

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037379.D
 Acq On : 19 Sep 2024 13:49
 Operator : SY/MD
 Sample : P3988-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8S4

Quant Time: Sep 20 01:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

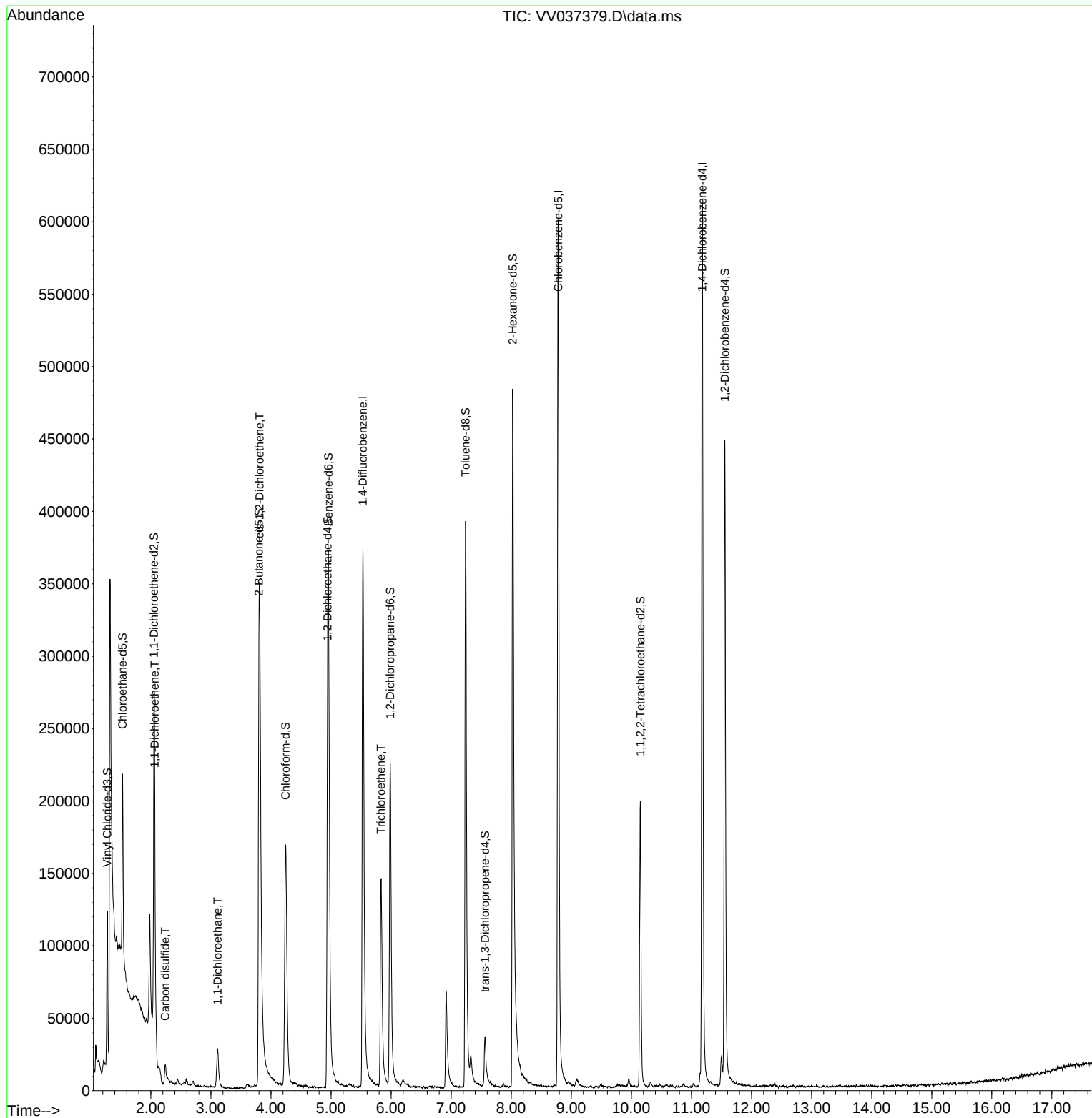
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	348804	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	355898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	165929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62456	3.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.529	69	77332	3.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.053	65	33845	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.799	46	240647	39.350	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.700%
24) Chloroform-d	4.243	84	189361	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	4.941	65	92966	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	4.957	84	351280	3.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	5.986	67	117486	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.239	98	283786	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.564	79	26365	2.701	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.000%#
46) 2-Hexanone-d5	8.024	63	200652	42.073	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102925	4.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	120604	4.088	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
12) 1,1-Dichloroethene	2.066	96	15438	0.632	ug/L #	1
14) Carbon disulfide	2.240	76	30069	0.390	ug/L	98
19) 1,1-Dichloroethane	3.111	63	27367	0.557	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	130020	4.677	ug/L	99
34) Trichloroethene	5.831	95	58372	2.020	ug/L	98

