

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035651.D
 Acq On : 21 May 2024 20:15
 Operator : SY/MD
 Sample : P2547-21
 Misc : 5.74g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

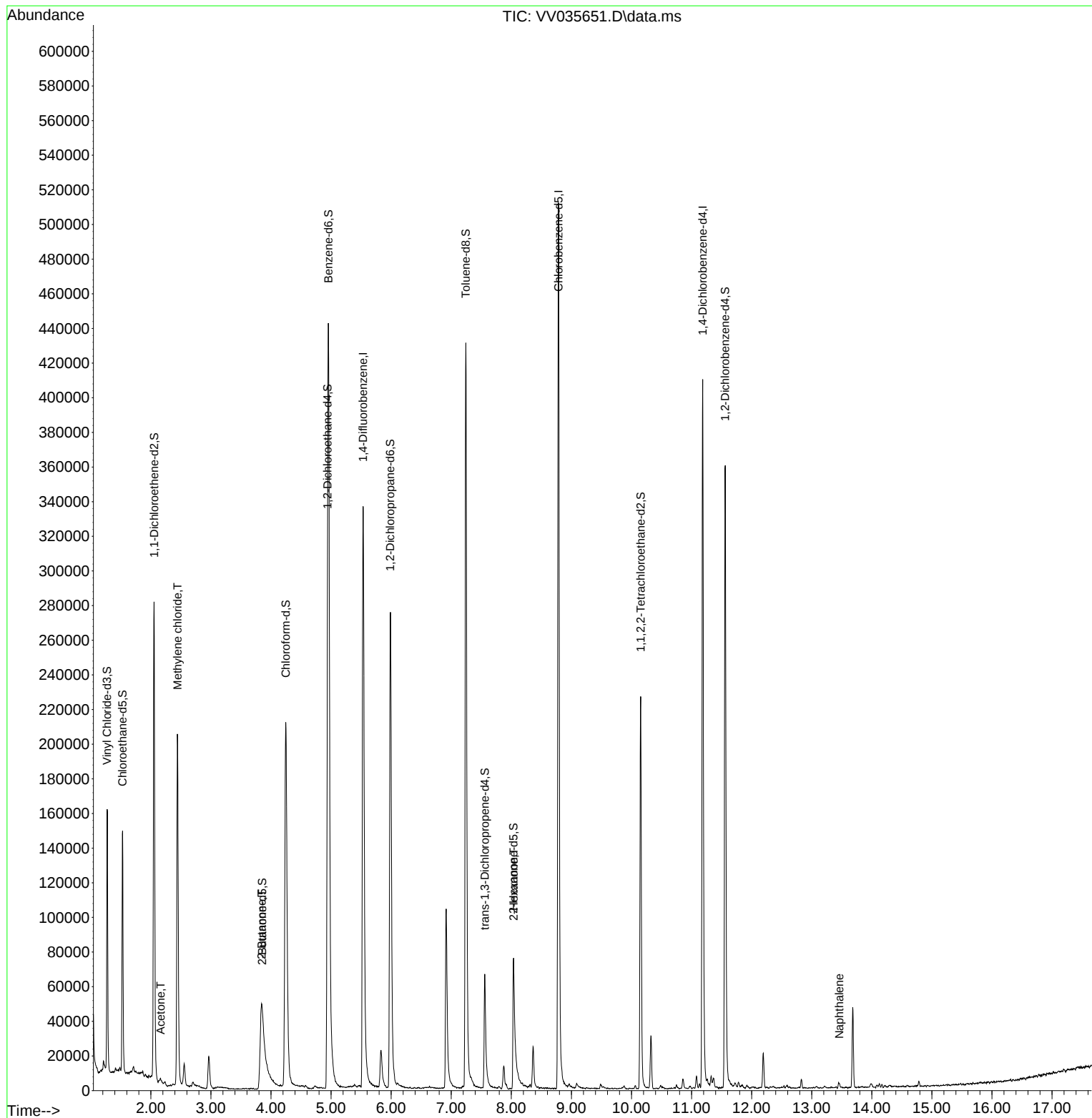
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	309039	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	302543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112142	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	102069	21.369	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
7) Chloroethane-d5	1.529	69	92645	24.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	2.053	65	46502	21.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.960%
21) 2-Butanone-d5	3.854	46	41444	30.574	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.140%
24) Chloroform-d	4.246	84	242228	26.365	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.440%
26) 1,2-Dichloroethane-d4	4.940	65	123514	27.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.760%
32) Benzene-d6	4.957	84	411172	24.828	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.320%
36) 1,2-Dichloropropane-d6	5.985	67	147929	28.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.760%
41) Toluene-d8	7.243	98	306994	20.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.320%
43) trans-1,3-Dichloroprop...	7.558	79	43560	19.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.720%
47) 2-Hexanone-d5	8.037	63	28956	31.508	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.020%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114318	23.212	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	99624	25.598	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
13) Acetone	2.162	43	3625	1.827	ug/L	78
16) Methylene chloride	2.442	84	91728	12.872	ug/L	97
22) 2-Butanone	3.844	43	1677	0.910	ug/L #	56
48) 2-Hexanone	8.040	43	3530	1.505	ug/L #	73
71) Naphthalene	13.458	128	3078	0.343	ug/L #	89

