

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035872.D
 Acq On : 29 May 2024 18:21
 Operator : SY/MD
 Sample : P2632-17
 Misc : 3.96g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:20:38 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)

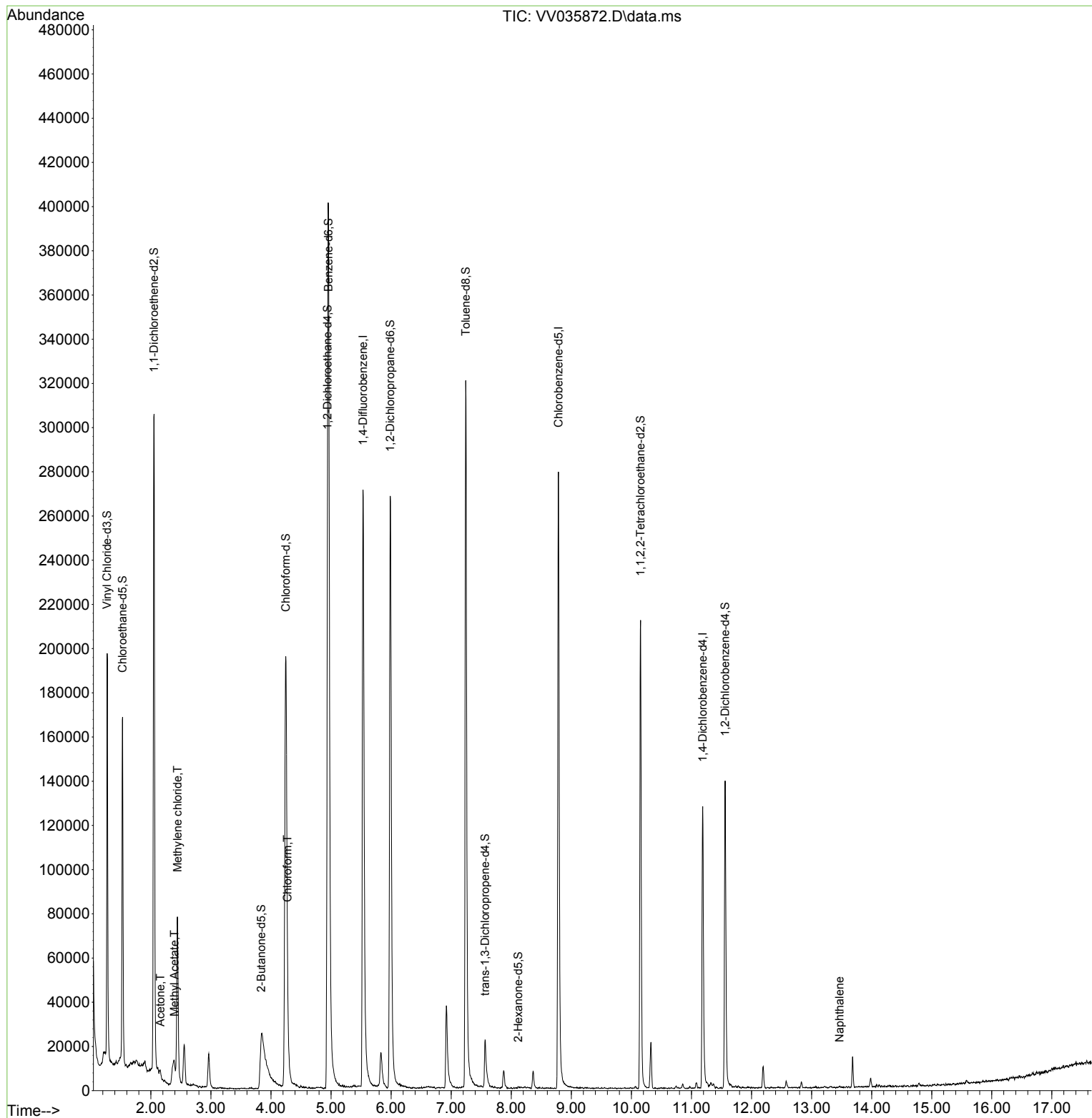
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	244482	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	164876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	36915	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	123188	32.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.400%	
7) Chloroethane-d5		1.529	69	105717	34.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.720%	
11) 1,1-Dichloroethene-d2		2.050	65	54287	32.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	129.800%#	
21) 2-Butanone-d5		3.838	46	402	0.375	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.740%#	
24) Chloroform-d		4.246	84	218802	30.103	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.400%	
26) 1,2-Dichloroethane-d4		4.940	65	105866	29.463	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.840%	
32) Benzene-d6		4.957	84	360766	39.973	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	159.880%#	
36) 1,2-Dichloropropane-d6		5.985	67	140915	50.593	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	202.360%#	
41) Toluene-d8		7.243	98	231346	28.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.200%	
43) trans-1,3-Dichloroprop...		7.564	79	16441	13.802	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.200%	
47) 2-Hexanone-d5		8.117	63	92	0.184	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.360%#	
56) 1,1,2,2-Tetrachloroeth...		10.152	84	107666	40.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	160.480%#	
66) 1,2-Dichlorobenzene-d4		11.561	152	38372	29.952	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.800%	
Target Compounds							
						Qvalue	
13) Acetone		2.159	43	5264	3.353	ug/L	86
15) Methyl Acetate		2.391	43	11347	4.771	ug/L	99
16) Methylene chloride		2.442	84	32728	5.805	ug/L	97
25) Chloroform		4.275	83	6817	0.827	ug/L	99
71) Naphthalene		13.467	128	887	0.300	ug/L #	69

