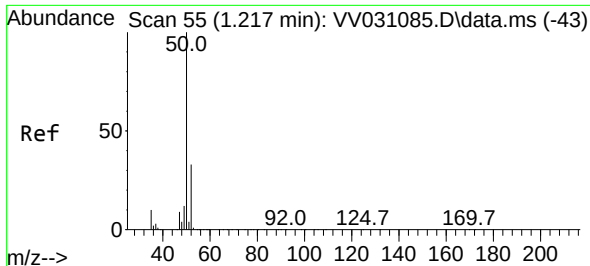
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 05:32:32 2023
Response via : Initial Calibration

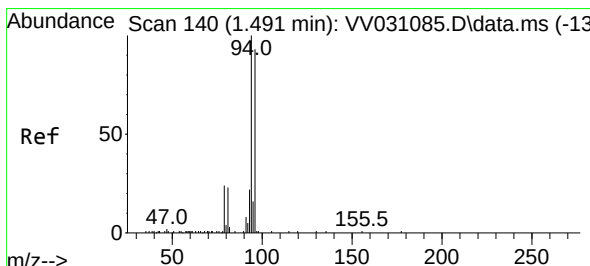
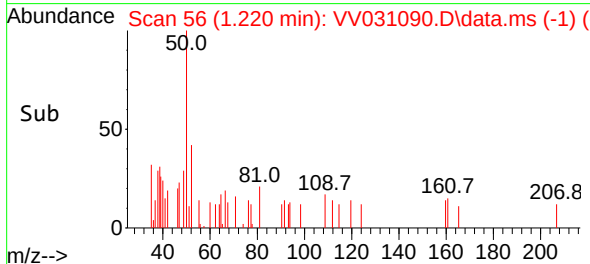
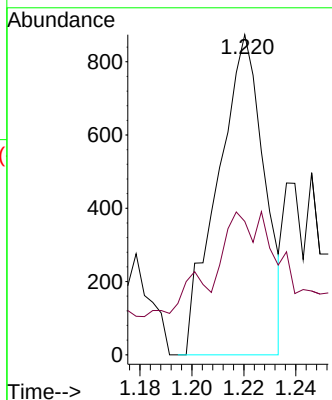
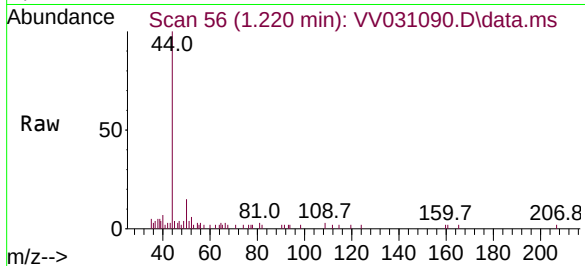




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031090.D
Acq: 18 May 2023 14:40

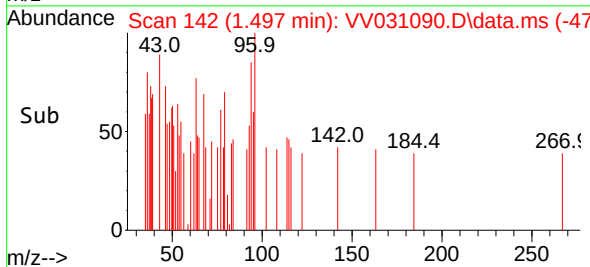
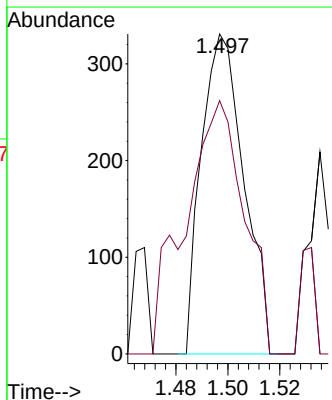
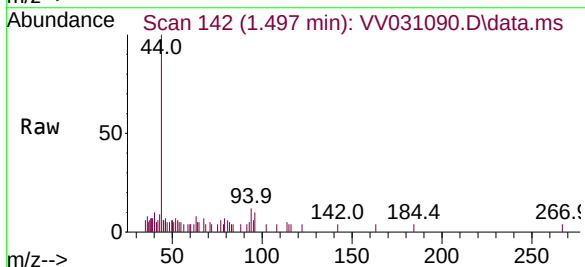
Instrument :
MSVOA_V
ClientSampleId :
CONQ3

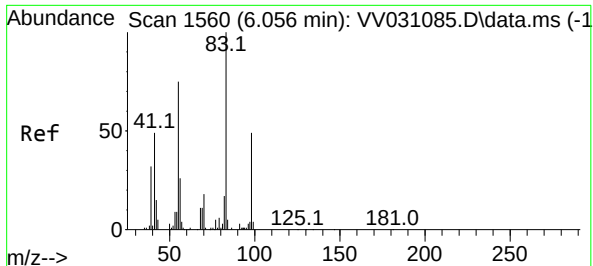
Tgt Ion: 50 Resp: 1087
Ion Ratio Lower Upper
50 100
52 41.6 22.8 42.4



#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031090.D
Acq: 18 May 2023 14:40

Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 79.2 63.4 117.8





#35

Methylcyclohexane

Concen: 0.938 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV031090.D

Acq: 18 May 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

CONQ3

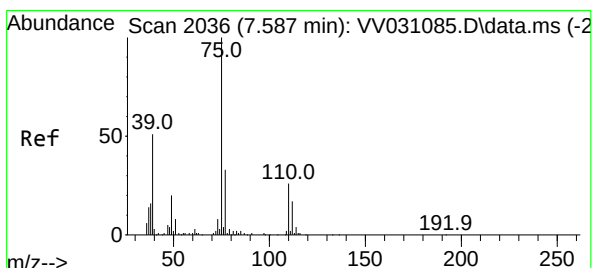
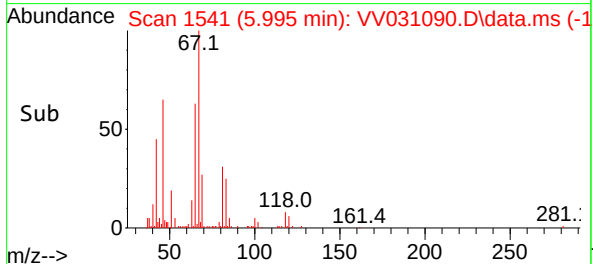
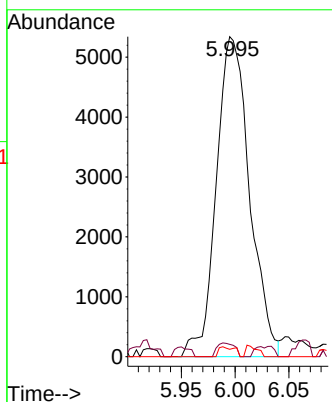
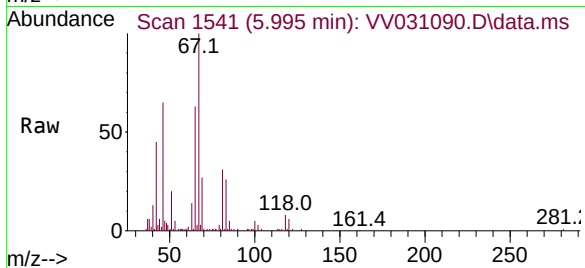
Tgt Ion: 83 Resp: 11528

Ion Ratio Lower Upper

83 100

55 2.3 62.9 94.3#

98 1.5 40.5 60.7#



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031090.D

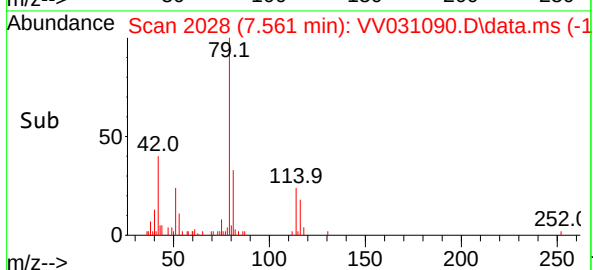
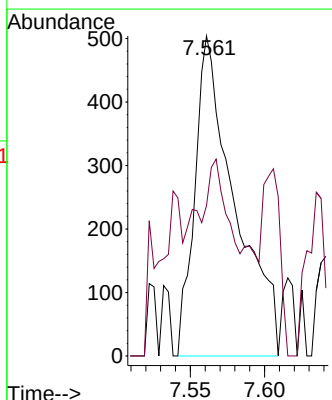
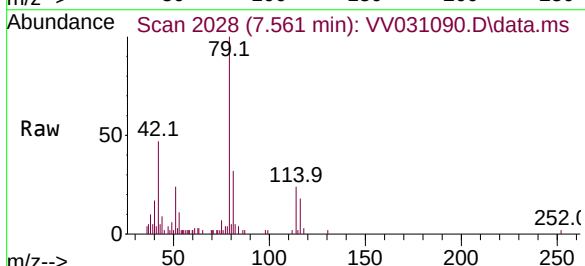
Acq: 18 May 2023 14:40

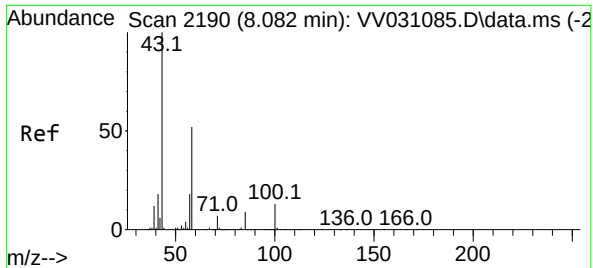
Tgt Ion: 75 Resp: 943

Ion Ratio Lower Upper

75 100

77 47.0 21.6 40.0#





#48
 2-Hexanone
 Concen: 2.636 ug/L
 RT: 8.088 min Scan# 2190
 Delta R.T. 0.006 min
 Lab File: VV031090.D
 Acq: 18 May 2023 14:40

Instrument :
 MSVOA_V
 ClientSampleId :
 CONQ3

Tgt Ion: 43	Resp:	7394
Ion	Ratio	Lower Upper
43	100	
58	57.5	39.9 59.9
57	4.0	14.1 21.1#
100	6.7	9.7 14.5#

