

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035669.D
 Acq On : 22 May 2024 12:49
 Operator : SY/MD
 Sample : P2547-01
 Misc : 4.80g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 02:22:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

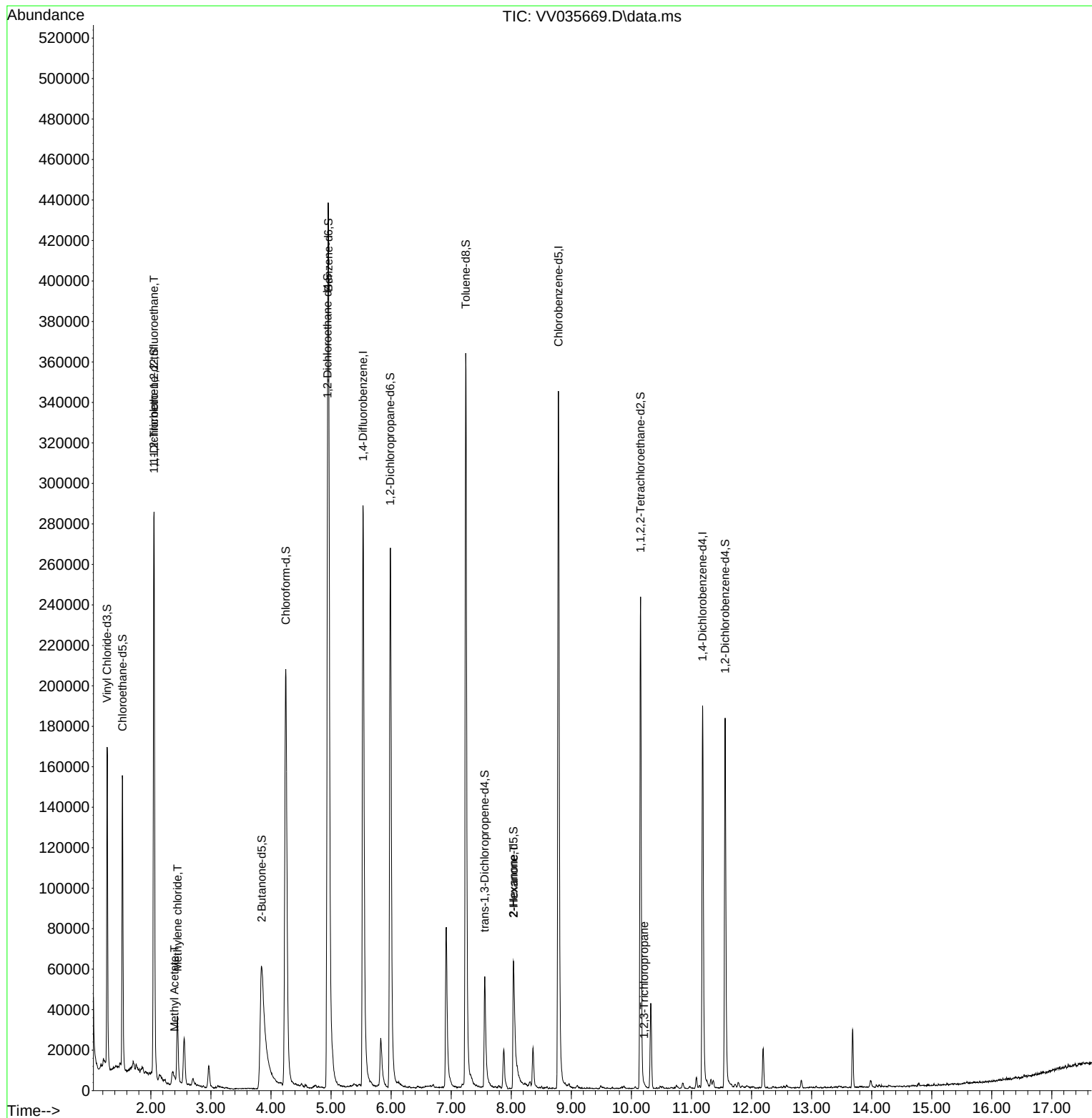
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	260269	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	206300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	53222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	103970	25.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.400%
7) Chloroethane-d5	1.526	69	96941	29.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.480%
11) 1,1-Dichloroethene-d2	2.050	65	47494	26.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.680%
21) 2-Butanone-d5	3.844	46	18947	16.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.200%
24) Chloroform-d	4.246	84	236378	30.549	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.200%
26) 1,2-Dichloroethane-d4	4.940	65	134805	35.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	140.960%#
32) Benzene-d6	4.956	84	387643	34.327	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.320%#
36) 1,2-Dichloropropane-d6	5.985	67	143262	41.108	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	164.440%#
41) Toluene-d8	7.243	98	260524	25.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.680%
43) trans-1,3-Dichloroprop...	7.558	79	37072	24.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.480%
47) 2-Hexanone-d5	8.037	63	24580	39.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.440%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123195	36.685	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.720%#
66) 1,2-Dichlorobenzene-d4	11.561	152	50203	27.180	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.720%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1993	0.441	ug/L #	44
15) Methyl Acetate	2.391	43	1460	0.577	ug/L #	90
16) Methylene chloride	2.442	84	14763	2.460	ug/L	95
48) 2-Hexanone	8.040	43	2992	1.870	ug/L #	61
61) 1,2,3-Trichloropropane	10.213	75	561	0.450	ug/L #	71

