

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036206.D
 Acq On : 21 Jun 2024 14:55
 Operator : SY/MD
 Sample : P2873-10
 Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

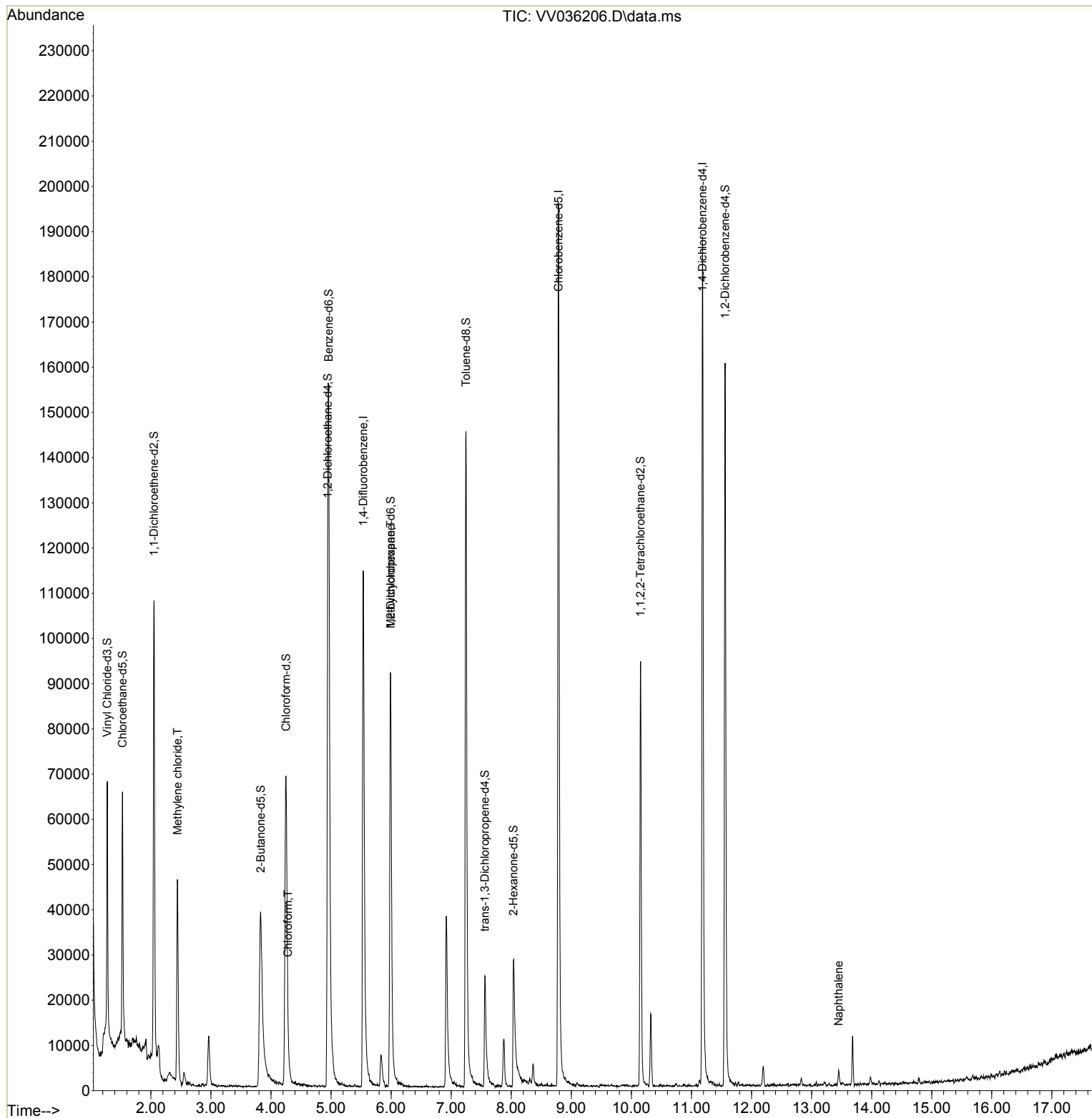
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	103622	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	115064	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	50880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	36610	19.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.880%
7) Chloroethane-d5	1.526	69	34997	23.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	2.053	65	17293	20.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.560%
21) 2-Butanone-d5	3.831	46	19240	44.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.040%
24) Chloroform-d	4.249	84	77235	23.445	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	4.944	65	45216	26.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.720%
32) Benzene-d6	4.960	84	140460	20.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.160%
36) 1,2-Dichloropropane-d6	5.992	67	47943	22.259	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.040%
41) Toluene-d8	7.246	98	103583	17.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.640%
43) trans-1,3-Dichloroprop...	7.561	79	17316	19.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.440%
47) 2-Hexanone-d5	8.037	63	10851	37.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	47322	29.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	43350	23.234	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.920%
Target Compounds						
16) Methylene chloride	2.442	84	19055	8.127	ug/L	98
25) Chloroform	4.281	83	1737	0.503	ug/L	92
35) Methylcyclohexane	5.992	83	12006	3.764	ug/L #	19
71) Naphthalene	13.451	128	3286	0.997	ug/L	96

