

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036077.D
 Acq On : 13 Jun 2024 22:12
 Operator : SY/MD
 Sample : P2856-10
 Misc : 3.65g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH2

Quant Time: Jun 14 03:09:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

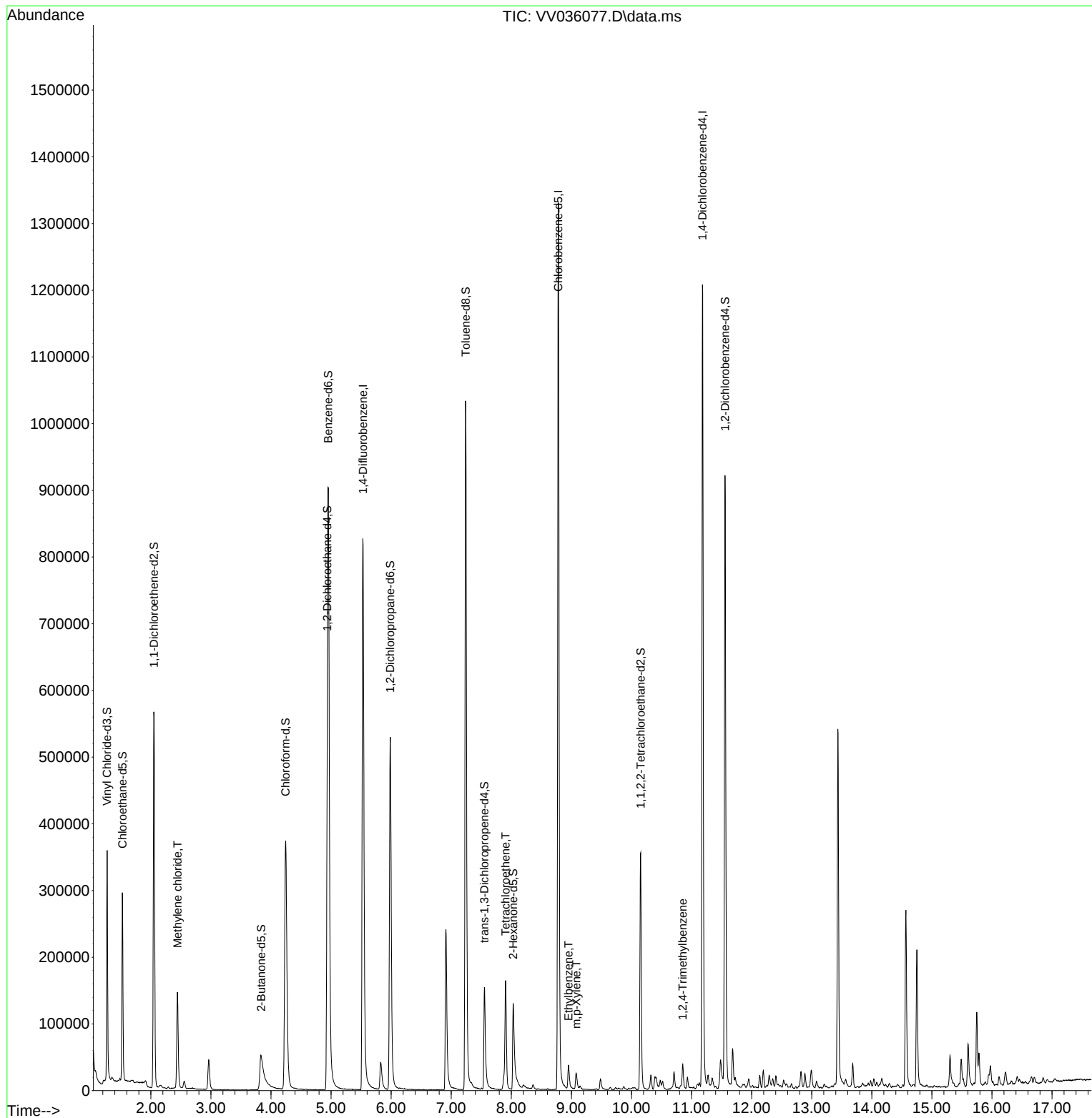
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	740152	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	747761	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	318254	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	236899	17.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
7) Chloroethane-d5	1.526	69	194127	17.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
11) 1,1-Dichloroethene-d2	2.050	65	99926	16.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.000%
21) 2-Butanone-d5	3.838	46	63975	20.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.980%
24) Chloroform-d	4.243	84	423461	17.996	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	4.937	65	229874	18.632	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.520%
32) Benzene-d6	4.953	84	848973	19.100	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.985	67	276449	19.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.000%
41) Toluene-d8	7.239	98	711615	18.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.560%
43) trans-1,3-Dichloroprop...	7.551	79	101038	17.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.400%
47) 2-Hexanone-d5	8.030	63	55861	29.456	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.920%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	178722	17.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	238560	20.441	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.760%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	66048	3.944	ug/L	97
46) Tetrachloroethene	7.905	164	38527	3.514	ug/L	97
52) Ethylbenzene	8.953	91	27597	0.516	ug/L	99
53) m,p-Xylene	9.082	106	7622	0.379	ug/L	92
63) 1,2,4-Trimethylbenzene	10.853	105	18975	0.595	ug/L	98