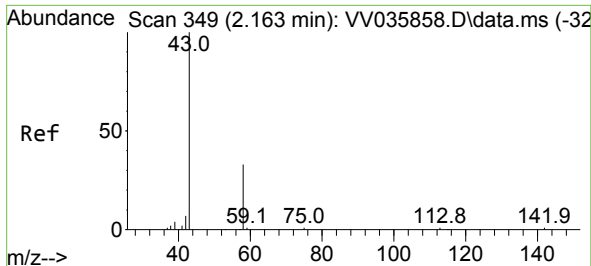
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 3.353 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV035872.D

Acq: 29 May 2024 18:21

Instrument :

MSVOA_V

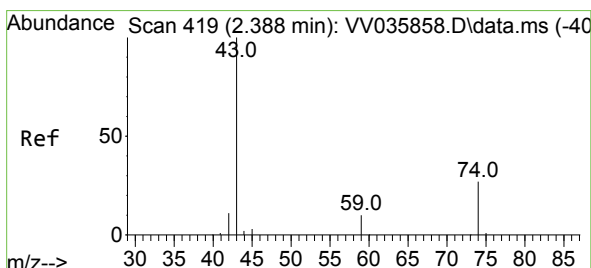
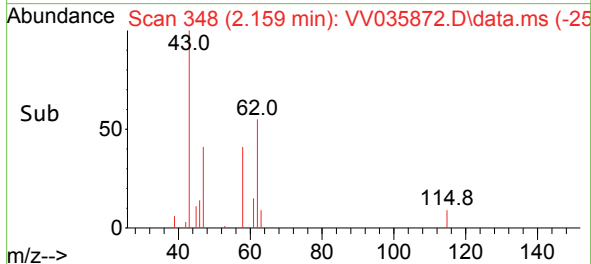
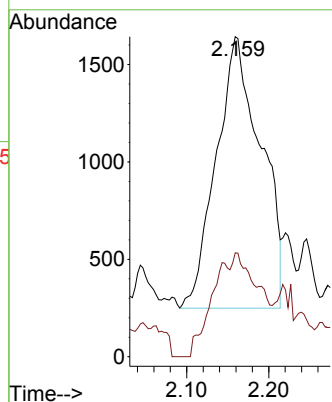
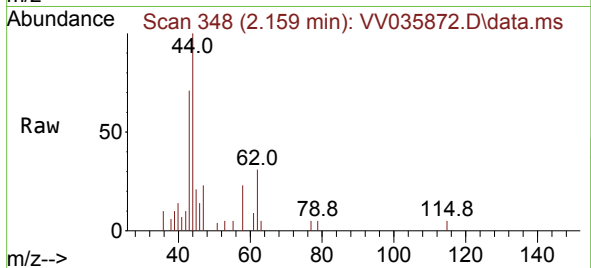
ClientSampleId :

