

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
 Data File : VV031216.D
 Acq On : 24 May 2023 15:34
 Operator : SY/MD
 Sample : 02865-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX73

Quant Time: May 25 01:14:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

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

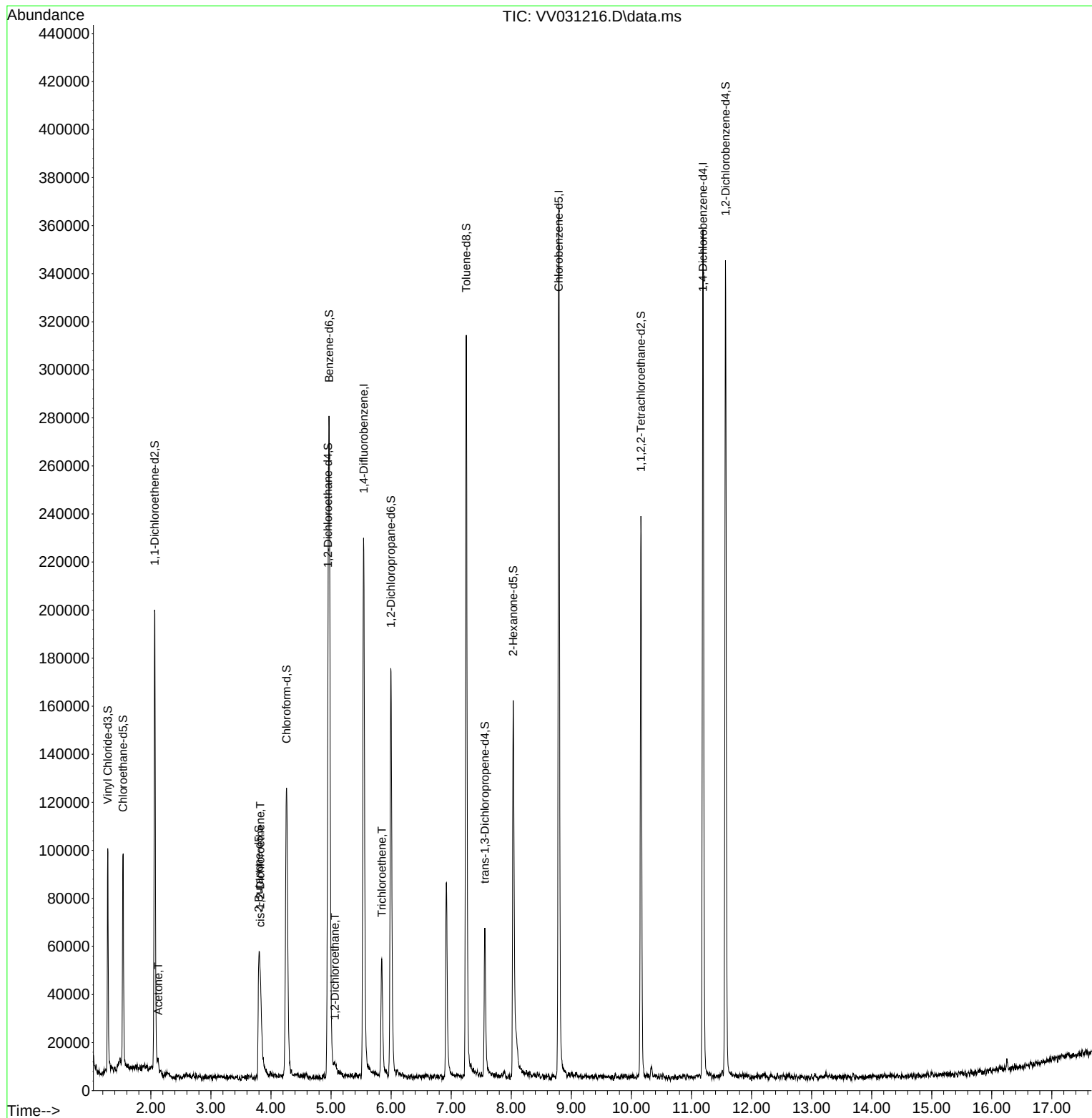
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	184226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	180742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	93167	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59445	37.756	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.520%
7) Chloroethane-d5	1.536	69	55868	46.062	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	2.063	65	30698	41.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.160%
21) 2-Butanone-d5	3.799	46	75657	90.182	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.180%
24) Chloroform-d	4.259	84	123750	44.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
26) 1,2-Dichloroethane-d4	4.950	65	93095	49.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	4.969	84	219391	44.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	5.998	67	64627	44.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	7.249	98	197533	43.195	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.561	79	32907	44.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.480%
47) 2-Hexanone-d5	8.034	63	49609	86.788	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.790%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	94122	42.804	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	84930	50.728	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.460%
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	4336	3.976	ug/L	95
20) cis-1,2-Dichloroethene	3.822	96	10029	8.598	ug/L	97
27) 1,2-Dichloroethane	5.066	62	3228	1.579	ug/L #	91
34) Trichloroethene	5.847	95	15985	13.777	ug/L	98