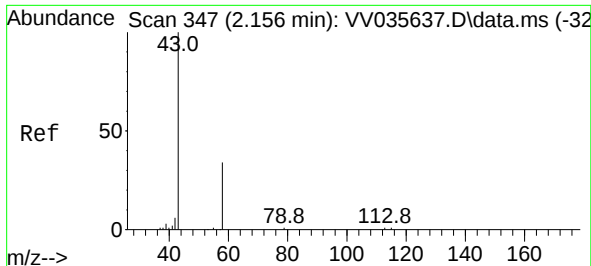
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.827 ug/L

RT: 2.162 min Scan# 347

Delta R.T. 0.006 min

Lab File: VV035651.D

Acq: 21 May 2024 20:15

Instrument :

MSVOA_V

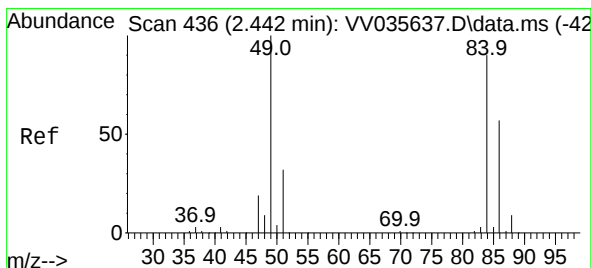
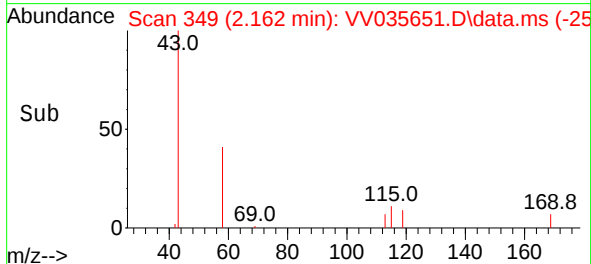
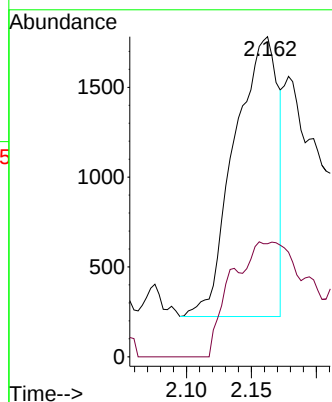
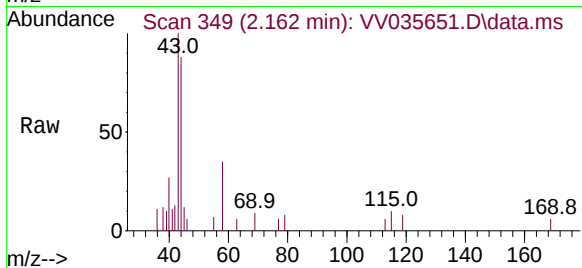
ClientSampleId :

