

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035698.D
 Acq On : 23 May 2024 13:01
 Operator : SY/MD
 Sample : P2568-08
 Misc : 5.14g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

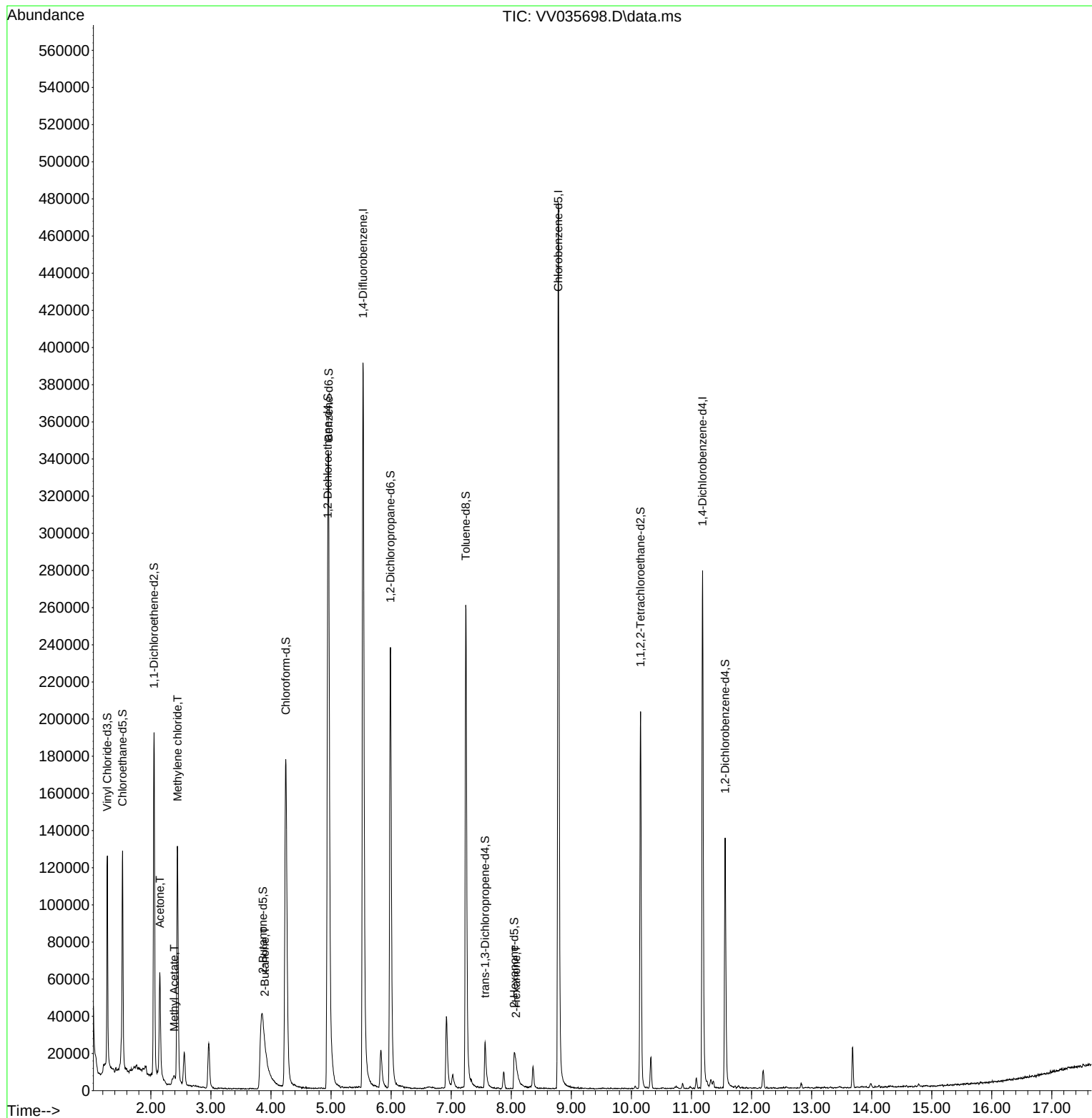
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	358341	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282229	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	76549	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72788	13.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.560%
7) Chloroethane-d5	1.529	69	75242	16.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.360%
11) 1,1-Dichloroethene-d2	2.053	65	31686	12.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.680%
21) 2-Butanone-d5	3.863	46	11372	7.235	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.460%#
24) Chloroform-d	4.246	84	203758	19.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.520%
26) 1,2-Dichloroethane-d4	4.944	65	109041	20.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	4.960	84	303092	19.619	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.480%
36) 1,2-Dichloropropane-d6	5.989	67	125898	26.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.640%
41) Toluene-d8	7.243	98	188222	13.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.760%
43) trans-1,3-Dichloroprop...	7.564	79	18508	9.077	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	36.320%
47) 2-Hexanone-d5	8.050	63	6910	8.060	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.120%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	103967	22.630	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	38750	14.586	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	58.360%#
Target Compounds			Qvalue			
13) Acetone	2.150	43	13866	6.026	ug/L #	51
15) Methyl Acetate	2.388	43	4362	1.251	ug/L	92
16) Methylene chloride	2.442	84	56124	6.792	ug/L	95
22) 2-Butanone	3.896	43	2629	1.230	ug/L #	54
48) 2-Hexanone	8.082	43	3549	1.622	ug/L #	42