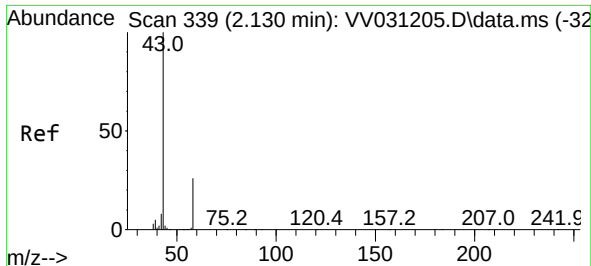
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.976 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV031216.D

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MSVOA_V

ClientSampleId :

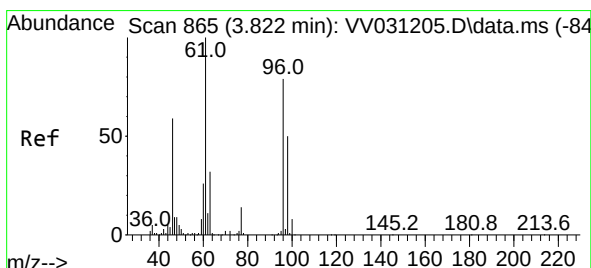
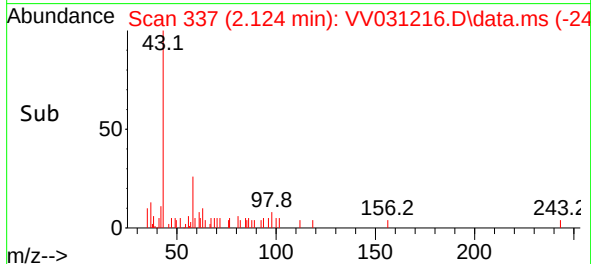
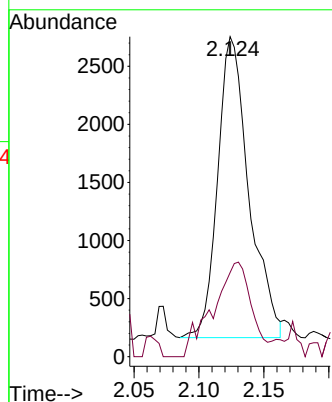
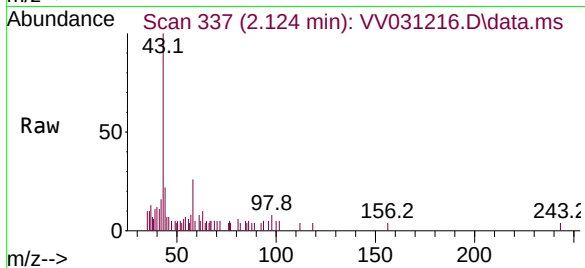
GBX73