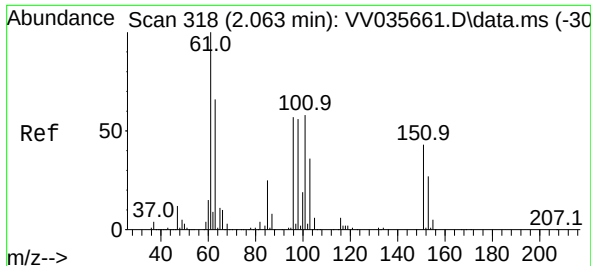
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 23 02:17:29 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.441 ug/L

RT: 2.053 min Scan# 318

Delta R.T. -0.010 min

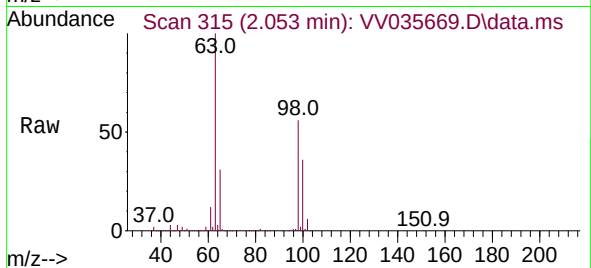
Lab File: VV035669.D

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Instrument :

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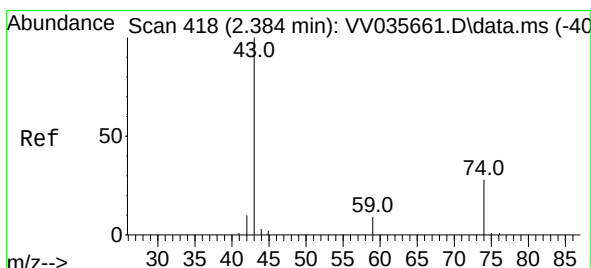
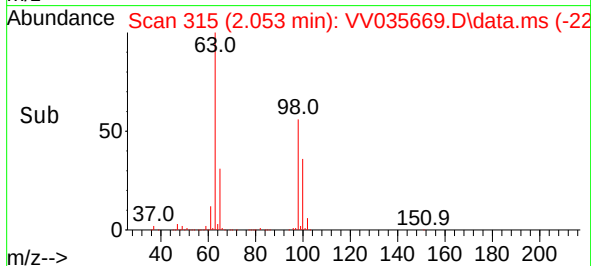
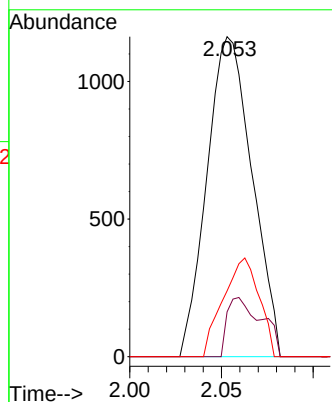
Tgt Ion:101 Resp: 1993