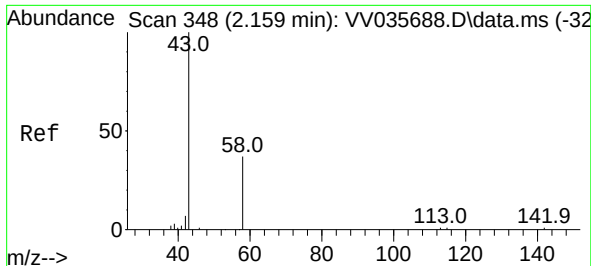
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.026 ug/L

RT: 2.150 min Scan# 348

Delta R.T. -0.010 min

Lab File: VV035698.D

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Instrument :

MSVOA_V

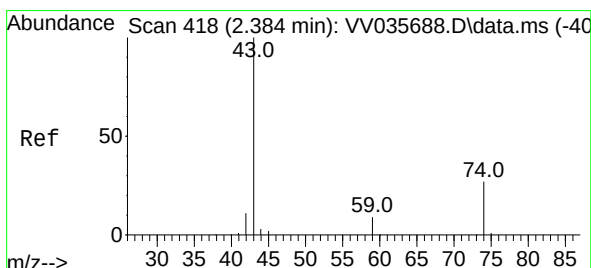
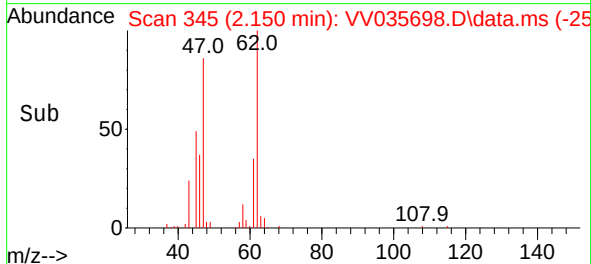
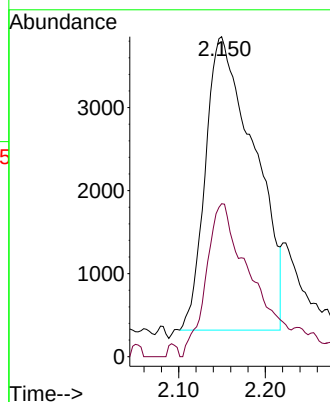
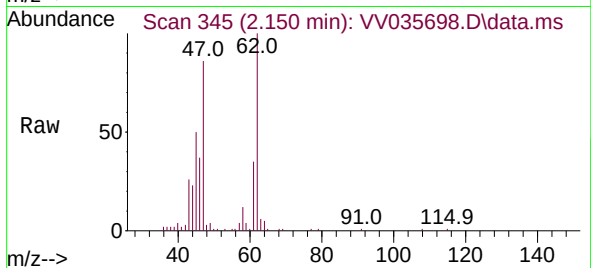
ClientSampleId :