Tgt Ion: 43 Resp: 3625

Ion Ratio Lower Upper

43 100

58 3.1 0.0 22.8



#16

Methylene chloride

Concen: 12.872 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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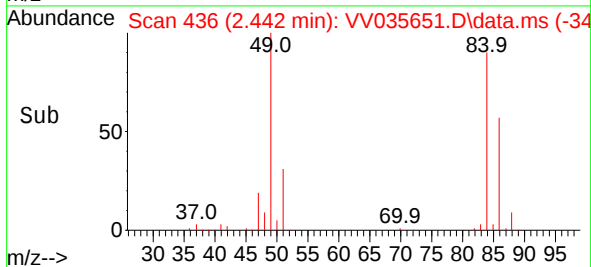
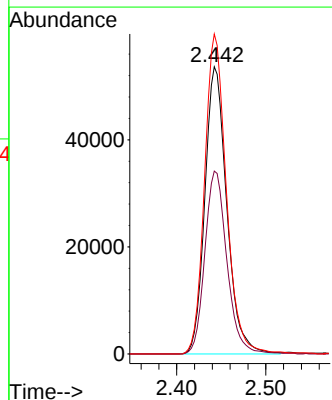
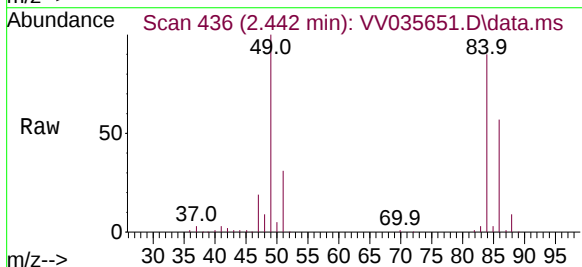
Tgt Ion: 84 Resp: 91728

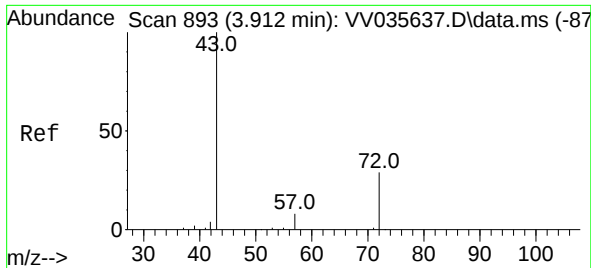
Ion Ratio Lower Upper

84 100

86 63.7 43.8 81.3

49 111.4 75.3 139.9

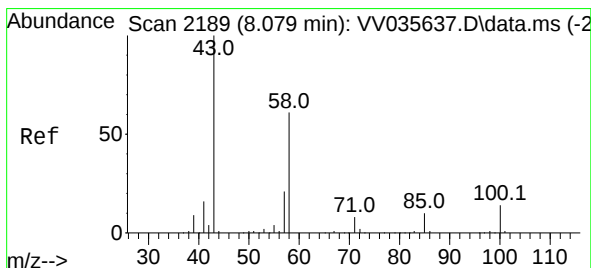
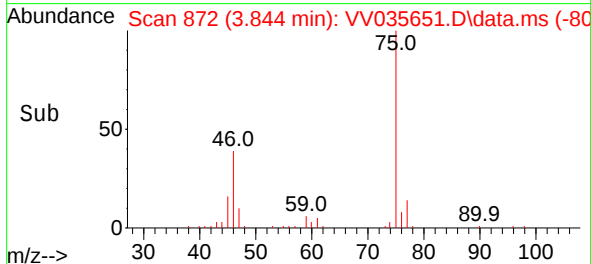
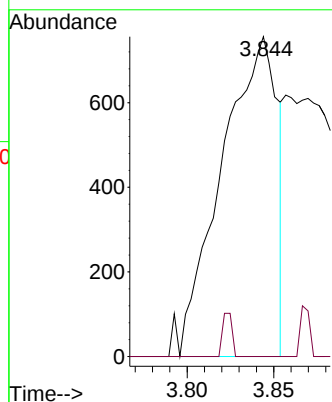
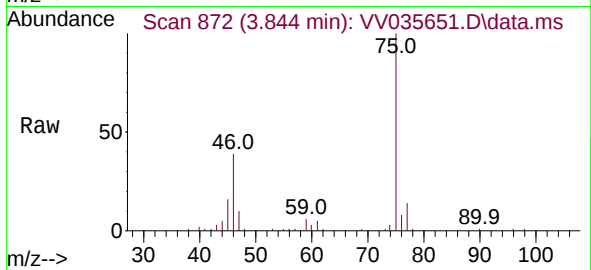