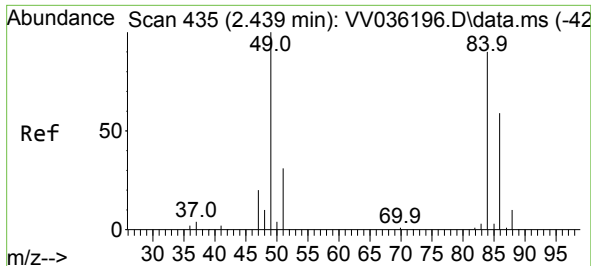
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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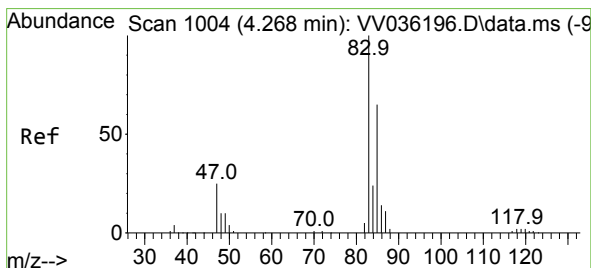
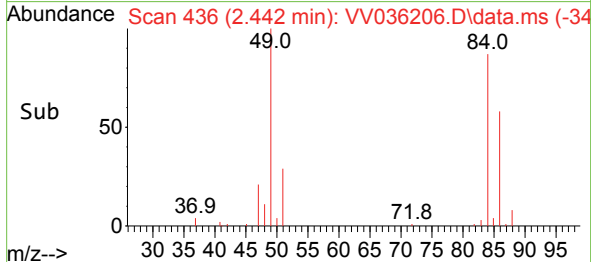
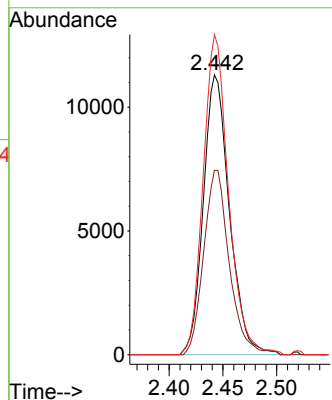
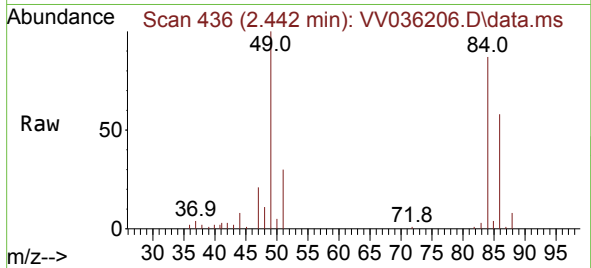




#16
Methylene chloride
Concen: 8.127 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036206.D
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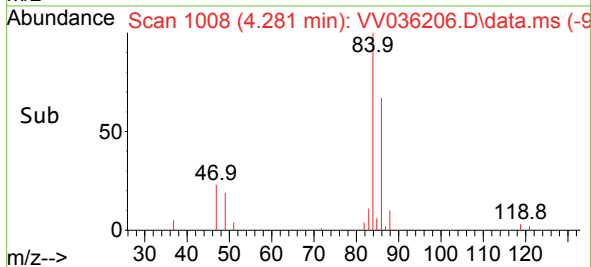
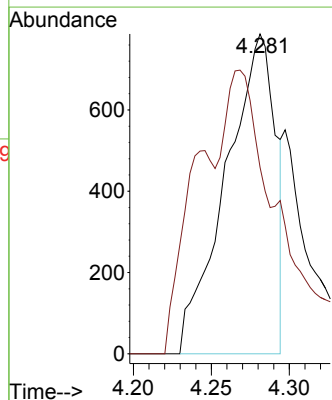
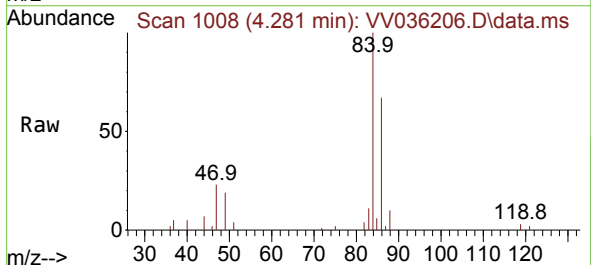
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MSVOA_V
ClientSampleId :

