

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036087.D
 Acq On : 14 Jun 2024 12:18
 Operator : SY/MD
 Sample : P2873-05
 Misc : 4.44g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 15 01:32:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

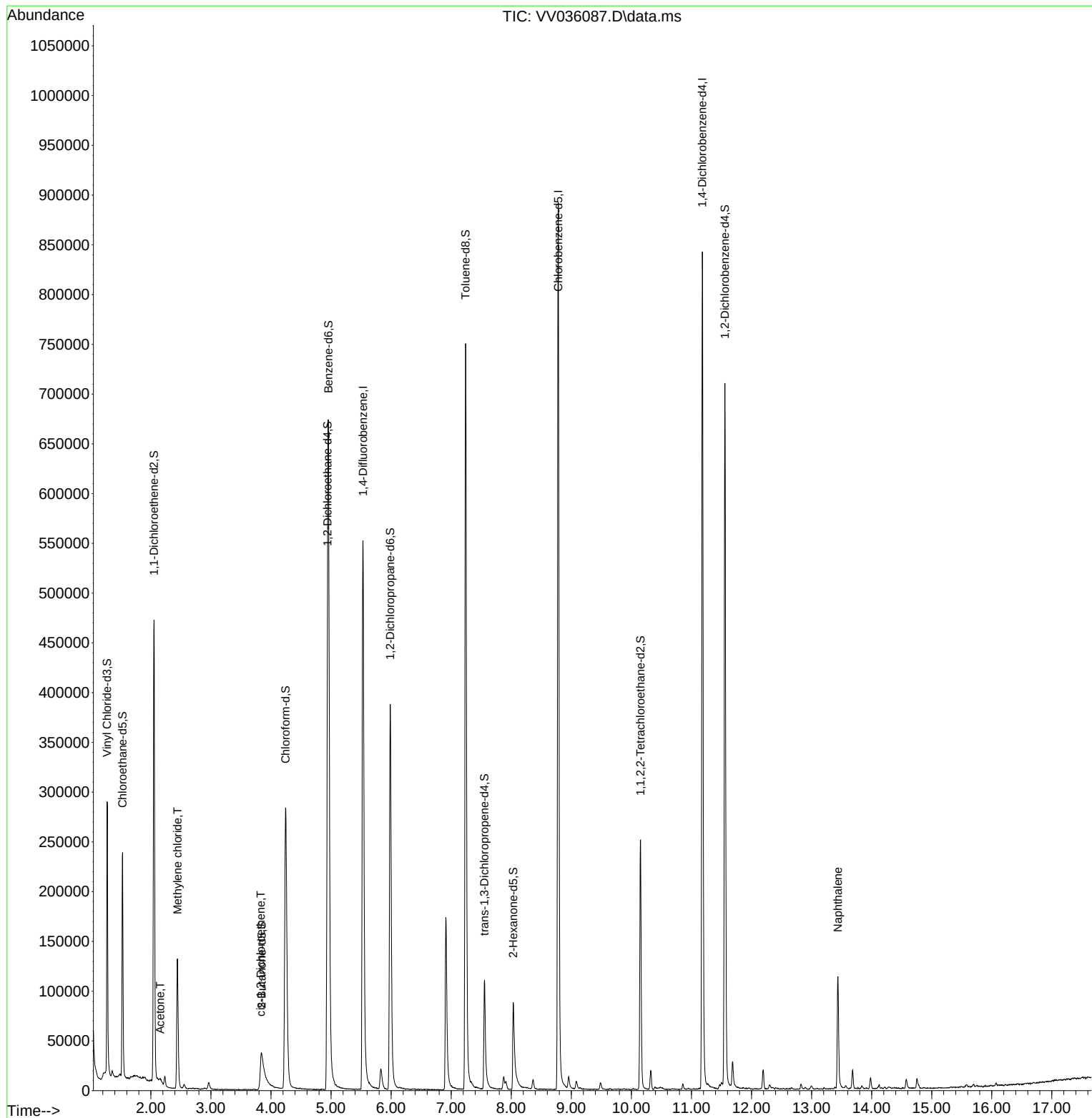
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	491546	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	497414	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	222708	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	183496	20.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.200%
7) Chloroethane-d5	1.529	69	149476	20.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
11) 1,1-Dichloroethene-d2	2.053	65	81327	20.215	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.880%
21) 2-Butanone-d5	3.844	46	33396	16.107	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.220%
24) Chloroform-d	4.243	84	315445	20.185	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.760%
26) 1,2-Dichloroethane-d4	4.941	65	160581	19.599	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	4.957	84	623631	21.092	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.360%
36) 1,2-Dichloropropane-d6	5.986	67	200741	21.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	7.240	98	517688	19.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.360%
43) trans-1,3-Dichloroprop...	7.555	79	69959	18.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.280%
47) 2-Hexanone-d5	8.034	63	32382	25.669	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	126429	18.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	185394	22.700	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
13) Acetone	2.156	43	10142	3.140	ug/L	# 49
16) Methylene chloride	2.442	84	55665	5.005	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	3753	0.447	ug/L	95
71) Naphthalene	13.439	128	95603	6.629	ug/L	99

