

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061724\
 Data File : VV036099.D
 Acq On : 17 Jun 2024 15:22
 Operator : SY/MD
 Sample : P2909-02
 Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 02:11:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:10:19 2024
 Response via : Initial Calibration

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

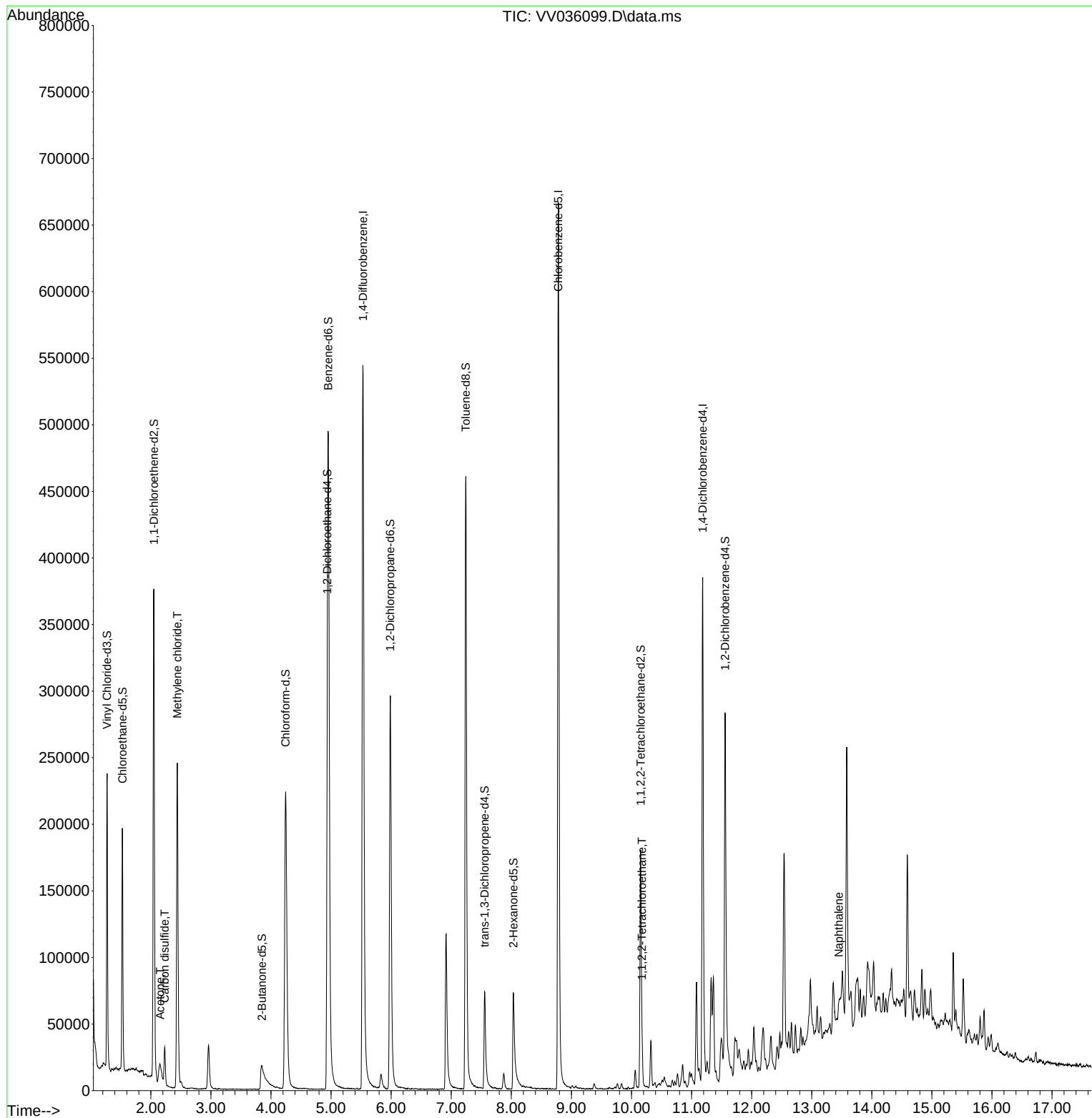
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	479547	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	379270	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	102887	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	149939	17.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.040%
7) Chloroethane-d5	1.526	69	123699	17.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.050	65	64871	16.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.120%
21) 2-Butanone-d5	3.847	46	45870	22.676	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.360%
24) Chloroform-d	4.243	84	250334	16.420	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.680%
26) 1,2-Dichloroethane-d4	4.937	65	133931	16.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.040%#
32) Benzene-d6	4.953	84	454647	20.167	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.680%
36) 1,2-Dichloropropane-d6	5.985	67	150620	21.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.880%
41) Toluene-d8	7.243	98	324731	16.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.280%
43) trans-1,3-Dichloroprop...	7.555	79	48911	16.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.200%
47) 2-Hexanone-d5	8.034	63	29437	30.603	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	89244	16.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	62176	16.479	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	65.920%#
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	39748	12.615	ug/L #	58
14) Carbon disulfide	2.230	76	32531	1.220	ug/L	99
16) Methylene chloride	2.439	84	106628	9.826	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	2308	0.478	ug/L #	49
71) Naphthalene	13.451	128	4147	0.622	ug/L #	83

