

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035655.D
 Acq On : 21 May 2024 21:47
 Operator : SY/MD
 Sample : P2547-15
 Misc : 5.25g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:40:20 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)

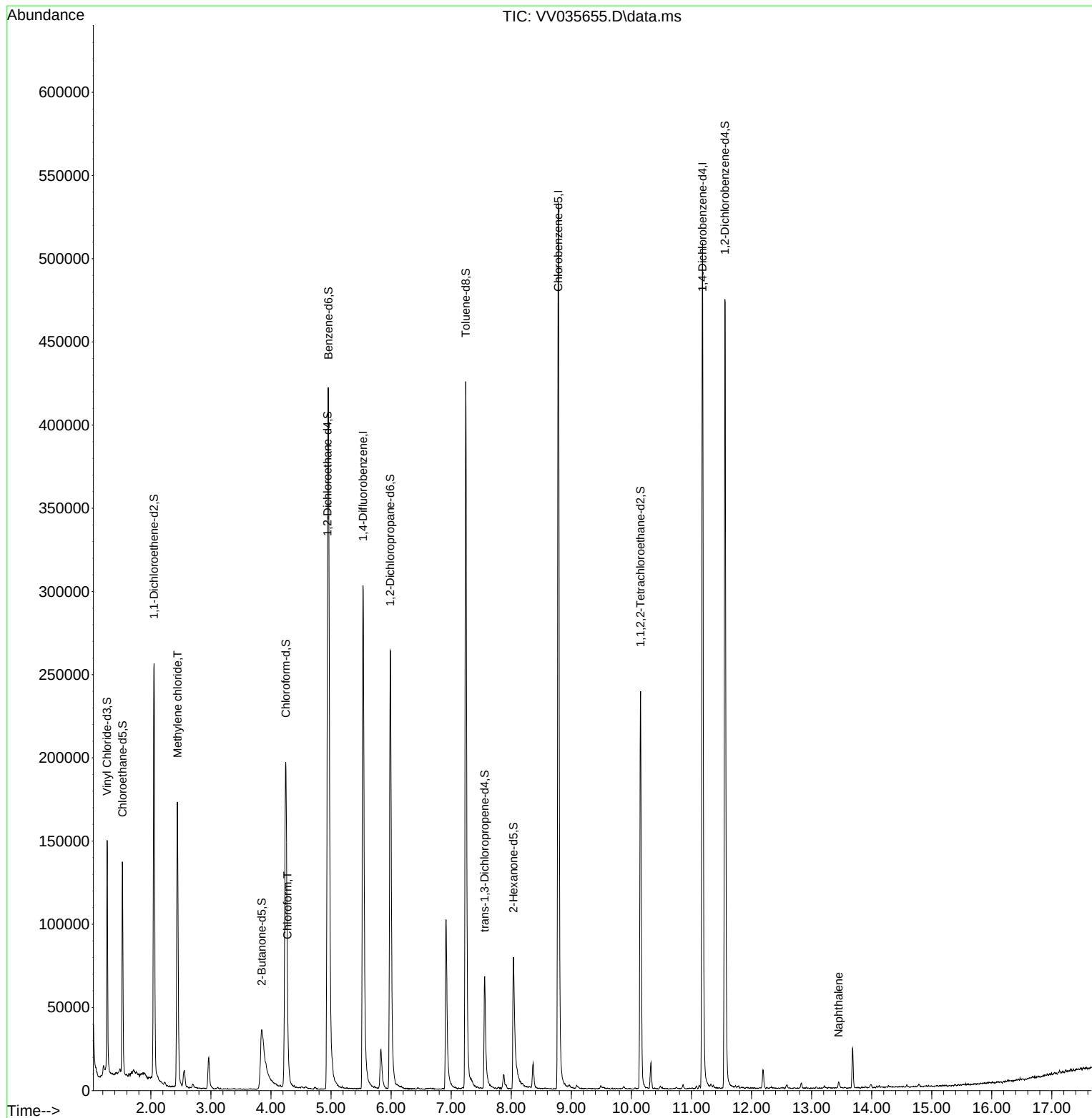
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	277541	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	315469	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	140741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	88920	20.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	1.526	69	84524	24.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.680%
11) 1,1-Dichloroethene-d2	2.053	65	43236	22.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.080%
21) 2-Butanone-d5	3.847	46	17174	14.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.220%
24) Chloroform-d	4.246	84	223732	27.115	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.480%
26) 1,2-Dichloroethane-d4	4.941	65	116439	28.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.200%
32) Benzene-d6	4.957	84	386993	22.410	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	5.986	67	136893	25.687	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.760%
41) Toluene-d8	7.243	98	303401	19.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.960%
43) trans-1,3-Dichloroprop...	7.558	79	46078	20.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.880%
47) 2-Hexanone-d5	8.037	63	30565	31.896	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	121701	23.699	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	129927	26.601	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	76385	11.935	ug/L	95
25) Chloroform	4.275	83	4756	0.508	ug/L	93
71) Naphthalene	13.451	128	3981	0.353	ug/L #	91