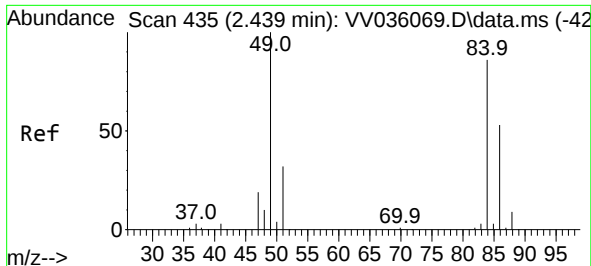
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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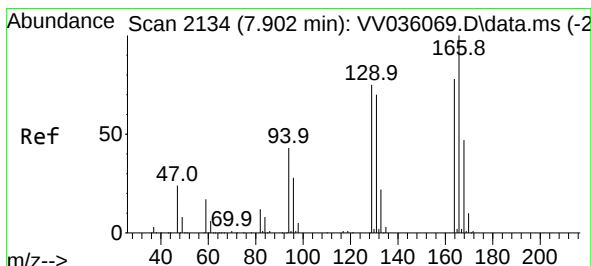
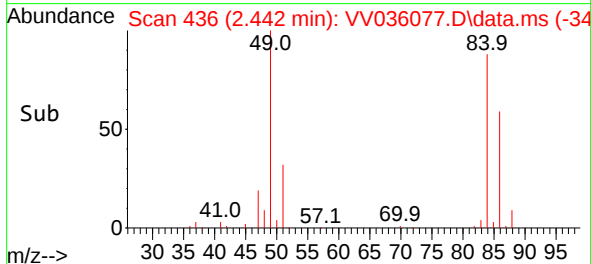
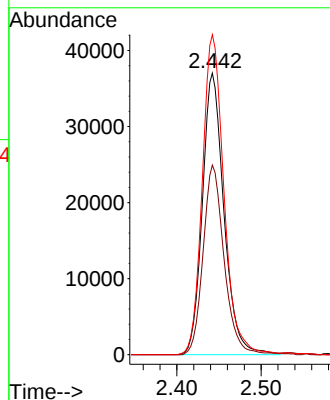
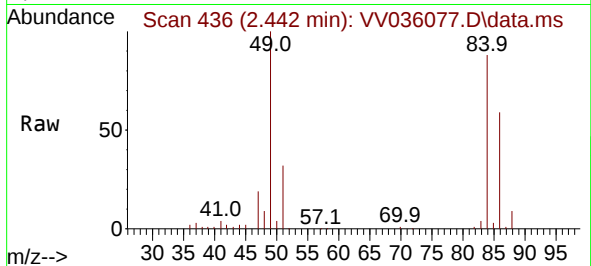