Tgt Ion: 43 Resp: 5264

Ion Ratio Lower Upper

43 100

58 6.0 0.0 22.8



#15

Methyl Acetate

Concen: 4.771 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.003 min

Lab File: VV035872.D

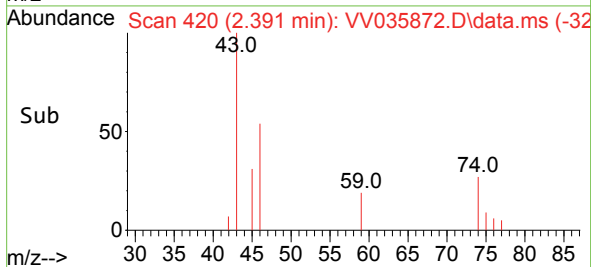
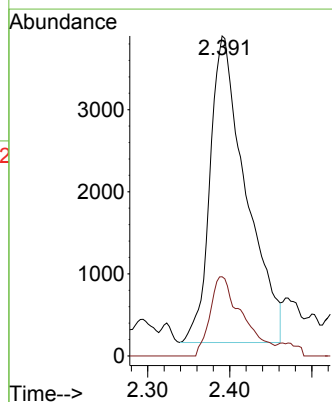
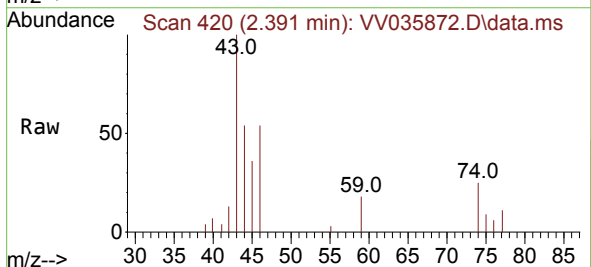
Acq: 29 May 2024 18:21

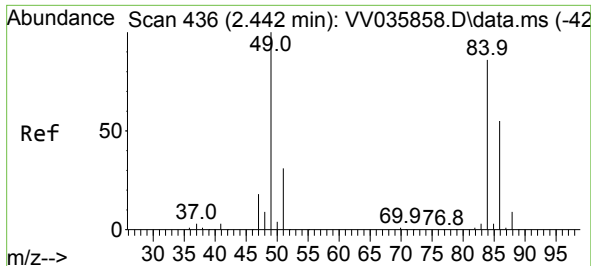
Tgt Ion: 43 Resp: 11347

Ion Ratio Lower Upper

43 100

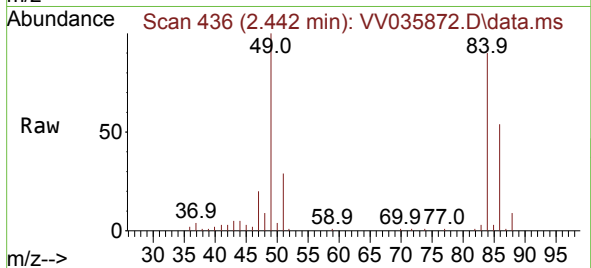
74 23.5 18.6 27.8



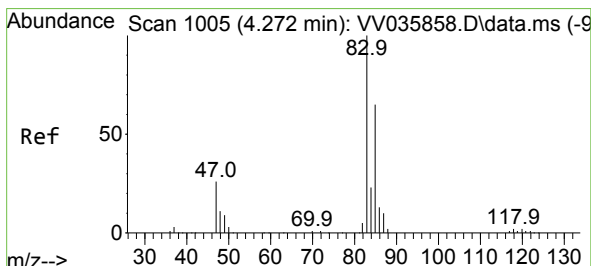
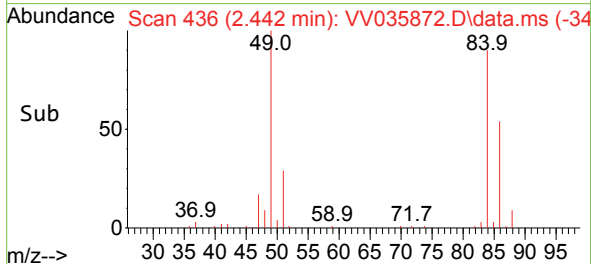
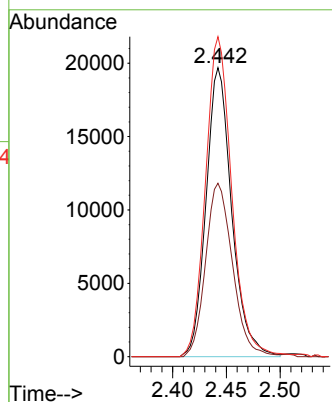


