

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092023\
 Data File : VV032148.D
 Acq On : 20 Sep 2023 15:33
 Operator : SY/MD
 Sample : 04472-16ME
 Misc : 7.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 01:40:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 21 01:37:00 2023
 Response via : Initial Calibration

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

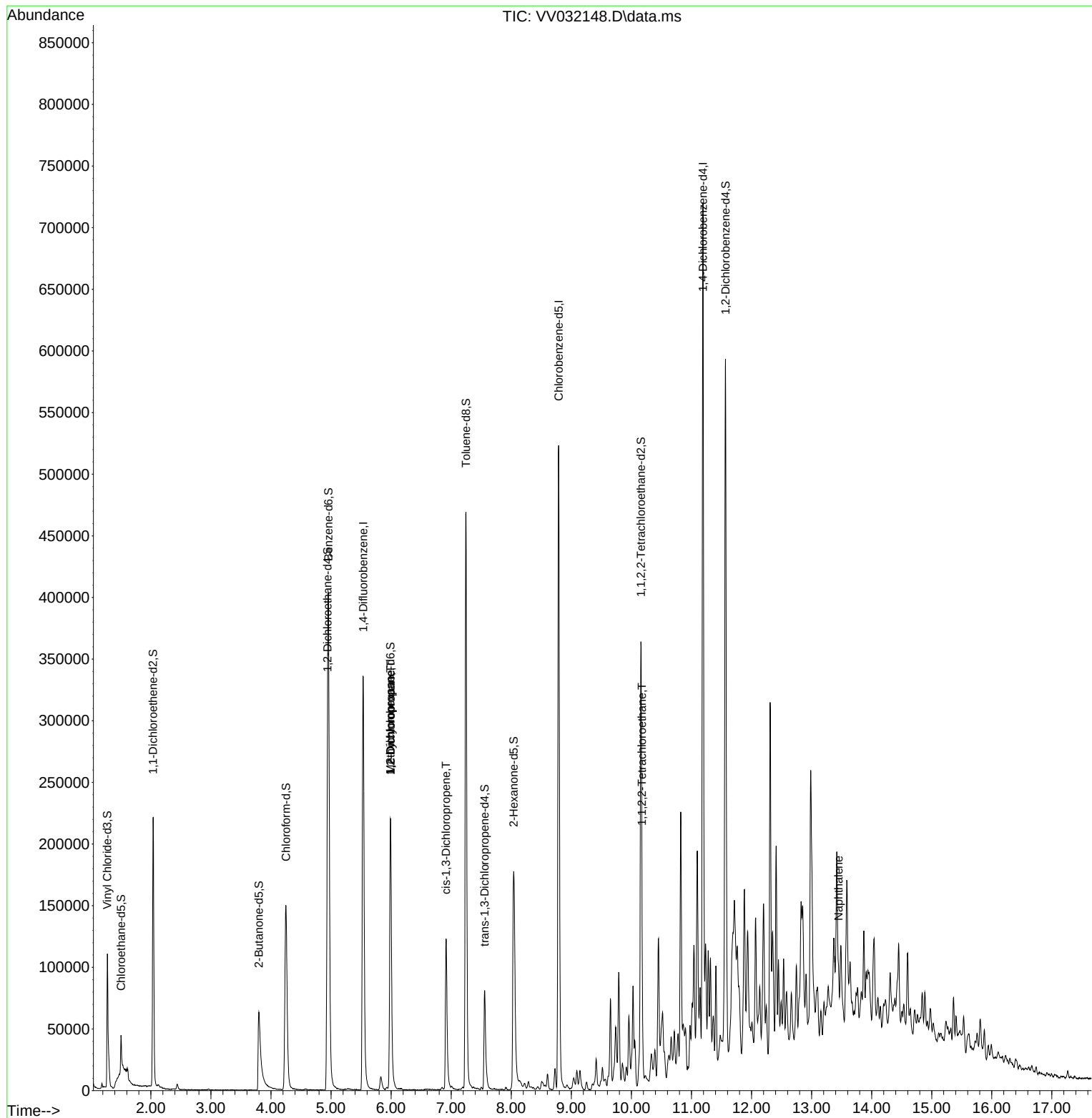
Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	304928	50.000	ug/L	0.00
28) Chlorobenzene-d5		8.789	117	301052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.191	152	166763	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.275	65	96766	50.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.420%	
7) Chloroethane-d5		1.503	69	25344	15.150	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.300%#	
11) 1,1-Dichloroethene-d2		2.037	65	38311	42.873	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.740%	
21) 2-Butanone-d5		3.799	46	131890	87.873	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.870%	
24) Chloroform-d		4.249	84	166847	40.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.000%	
26) 1,2-Dichloroethane-d4		4.941	65	107346	38.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.560%	
32) Benzene-d6		4.957	84	351638	42.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%	
36) 1,2-Dichloropropane-d6		5.989	67	118065	44.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.300%	
41) Toluene-d8		7.246	98	317692	41.972	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.940%	
43) trans-1,3-Dichloroprop...		7.558	79	54072	39.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.920%	
47) 2-Hexanone-d5		8.040	63	90638	111.843	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.840%	
56) 1,1,2,2-Tetrachloroeth...		10.159	84	158898	46.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.020%	
66) 1,2-Dichlorobenzene-d4		11.567	152	134497	44.242	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%	
Target Compounds							
						Qvalue	
35) Methylcyclohexane		5.989	83	27033	8.215	ug/L #	19
37) 1,2-Dichloropropane		5.992	63	12341	5.382	ug/L #	87
39) cis-1,3-Dichloropropene		6.915	75	3241	0.813	ug/L #	45
57) 1,1,2,2-Tetrachloroethane		10.175	83	6038	1.841	ug/L #	61
71) Naphthalene		13.448	128	9845	0.880	ug/L #	94

