

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035874.D
 Acq On : 29 May 2024 19:06
 Operator : SY/MD
 Sample : P2632-19
 Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:21:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

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

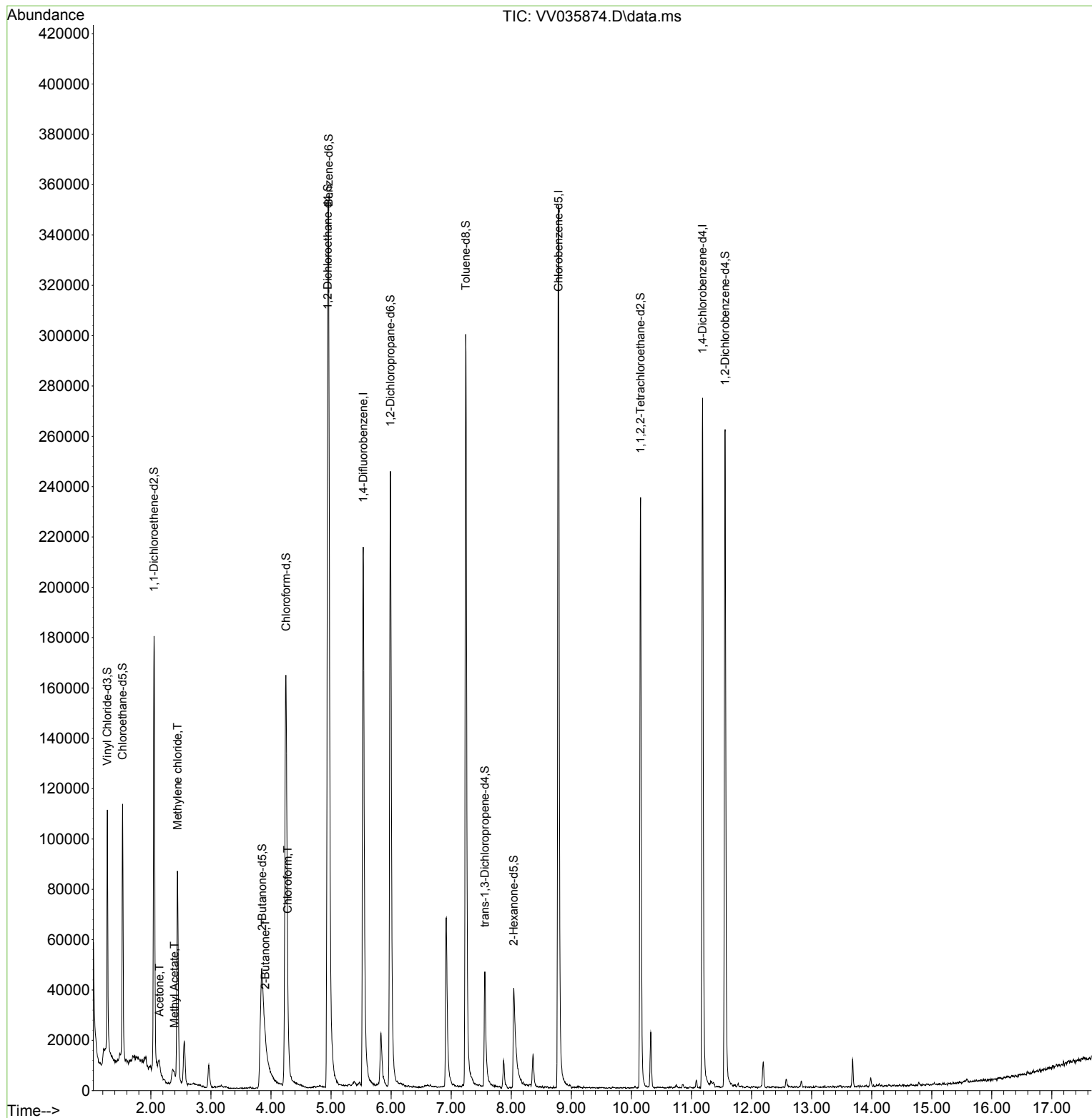
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	193306	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	206824	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75261	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61524	20.592	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
7) Chloroethane-d5	1.529	69	65434	27.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.053	65	29788	22.520	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.080%
21) 2-Butanone-d5	3.854	46	25830	30.463	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.920%
24) Chloroform-d	4.249	84	183587	31.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	127.800%
26) 1,2-Dichloroethane-d4	4.944	65	120750	42.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	170.000%#
32) Benzene-d6	4.960	84	299017	26.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	5.989	67	127195	36.405	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.640%#
41) Toluene-d8	7.243	98	213825	21.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.880%
43) trans-1,3-Dichloroprop...	7.561	79	30759	20.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.320%
47) 2-Hexanone-d5	8.040	63	14384	22.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	119244	35.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	141.680%#
66) 1,2-Dichlorobenzene-d4	11.561	152	72446	27.737	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.960%
Target Compounds						Qvalue
13) Acetone	2.143	43	7800	6.284	ug/L	87
15) Methyl Acetate	2.391	43	1363	0.725	ug/L #	61
16) Methylene chloride	2.445	84	36199	8.121	ug/L	93
22) 2-Butanone	3.905	43	1227	1.064	ug/L #	58
25) Chloroform	4.278	83	6312	0.969	ug/L	99