#16
Methylene chloride
Concen: 3.944 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036077.D
Acq: 13 Jun 2024 22:12

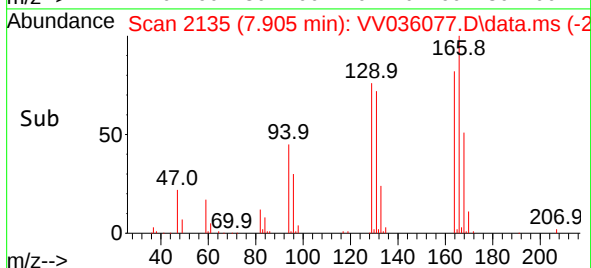
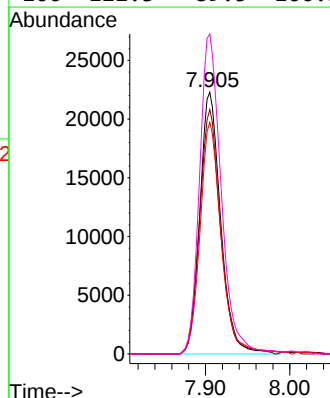
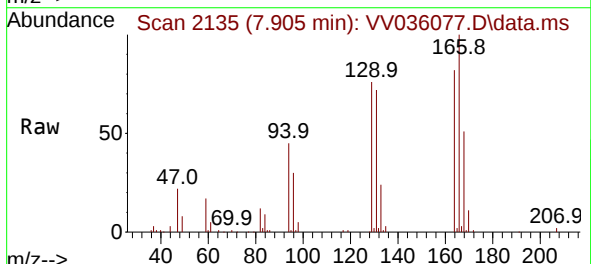
Instrument :
MSVOA_V
ClientSampleId :
C0SH2

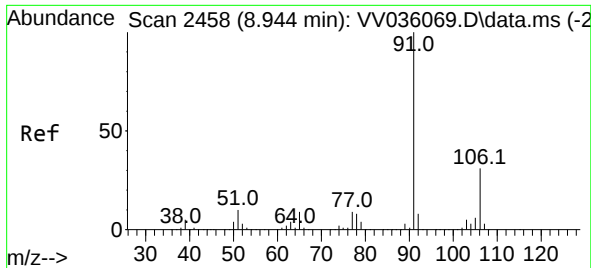
Tgt Ion: 84 Resp: 66048
Ion Ratio Lower Upper
84 100
86 67.4 44.6 82.8
49 113.7 81.1 150.5



#46
Tetrachloroethene
Concen: 3.514 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036077.D
Acq: 13 Jun 2024 22:12

Tgt Ion: 164 Resp: 38527
Ion Ratio Lower Upper
164 100
129 93.3 64.6 120.0
131 88.4 63.2 117.4
166 122.3 89.5 166.3

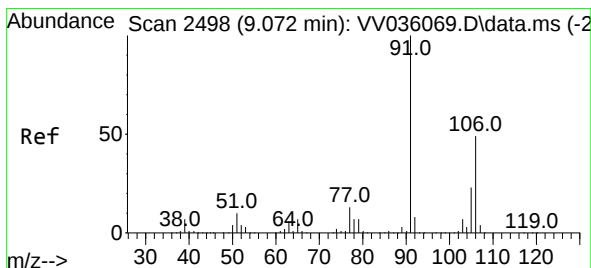
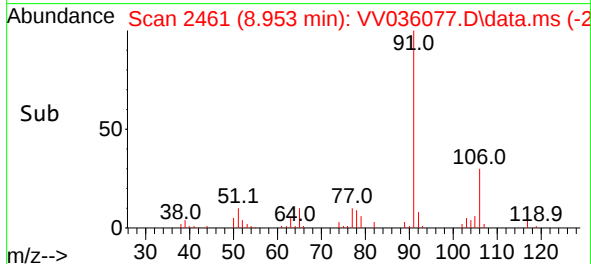
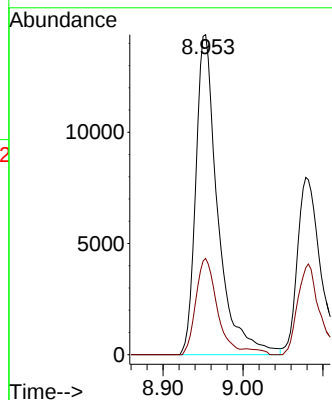
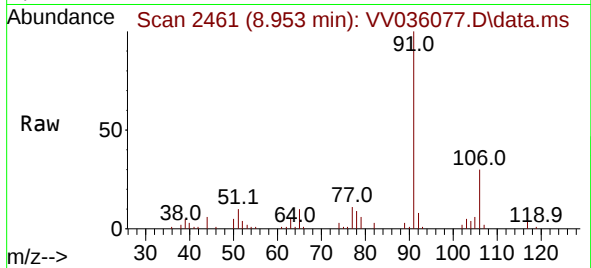