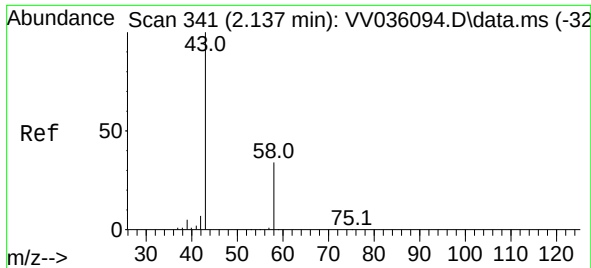
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.615 ug/L

RT: 2.153 min Scan# 341

Delta R.T. 0.016 min

Lab File: VV036099.D

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Instrument :

MSVOA_V

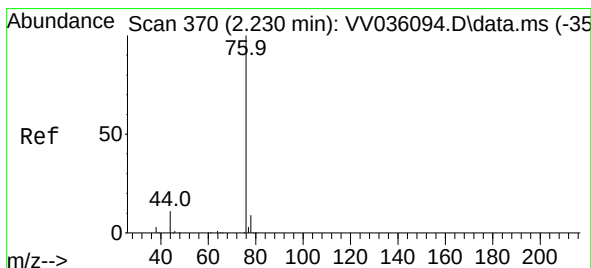
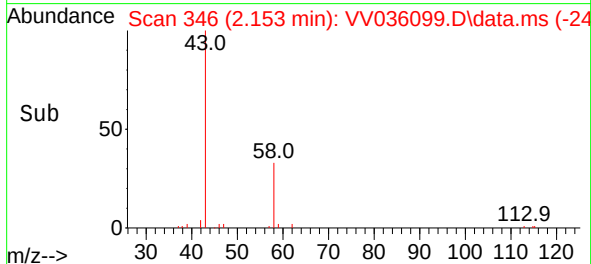
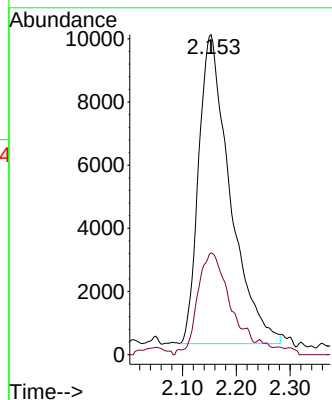
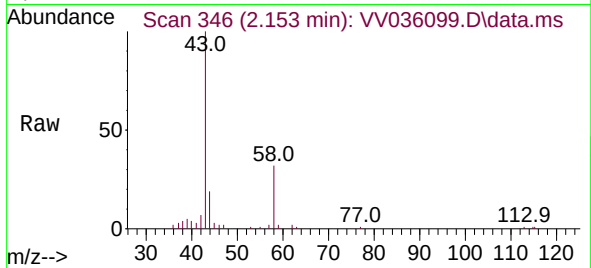
ClientSampleId :