Tgt Ion: 43 Resp: 13866

Ion Ratio Lower Upper

43 100

58 30.0 0.0 22.8#



#15

Methyl Acetate

Concen: 1.251 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.003 min

Lab File: VV035698.D

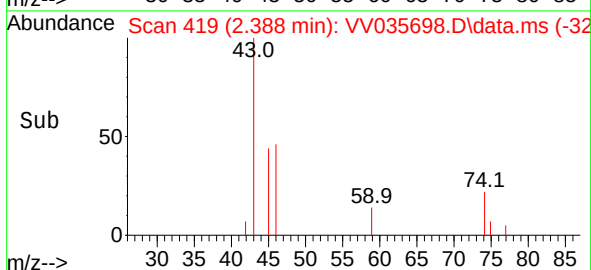
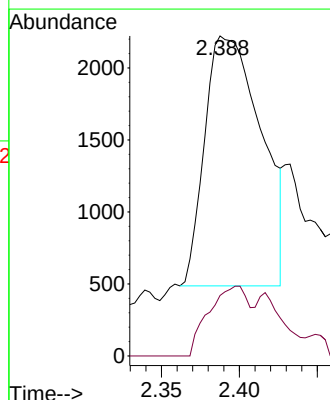
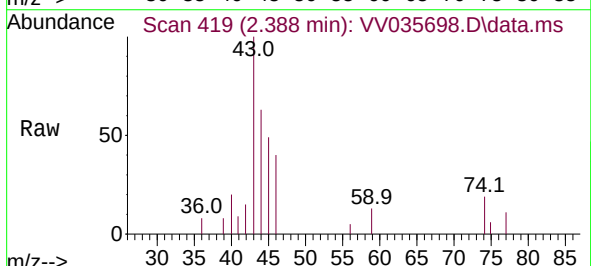
Acq: 23 May 2024 13:01

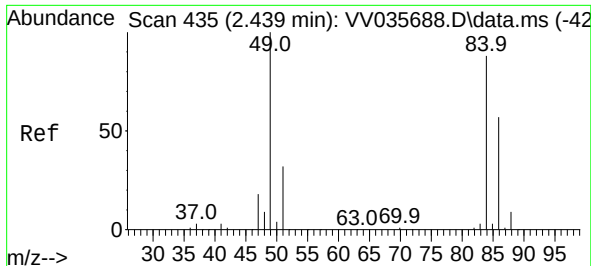
Tgt Ion: 43 Resp: 4362

Ion Ratio Lower Upper

43 100

74 19.3 18.6 27.8

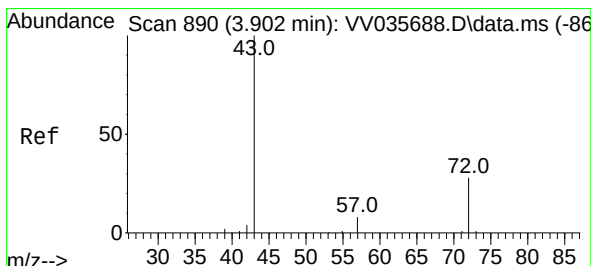
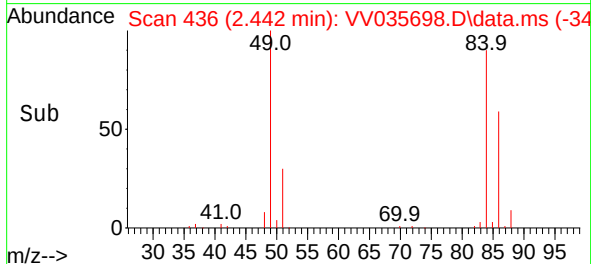
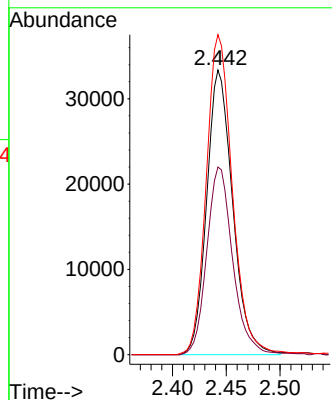
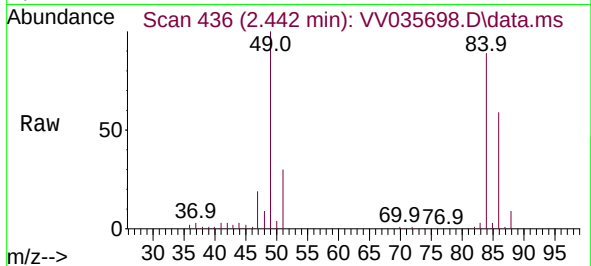