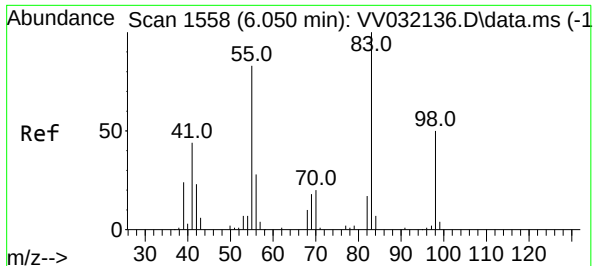
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.215 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV032148.D

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Instrument :

MSVOA_V

ClientSampleId :

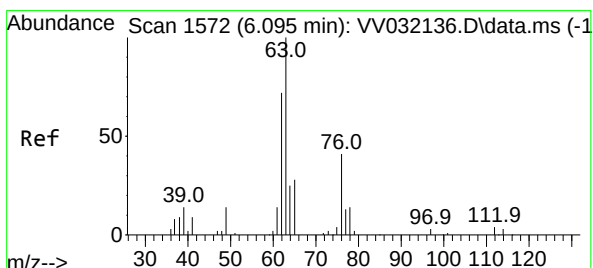
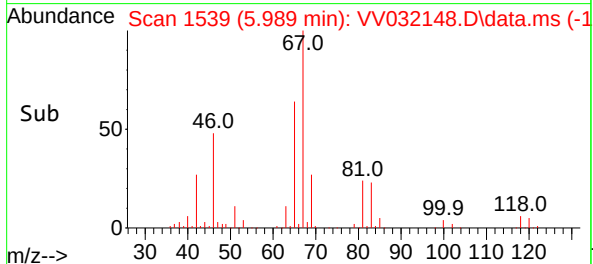
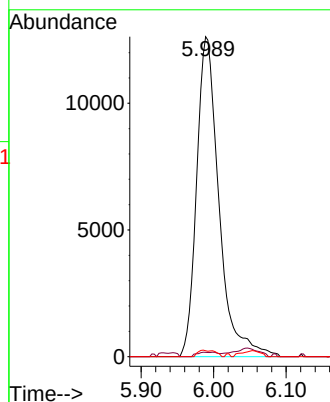
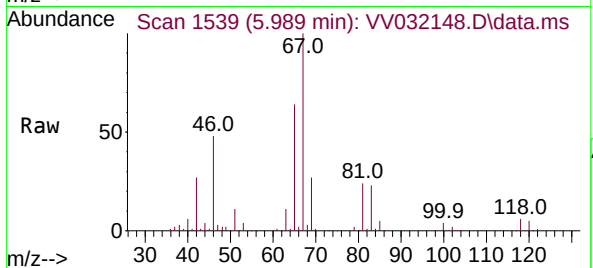
Tgt Ion: 83 Resp: 27033