Ion Ratio Lower Upper

101 100

85 10.2 34.2 51.4#

151 24.5 59.5 89.3#



#15

Methyl Acetate

Concen: 0.577 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.006 min

Lab File: VV035669.D

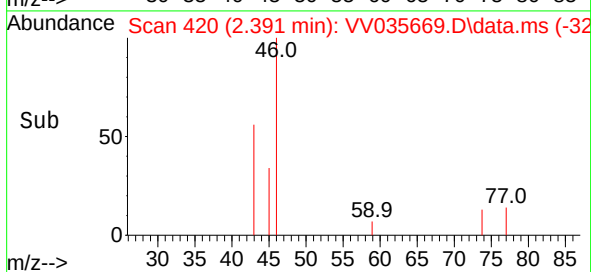
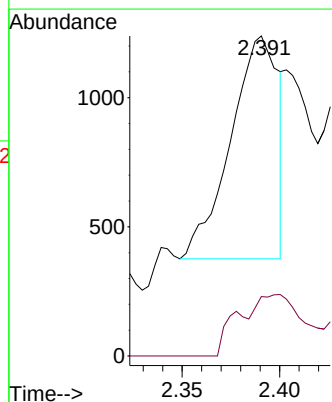
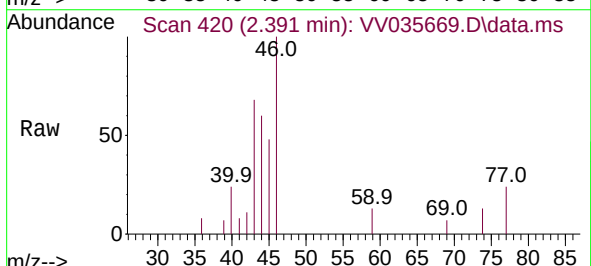
Acq: 22 May 2024 12:49

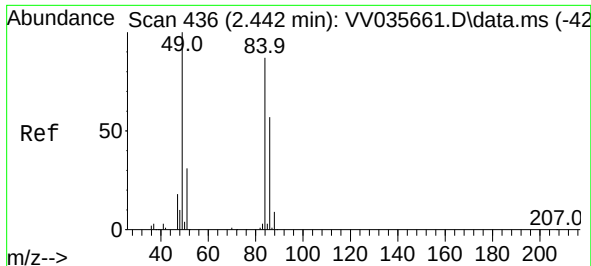
Tgt Ion: 43 Resp: 1460

Ion Ratio Lower Upper

43 100

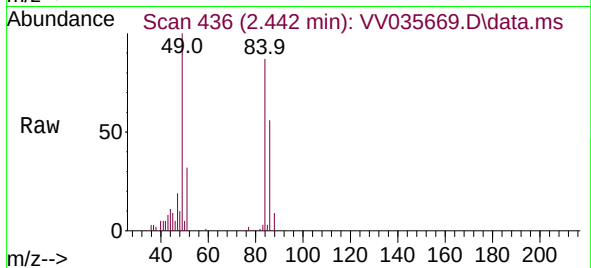
74 28.2 18.6 27.8#





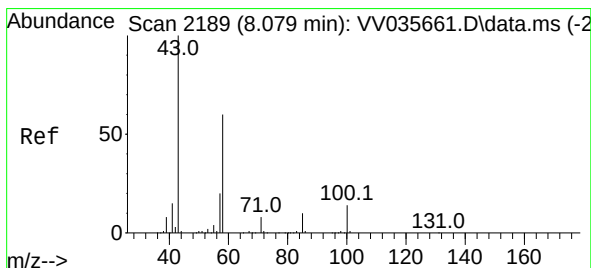
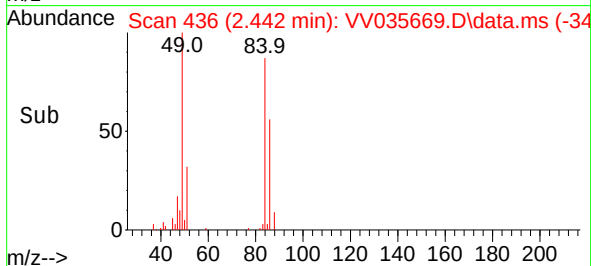
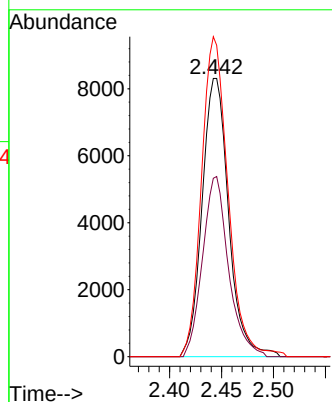
#16
Methylene chloride
Concen: 2.460 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035669.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 14763