#16
Methylene chloride
Concen: 6.792 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035698.D
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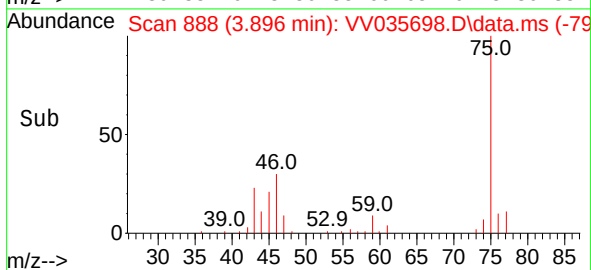
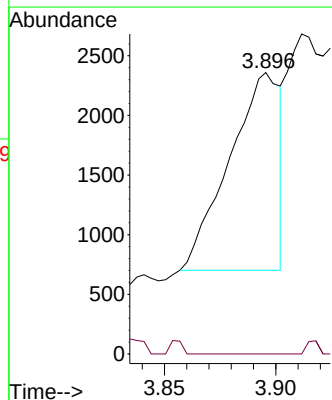
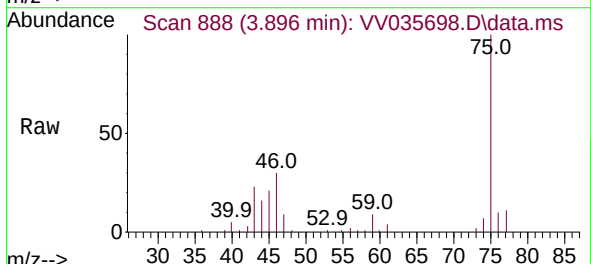
Instrument :
MSVOA_V
ClientSampleId :

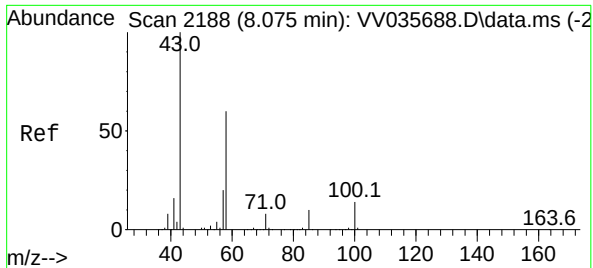
Tgt Ion: 84 Resp: 56124
Ion Ratio Lower Upper
84 100
86 66.0 43.8 81.3
49 112.4 75.3 139.9



#22
2-Butanone
Concen: 1.230 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.006 min
Lab File: VV035698.D
Acq: 23 May 2024 13:01

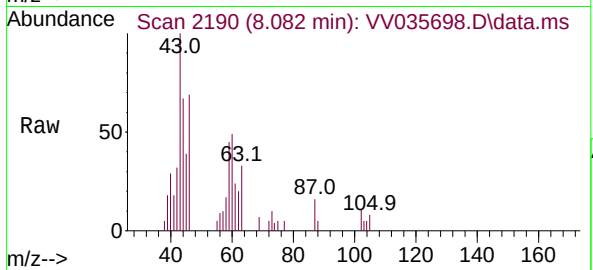
Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
72 1.6 12.3 36.9#





#48
 2-Hexanone
 Concen: 1.622 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV035698.D
 Acq: 23 May 2024 13:01

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 3549

Ion	Ratio	Lower	Upper
43	100		
58	6.6	48.8	73.2#
57	2.4	16.9	25.3#
100	2.6	11.7	17.5#