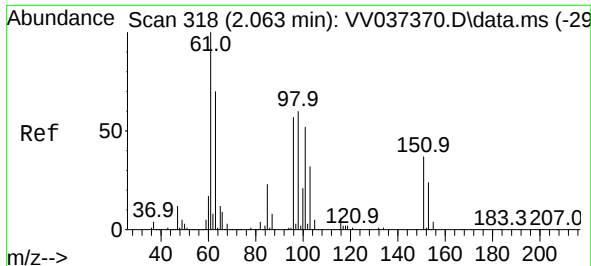
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.632 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV037379.D

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ClientSampleId :

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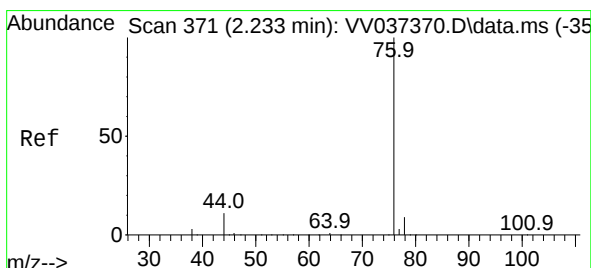
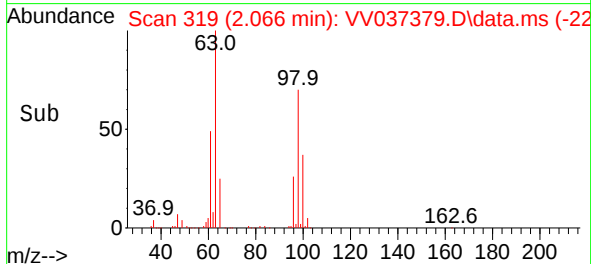
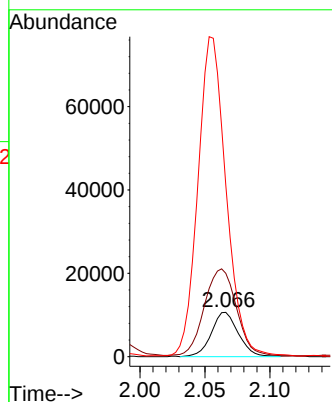
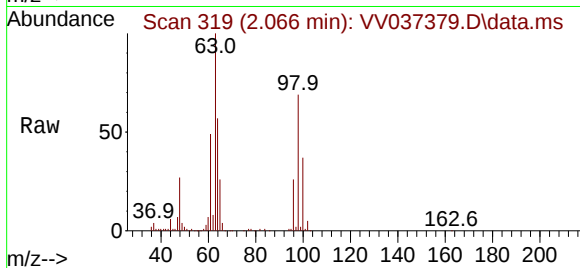
Tgt Ion: 96 Resp: 15438

Ion Ratio Lower Upper

96 100

61 188.2 119.9 222.7

63 386.8 81.4 151.2#



#14

Carbon disulfide

Concen: 0.390 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.006 min

Lab File: VV037379.D

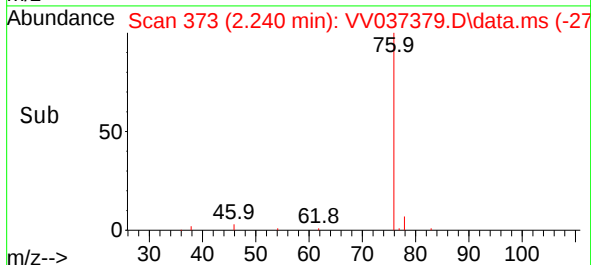
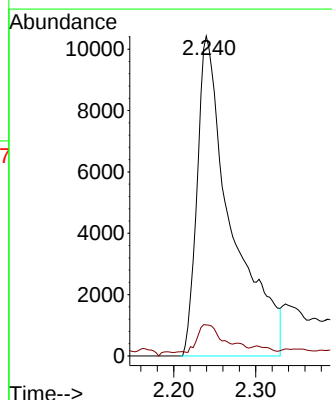
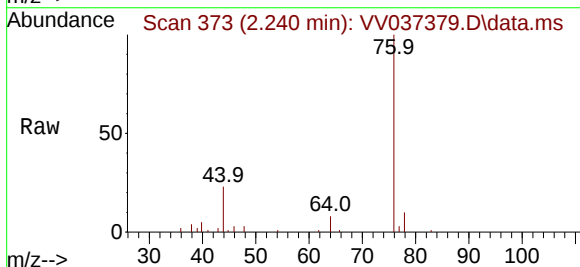
Acq: 19 Sep 2024 13:49