Tgt Ion: 43 Resp: 4336

Ion Ratio Lower Upper

43 100

58 29.6 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 8.598 ug/L

RT: 3.822 min Scan# 865

Delta R.T. -0.000 min

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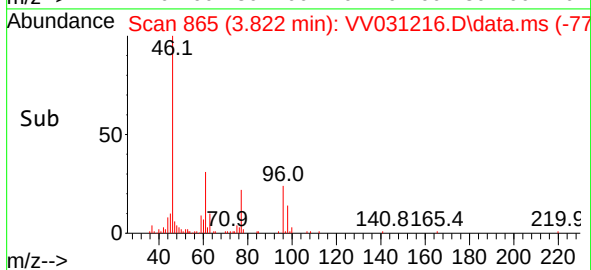
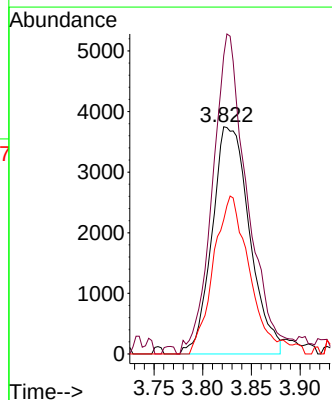
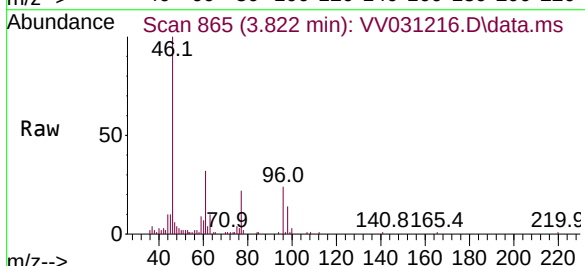
Tgt Ion: 96 Resp: 10029

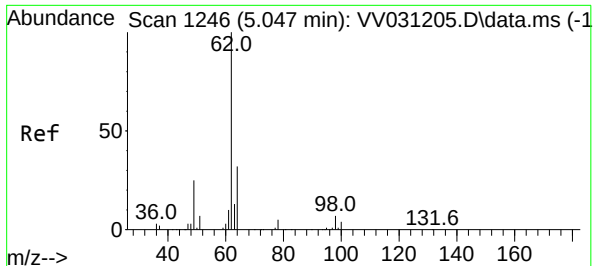
Ion Ratio Lower Upper

96 100

61 131.3 89.2 165.6

98 59.1 43.0 80.0





#27

1,2-Dichloroethane

Concen: 1.579 ug/L

RT: 5.066 min Scan# 11

Delta R.T. 0.019 min

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MSVOA_V

ClientSampleId :

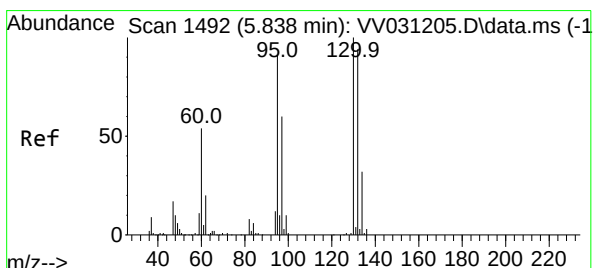
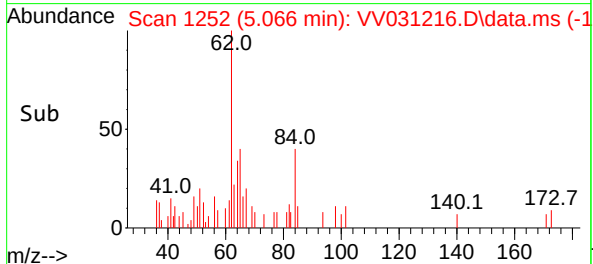
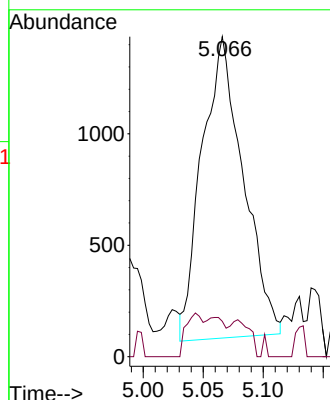
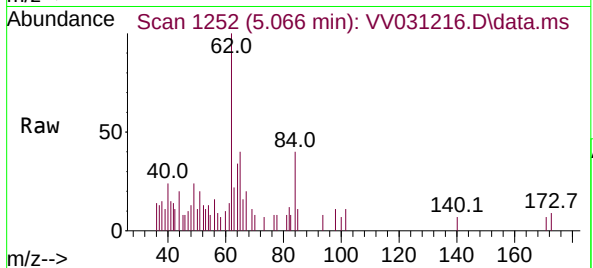
GBX73

Tgt Ion: 62 Resp: 3228

Ion Ratio Lower Upper

62 100

98 11.1 6.3 9.5#



#34

Trichloroethene

Concen: 13.777 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031216.D

Acq: 24 May 2023 15:34

Tgt Ion: 95 Resp: 15985

Ion Ratio Lower Upper

95 100

97 61.5 44.4 82.5

132 100.7 70.2 130.4

130 105.0 71.5 132.7