Ion Ratio Lower Upper

83 100

55 0.7 62.2 93.2#

98 0.9 36.7 55.1#



#37

1,2-Dichloropropane

Concen: 5.382 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.103 min

Lab File: VV032148.D

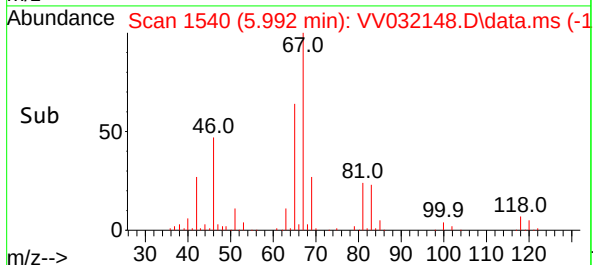
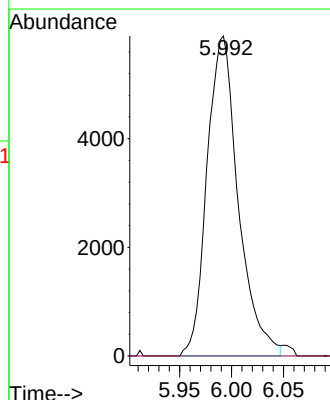
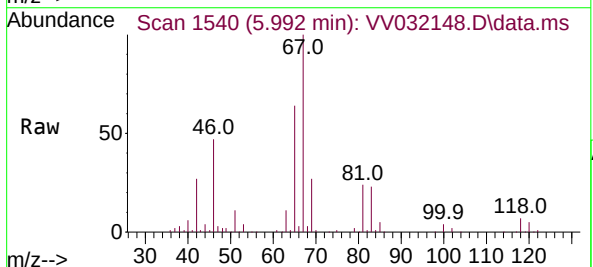
Acq: 20 Sep 2023 15:33

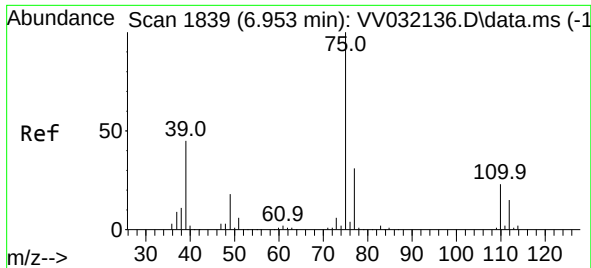
Tgt Ion: 63 Resp: 12341

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

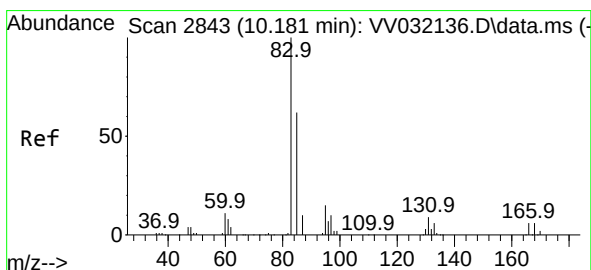
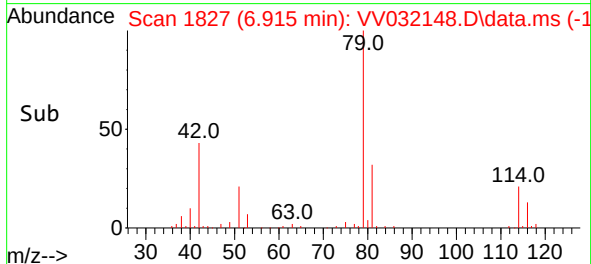
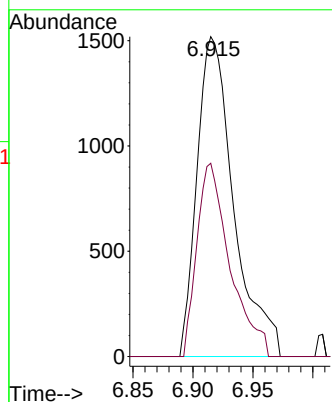
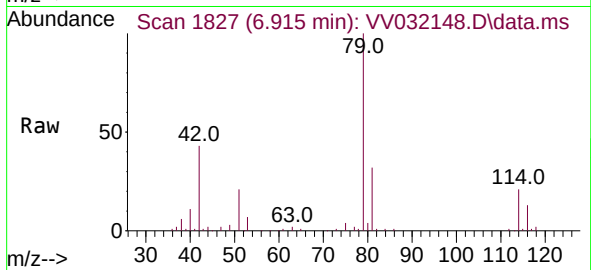