#52
Ethylbenzene
Concen: 0.516 ug/L
RT: 8.953 min Scan# 2458
Delta R.T. 0.010 min
Lab File: VV036077.D
Acq: 13 Jun 2024 22:12

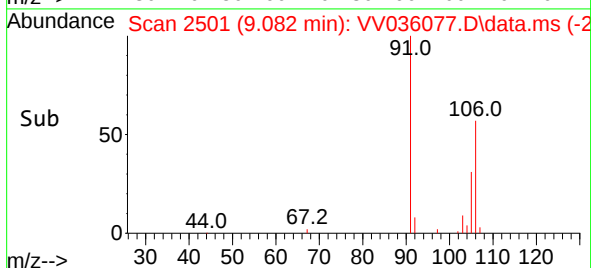
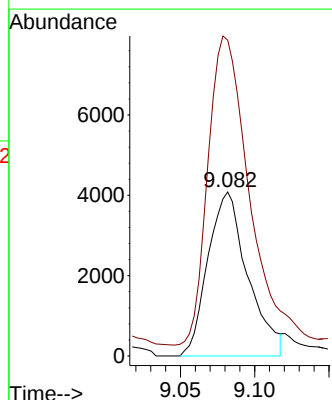
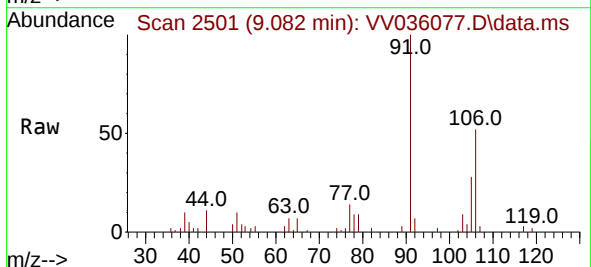
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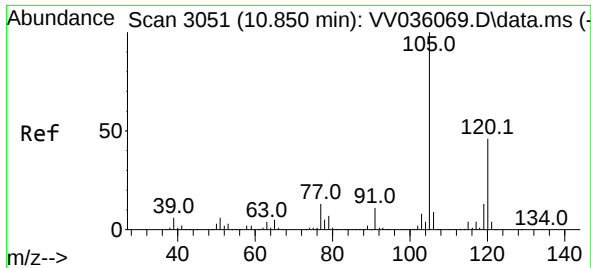
Tgt Ion: 91 Resp: 27597
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.0



#53
m,p-Xylene
Concen: 0.379 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.010 min
Lab File: VV036077.D
Acq: 13 Jun 2024 22:12

Tgt Ion: 106 Resp: 7622
Ion Ratio Lower Upper
106 100
91 192.6 143.1 265.9





#63
 1,2,4-Trimethylbenzene
 Concen: 0.595 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV036077.D
 Acq: 13 Jun 2024 22:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH2

Tgt Ion:105 Resp: 18975
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.2 54.4