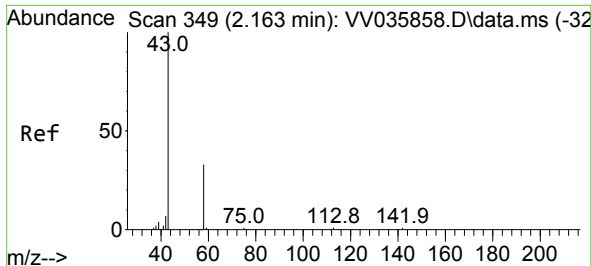
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.284 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV035874.D

Acq: 29 May 2024 19:06

Instrument :

MSVOA_V

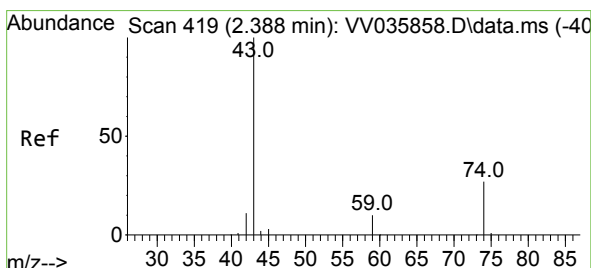
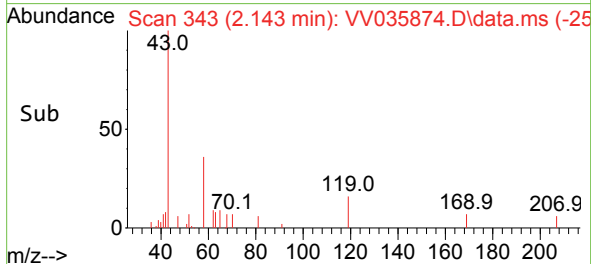
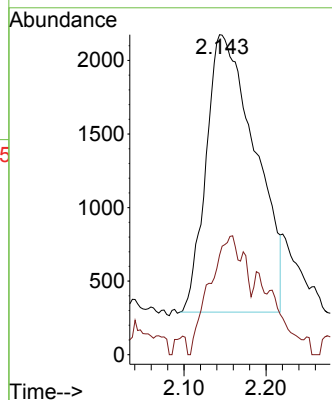
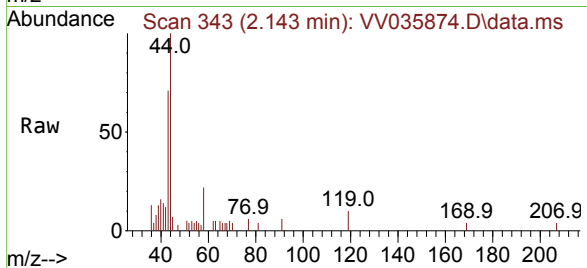
ClientSampleId :