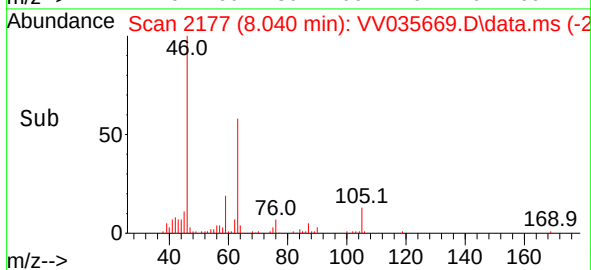
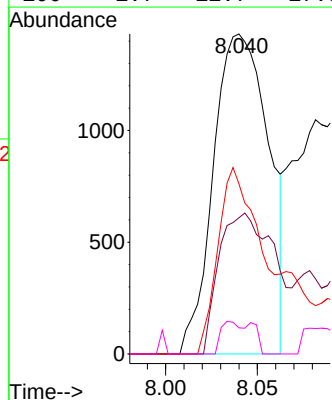
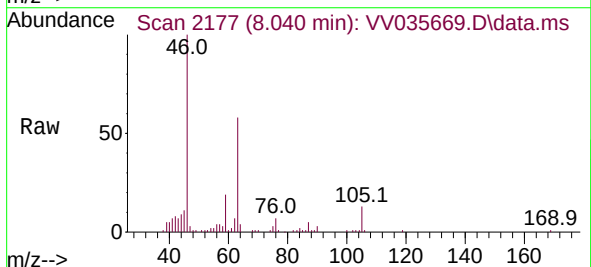
Ion	Ratio	Lower	Upper
84	100		
86	64.1	43.8	81.3
49	115.0	75.3	139.9

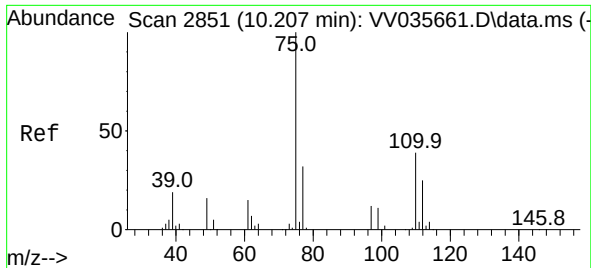


#48
2-Hexanone
Concen: 1.870 ug/L
RT: 8.040 min Scan# 2177
Delta R.T. -0.039 min
Lab File: VV035669.D
Acq: 22 May 2024 12:49

Tgt Ion: 43 Resp: 2992

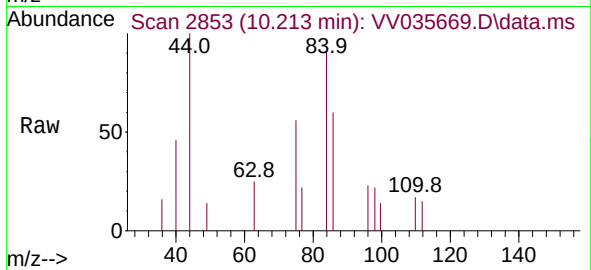
Ion	Ratio	Lower	Upper
43	100		
58	32.7	48.8	73.2#
57	43.5	16.9	25.3#
100	1.7	11.7	17.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.450 ug/L
 RT: 10.213 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV035669.D
 Acq: 22 May 2024 12:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 561
 Ion Ratio Lower Upper
 75 100
 77 20.5 25.7 38.5#
 110 18.2 31.8 47.8#