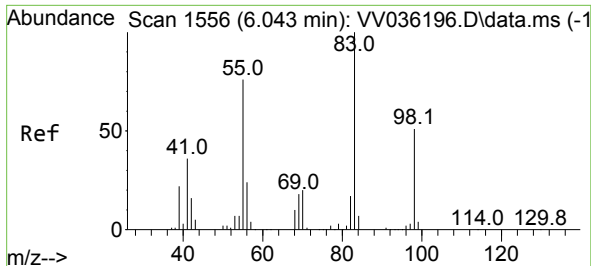
Tgt Ion: 84 Resp: 19055
Ion Ratio Lower Upper
84 100
86 65.9 44.6 82.8
49 114.4 81.1 150.5



#25
Chloroform
Concen: 0.503 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.013 min
Lab File: VV036206.D
Acq: 21 Jun 2024 14:55

Tgt Ion: 83 Resp: 1737
Ion Ratio Lower Upper
83 100
85 58.3 45.2 84.0

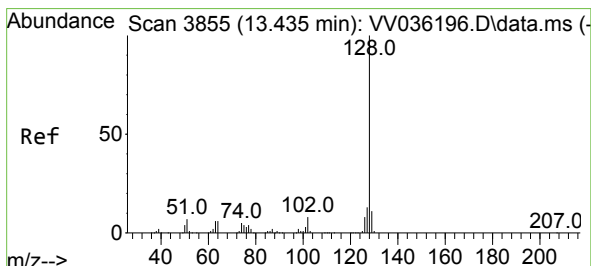
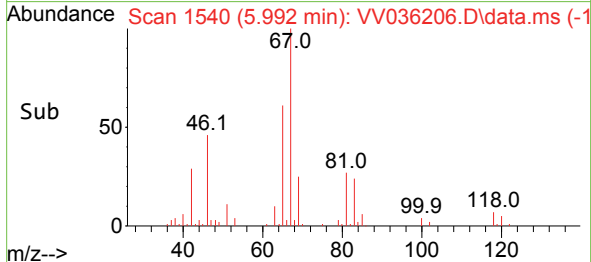
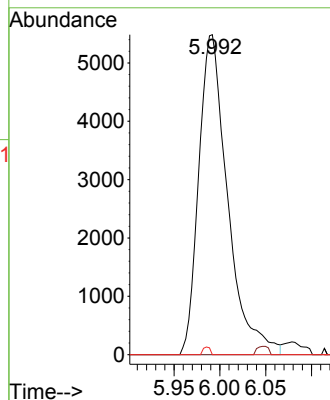
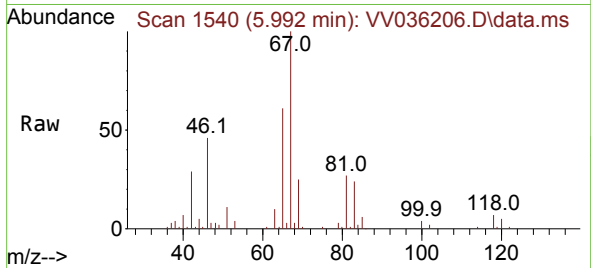




#35
Methylcyclohexane
Concen: 3.764 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.052 min
Lab File: VV036206.D
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Instrument :
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ClientSampleId :

Tgt Ion: 83 Resp: 12006
Ion Ratio Lower Upper
83 100
55 1.0 60.7 91.1#
98 0.6 38.7 58.1#



#71
Naphthalene
Concen: 0.997 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036206.D
Acq: 21 Jun 2024 14:55

Tgt Ion:128 Resp: 3286
Ion Ratio Lower Upper
128 100
127 11.7 10.6 16.0
129 9.6 8.8 13.2