Tgt Ion: 43 Resp: 39748

Ion Ratio Lower Upper

43 100

58 28.5 0.0 24.2#



#14

Carbon disulfide

Concen: 1.220 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036099.D

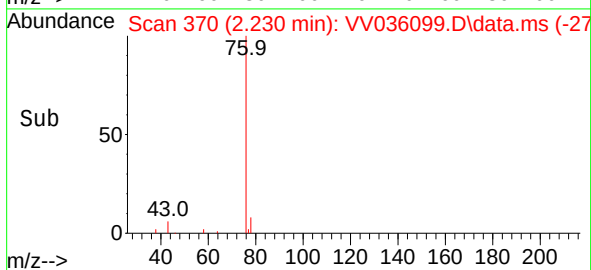
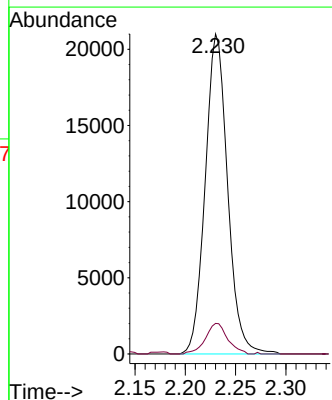
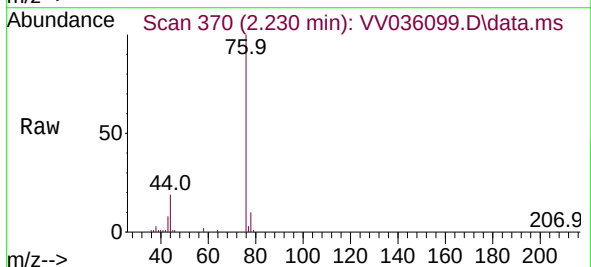
Acq: 17 Jun 2024 15:22

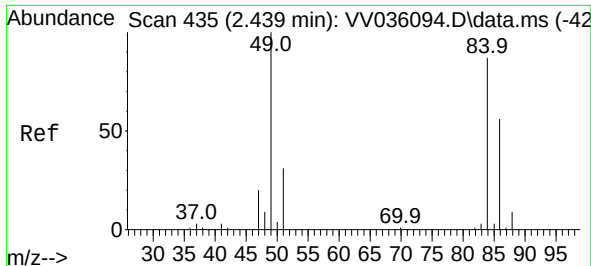
Tgt Ion: 76 Resp: 32531

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

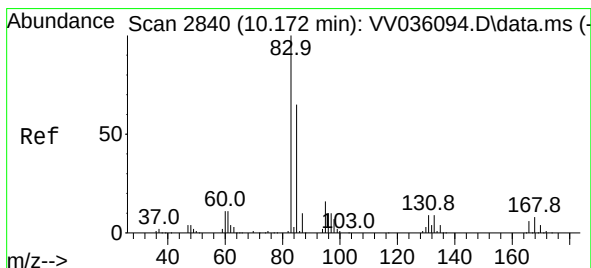
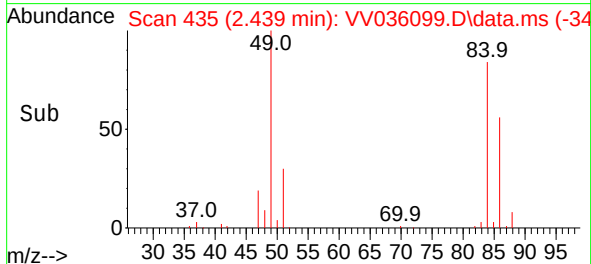
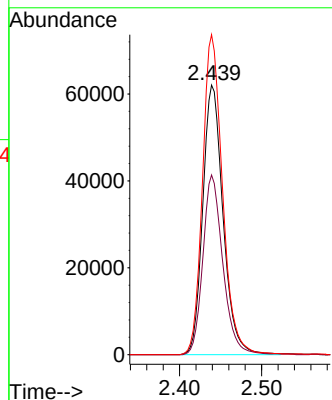
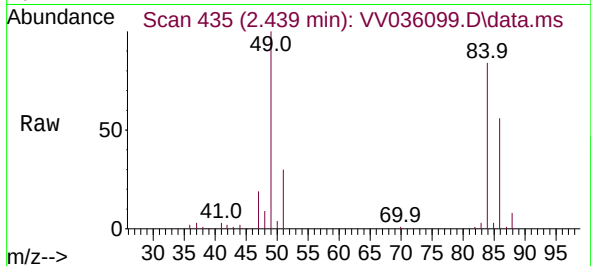




