

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035699.D
 Acq On : 23 May 2024 13:24
 Operator : SY/MD
 Sample : P2568-09
 Misc : 5.89g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:47:53 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)

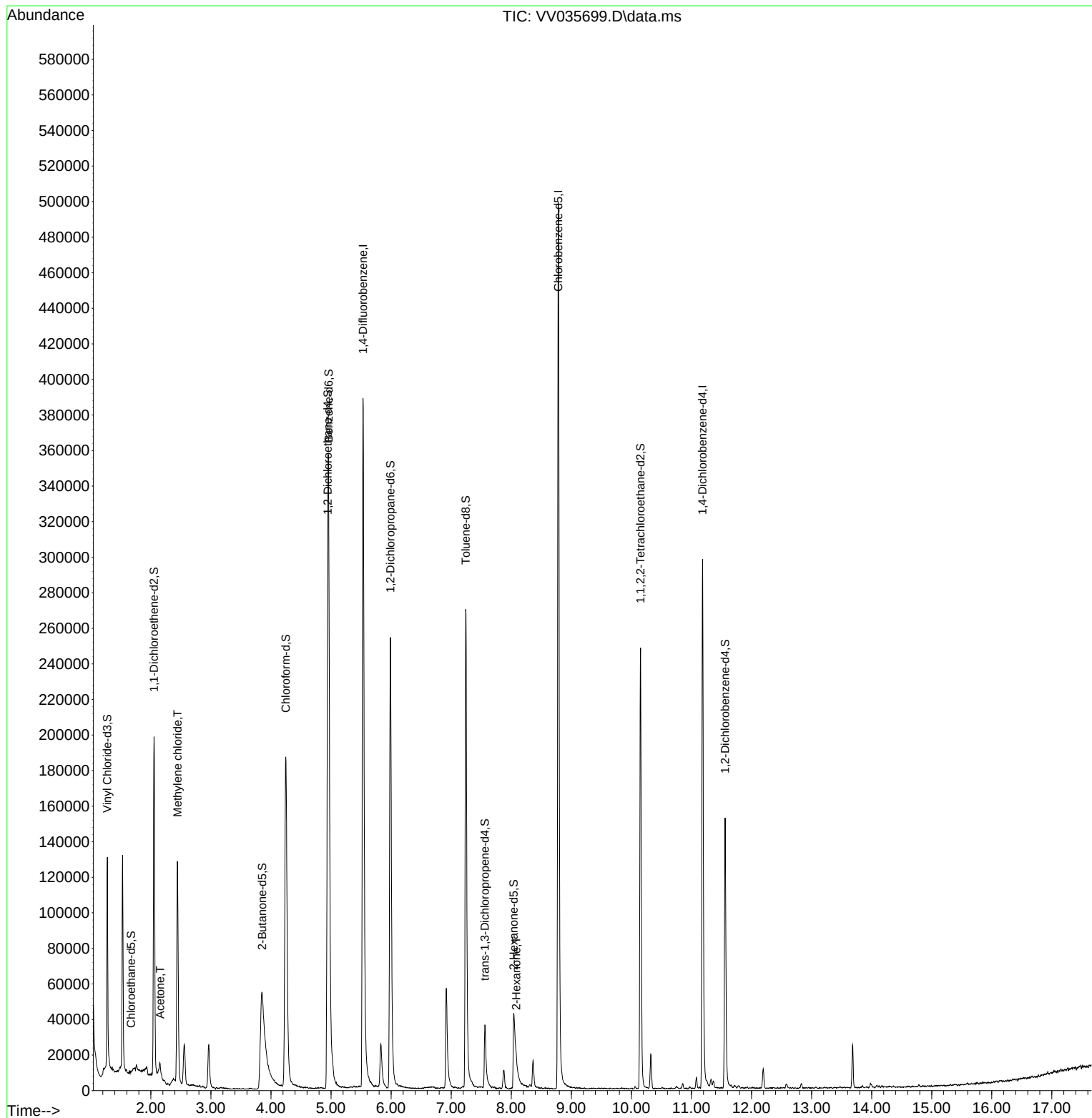
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	351421	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	293552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74548	13.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.880%
7) Chloroethane-d5	1.671	69	137	0.031	ug/L	0.14
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.120%#
11) 1,1-Dichloroethene-d2	2.053	65	32864	13.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.680%
21) 2-Butanone-d5	3.854	46	36370	23.595	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.180%
24) Chloroform-d	4.246	84	210913	20.188	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.760%
26) 1,2-Dichloroethane-d4	4.944	65	122609	23.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.960%
32) Benzene-d6	4.960	84	308495	19.198	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	5.989	67	133419	26.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.600%
41) Toluene-d8	7.243	98	195456	13.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	54.680%
43) trans-1,3-Dichloroprop...	7.561	79	26841	12.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.640%
47) 2-Hexanone-d5	8.040	63	13729	15.396	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125762	26.318	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	42273	14.704	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	58.800%#
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	6556	2.905	ug/L	73
16) Methylene chloride	2.442	84	55120	6.802	ug/L	93
48) 2-Hexanone	8.085	43	5782	2.540	ug/L #	40

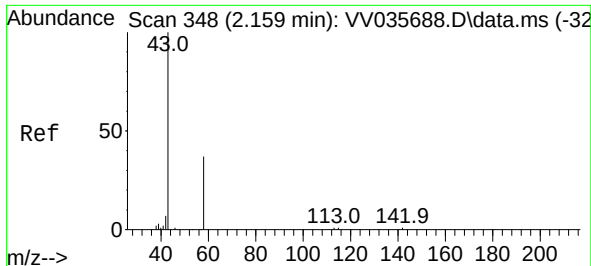
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 01:44:38 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.905 ug/L