Tgt Ion: 43 Resp: 7800

Ion Ratio Lower Upper

43 100

58 6.6 0.0 22.8



#15

Methyl Acetate

Concen: 0.725 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.003 min

Lab File: VV035874.D

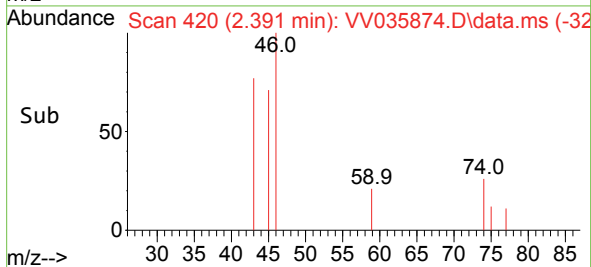
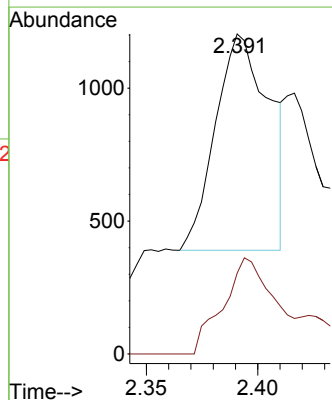
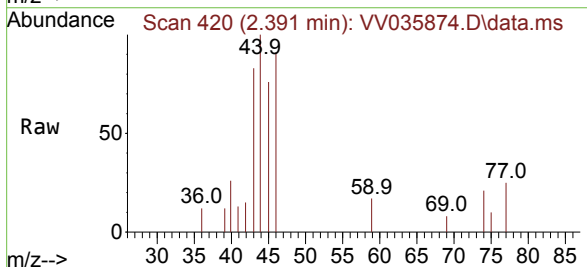
Acq: 29 May 2024 19:06

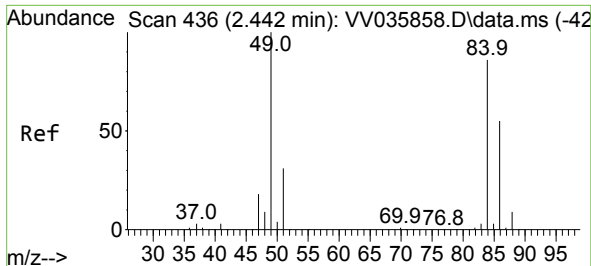
Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