#16
Methylene chloride
Concen: 9.826 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036099.D
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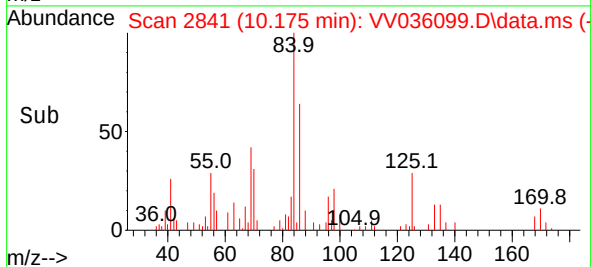
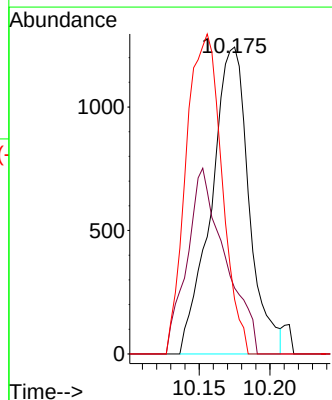
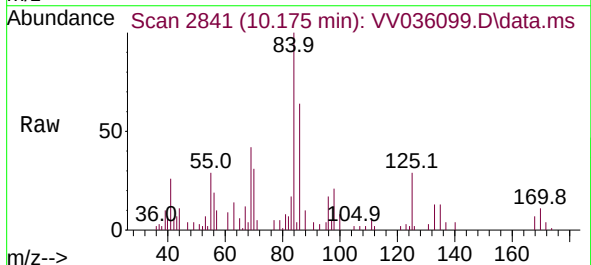
Instrument :
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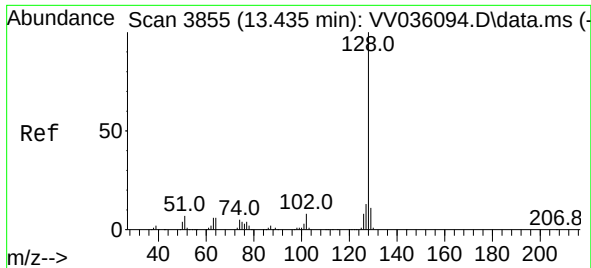
Tgt Ion: 84 Resp: 106628
Ion Ratio Lower Upper
84 100
86 66.7 44.6 82.8
49 118.7 81.1 150.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.478 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV036099.D
Acq: 17 Jun 2024 15:22

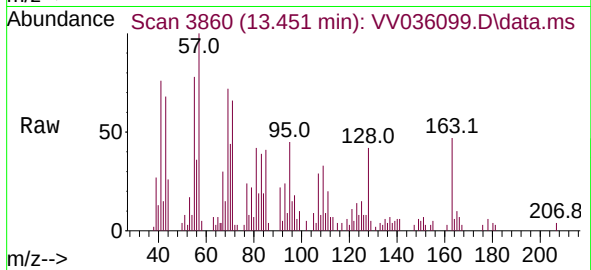
Tgt Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
85 21.5 45.1 83.7#
131 17.8 7.6 11.4#





#71
Naphthalene
Concen: 0.622 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV036099.D
Acq: 17 Jun 2024 15:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 4147
Ion Ratio Lower Upper
128 100
127 9.4 10.6 16.0#
129 1.6 8.8 13.2#