RT: 2.153 min Scan# 348

Delta R.T. -0.006 min

Lab File: VV035699.D

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Instrument :

MSVOA_V

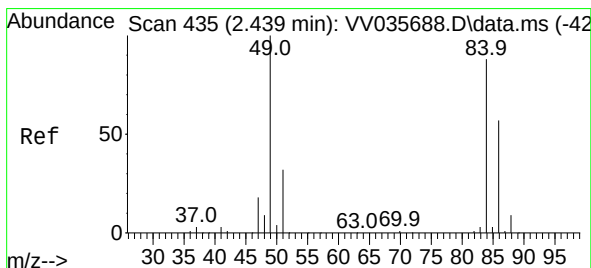
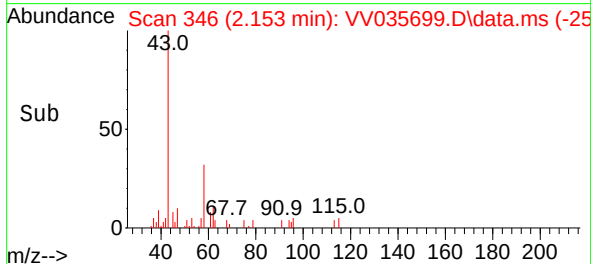
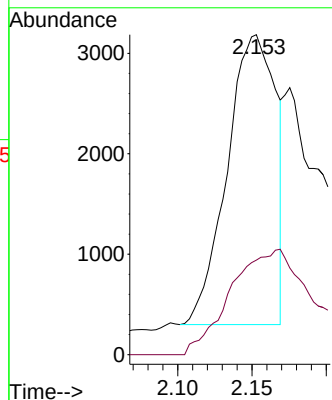
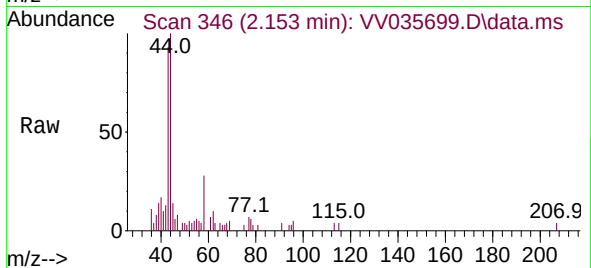
ClientSampleId :

Tgt Ion: 43 Resp: 6556

Ion Ratio Lower Upper

43 100

58 0.9 0.0 22.8



#16

Methylene chloride

Concen: 6.802 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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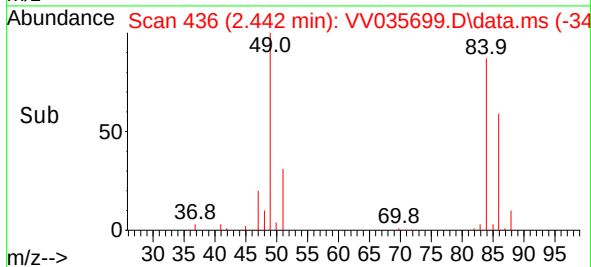
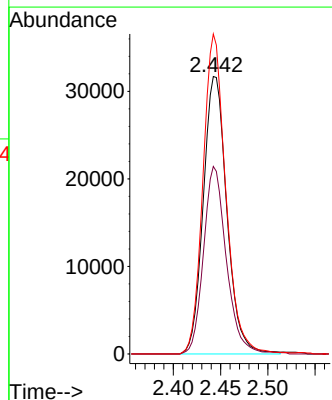
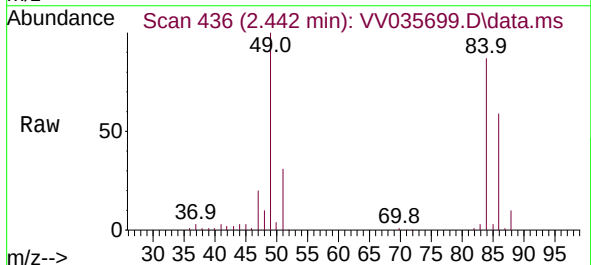
Tgt Ion: 84 Resp: 55120

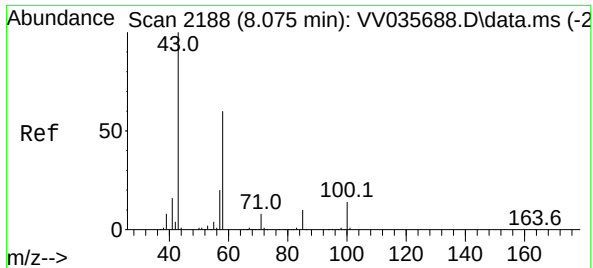
Ion Ratio Lower Upper

84 100

86 67.5 43.8 81.3

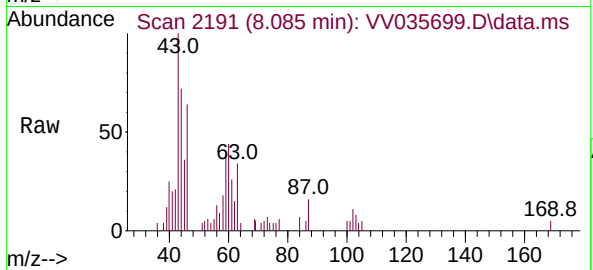
49 115.3 75.3 139.9





#48
 2-Hexanone
 Concen: 2.540 ug/L
 RT: 8.085 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV035699.D
 Acq: 23 May 2024 13:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 5782

Ion	Ratio	Lower	Upper
43	100		
58	5.2	48.8	73.2#
57	0.7	16.9	25.3#
100	2.1	11.7	17.5#