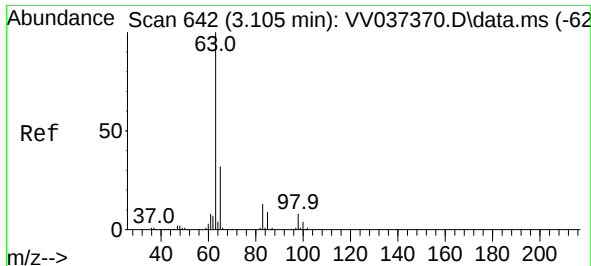
Tgt Ion: 76 Resp: 30069

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

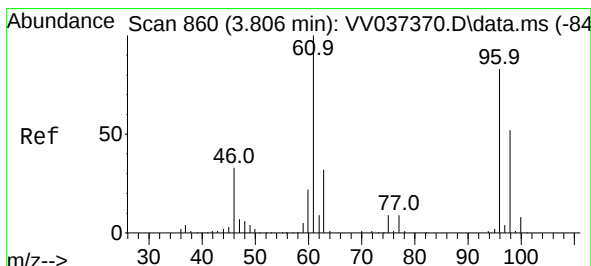
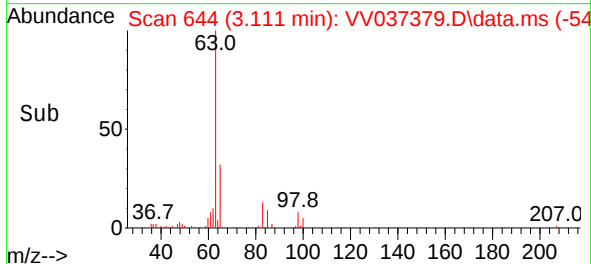
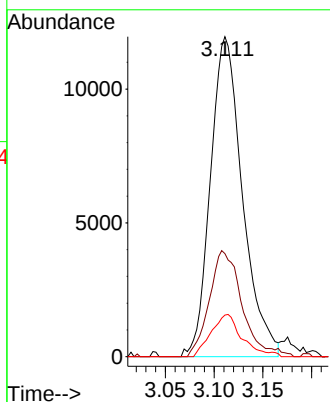
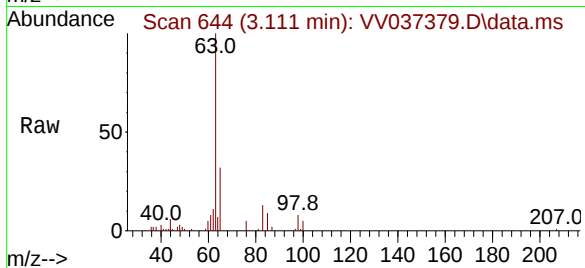




#19
1,1-Dichloroethane
Concen: 0.557 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV037379.D
Acq: 19 Sep 2024 13:49

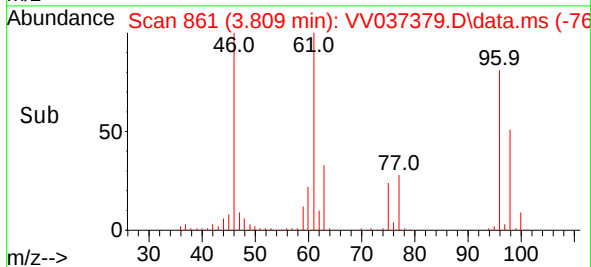
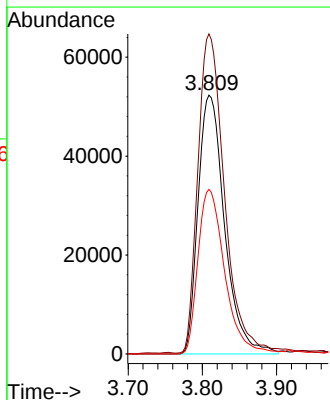
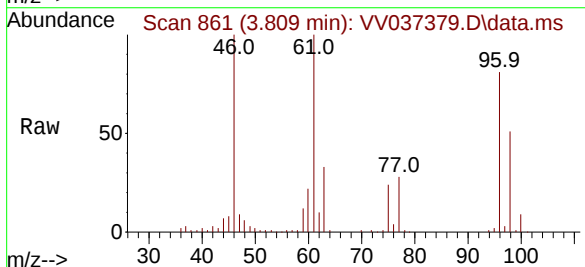
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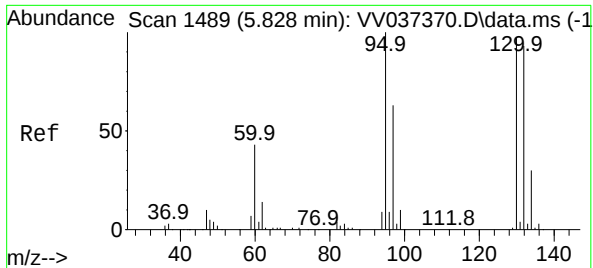
Tgt Ion: 63 Resp: 27367
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.7
83 13.0 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 4.677 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037379.D
Acq: 19 Sep 2024 13:49

Tgt Ion: 96 Resp: 130020
Ion Ratio Lower Upper
96 100
61 123.7 87.6 162.6
98 63.5 44.9 83.5





#34
 Trichloroethene
 Concen: 2.020 ug/L
 RT: 5.831 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VV037379.D
 Acq: 19 Sep 2024 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8S4

Tgt Ion: 95 Resp: 58372

Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.5	86.5
132	94.1	65.5	121.7
130	100.3	71.3	132.3