#39
 cis-1,3-Dichloropropene
 Concen: 0.813 ug/L
 RT: 6.915 min Scan# 1827
 Delta R.T. -0.038 min
 Lab File: VV032148.D
 Acq: 20 Sep 2023 15:33

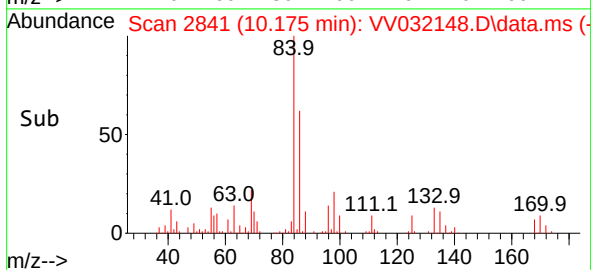
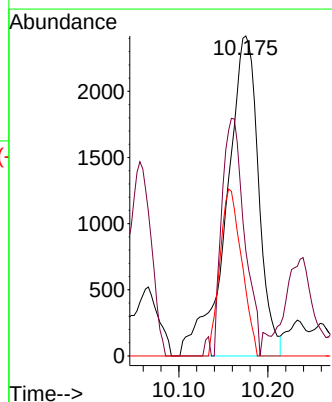
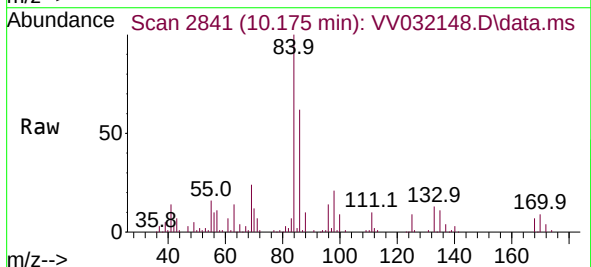
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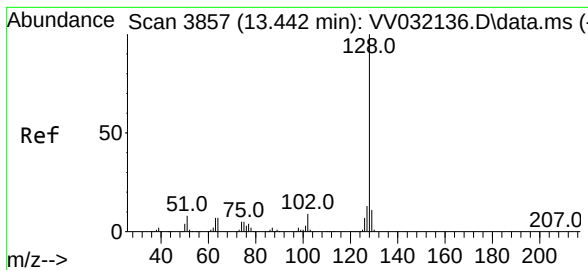
Tgt Ion: 75 Resp: 3241
 Ion Ratio Lower Upper
 75 100
 77 60.4 21.4 39.8#



#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.841 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. -0.006 min
 Lab File: VV032148.D
 Acq: 20 Sep 2023 15:33

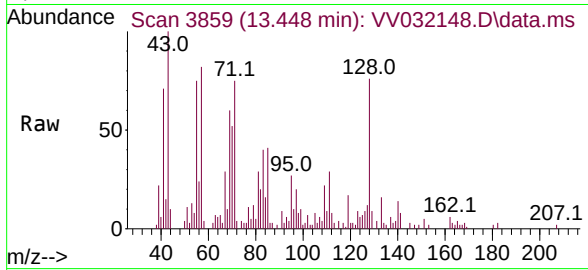
Tgt Ion: 83 Resp: 6038
 Ion Ratio Lower Upper
 83 100
 85 32.9 45.1 83.9#
 131 20.9 7.4 11.2#





#71
Naphthalene
Concen: 0.880 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.007 min
Lab File: VV032148.D
Acq: 20 Sep 2023 15:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	9845
Ion Ratio	100	Lower	Upper
127	11.8	10.4	15.6
129	14.5	8.7	13.1#