#16
Methylene chloride
Concen: 5.805 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035872.D
Acq: 29 May 2024 18:21

Instrument :
MSVOA_V
ClientSampleId :

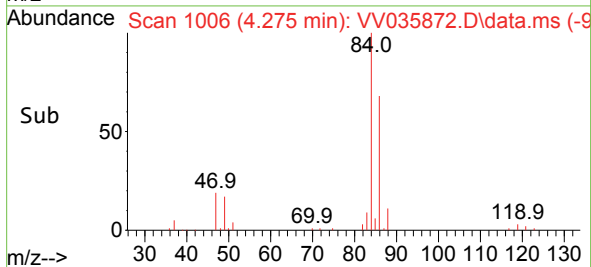
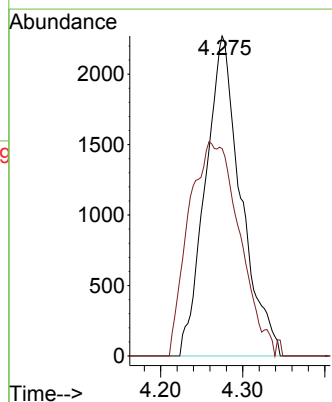
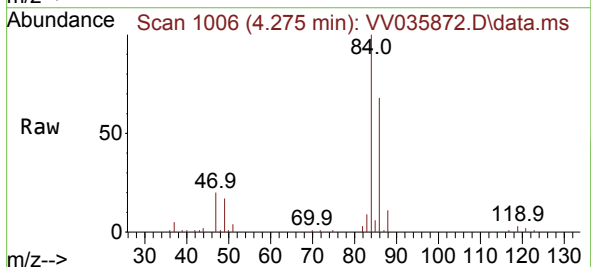


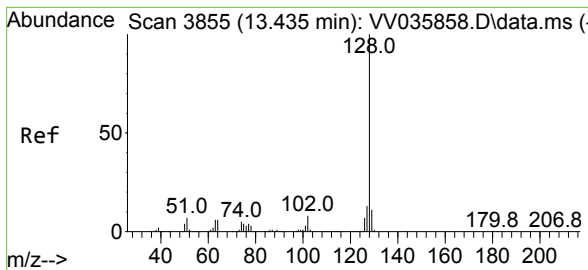
Tgt Ion: 84 Resp: 32728
Ion Ratio Lower Upper
84 100
86 60.0 43.8 81.3
49 110.7 75.3 139.9



#25
Chloroform
Concen: 0.827 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV035872.D
Acq: 29 May 2024 18:21

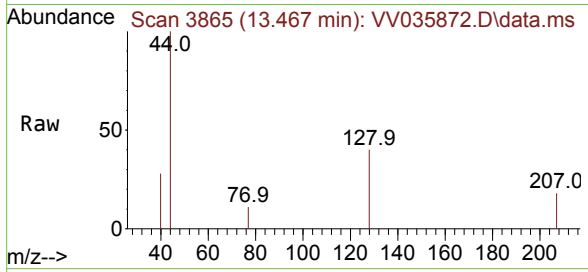
Tgt Ion: 83 Resp: 6817
Ion Ratio Lower Upper
83 100
85 64.8 44.7 82.9





#71
Naphthalene
Concen: 0.300 ug/L
RT: 13.467 min Scan# 3865
Delta R.T. 0.032 min
Lab File: VV035872.D
Acq: 29 May 2024 18:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	887
Ion Ratio	100	Lower	Upper
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#