43 100

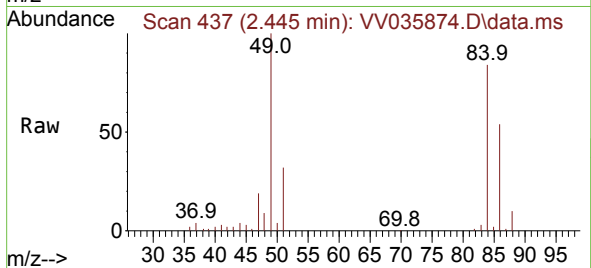
74 42.4 18.6 27.8#



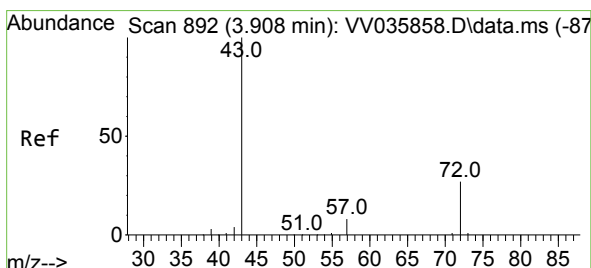
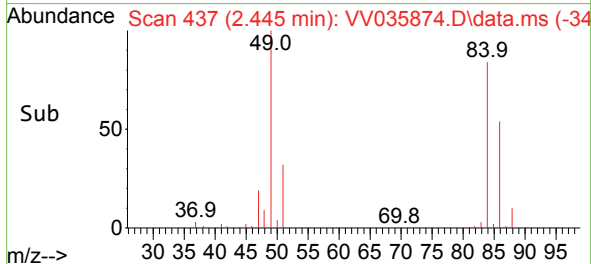
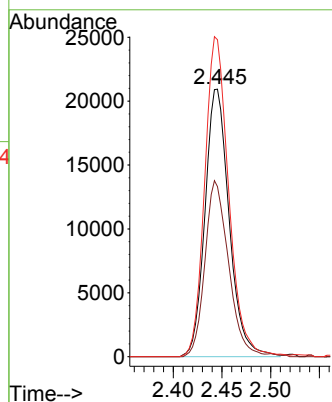


#16
Methylene chloride
Concen: 8.121 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035874.D
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Instrument :
MSVOA_V
ClientSampleId :

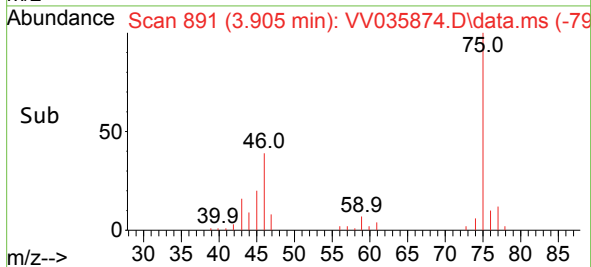
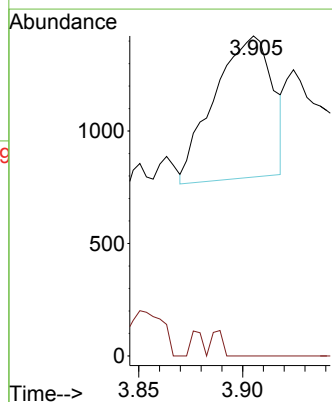
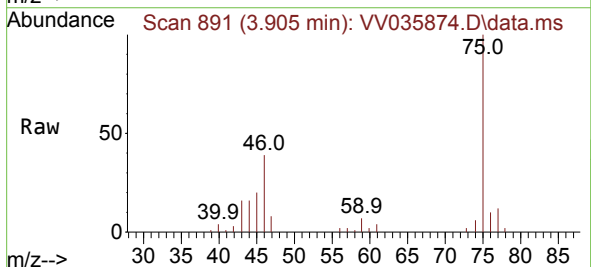


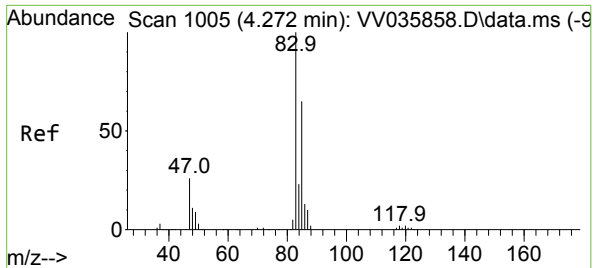
Tgt Ion: 84 Resp: 36199
Ion Ratio Lower Upper
84 100
86 63.5 43.8 81.3
49 118.5 75.3 139.9



#22
2-Butanone
Concen: 1.064 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV035874.D
Acq: 29 May 2024 19:06

Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
72 3.4 12.3 36.9#





#25
 Chloroform
 Concen: 0.969 ug/L
 RT: 4.278 min Scan# 10
 Delta R.T. 0.006 min
 Lab File: VV035874.D
 Acq: 29 May 2024 19:06

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 6312
 Ion Ratio Lower Upper
 83 100
 85 64.4 44.7 82.9