#22
2-Butanone
Concen: 0.910 ug/L
RT: 3.844 min Scan# 81
Delta R.T. -0.068 min
Lab File: VV035651.D
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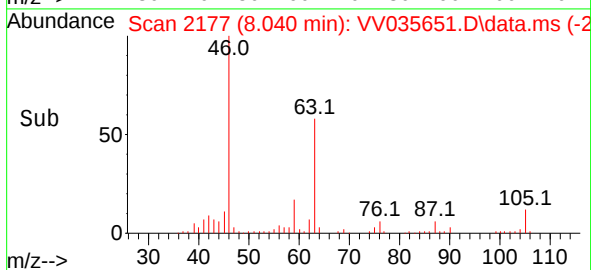
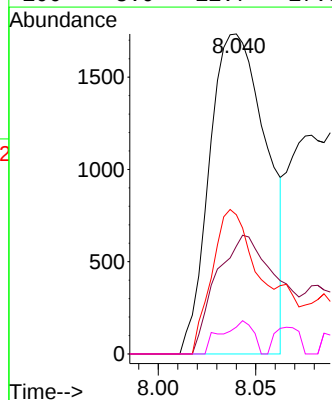
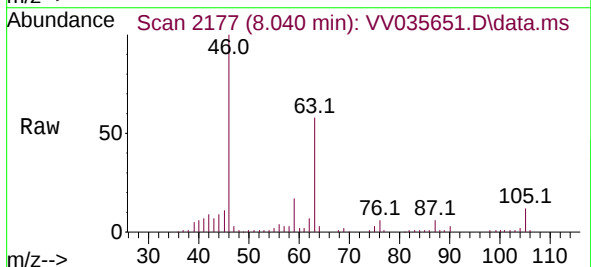
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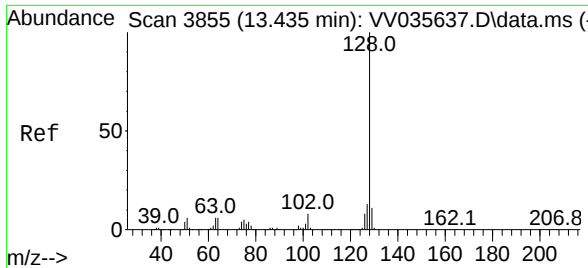
Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
72 2.6 12.3 36.9#



#48
2-Hexanone
Concen: 1.505 ug/L
RT: 8.040 min Scan# 2177
Delta R.T. -0.039 min
Lab File: VV035651.D
Acq: 21 May 2024 20:15

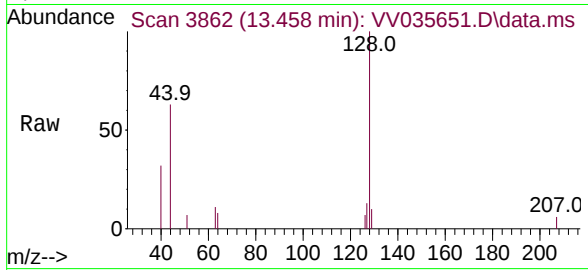
Tgt Ion: 43 Resp: 3530
Ion Ratio Lower Upper
43 100
58 40.8 48.8 73.2#
57 35.8 16.9 25.3#
100 3.9 11.7 17.5#





#71
Naphthalene
Concen: 0.343 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.022 min
Lab File: VV035651.D
Acq: 21 May 2024 20:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	3078
Ion Ratio	100	Lower	Upper
128	100		
127	9.0	10.4	15.6#
129	6.3	8.6	13.0#