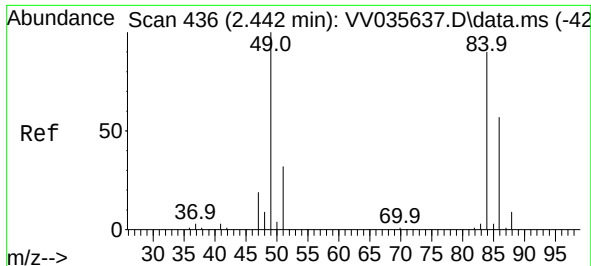
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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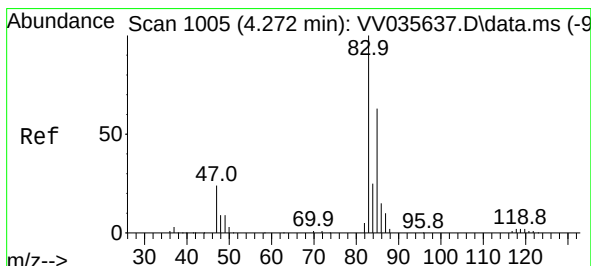
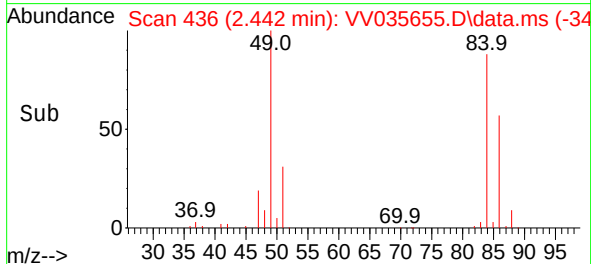
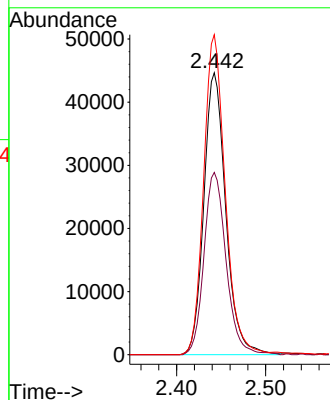
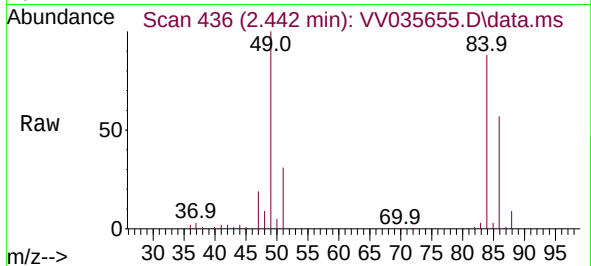




#16
Methylene chloride
Concen: 11.935 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035655.D
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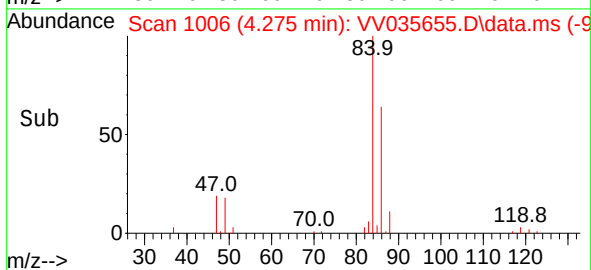
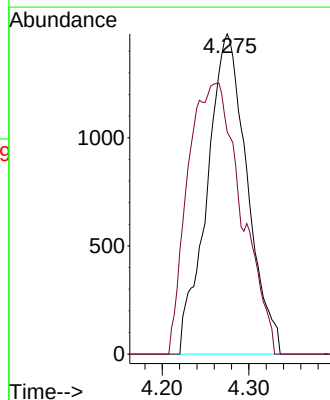
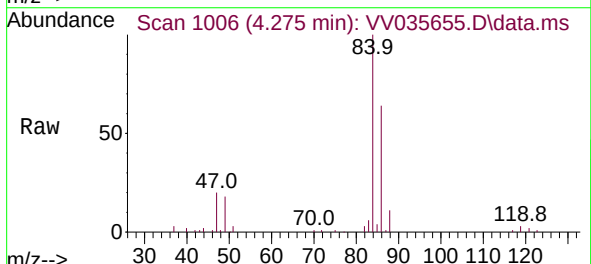
Instrument :
MSVOA_V
ClientSampleId :

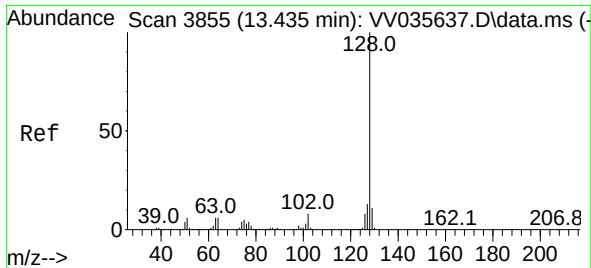
Tgt Ion: 84 Resp: 76385
Ion Ratio Lower Upper
84 100
86 64.7 43.8 81.3
49 113.5 75.3 139.9



#25
Chloroform
Concen: 0.508 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV035655.D
Acq: 21 May 2024 21:47

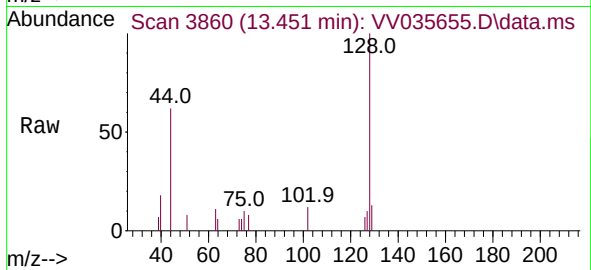
Tgt Ion: 83 Resp: 4756
Ion Ratio Lower Upper
83 100
85 69.3 44.7 82.9





#71
Naphthalene
Concen: 0.353 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV035655.D
Acq: 21 May 2024 21:47

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	3981
Ion Ratio	100	Lower	Upper
128	100		
127	10.5	10.4	15.6
129	6.5	8.6	13.0#