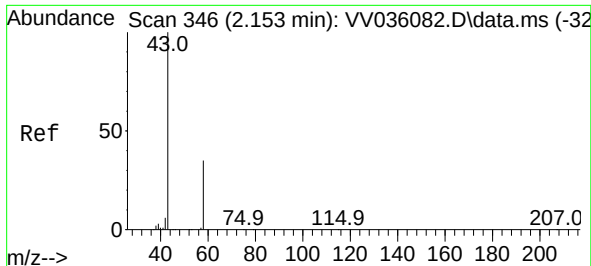
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration

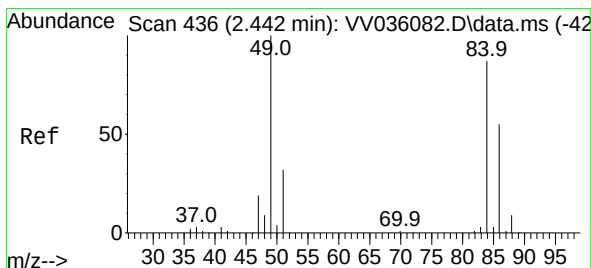
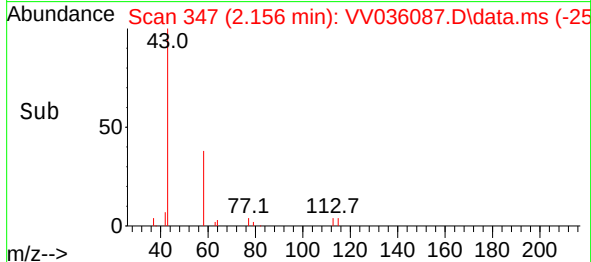
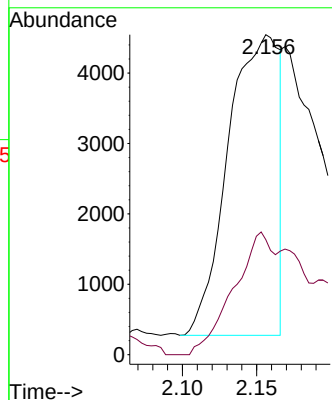
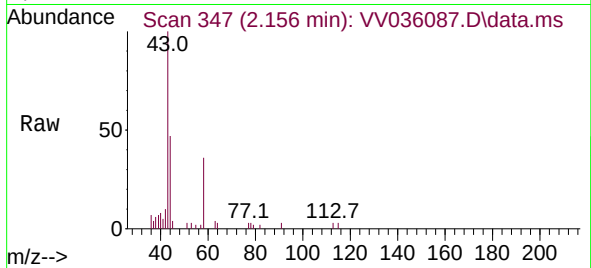




#13
Acetone
Concen: 3.140 ug/L
RT: 2.156 min Scan# 346
Delta R.T. 0.003 min
Lab File: VV036087.D
Acq: 14 Jun 2024 12:18

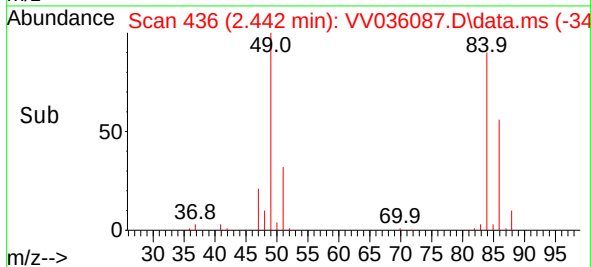
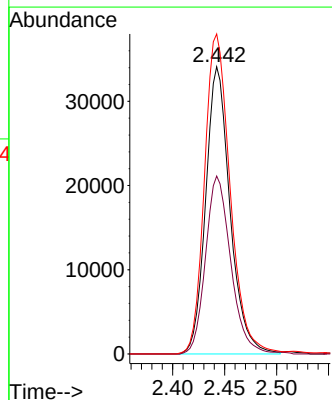
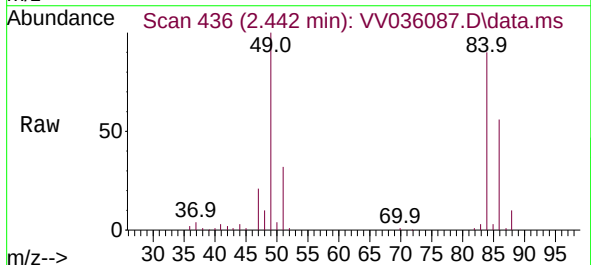
Instrument :
MSVOA_V
ClientSampleId :

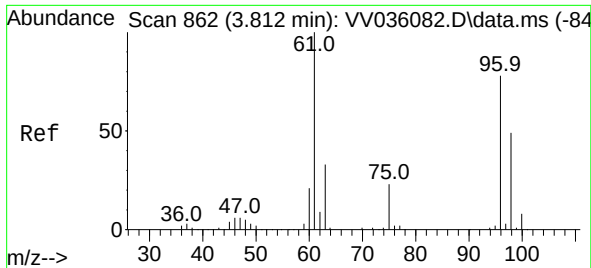
Tgt Ion: 43 Resp: 10142
Ion Ratio Lower Upper
43 100
58 32.0 0.0 24.2#



#16
Methylene chloride
Concen: 5.005 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV036087.D
Acq: 14 Jun 2024 12:18

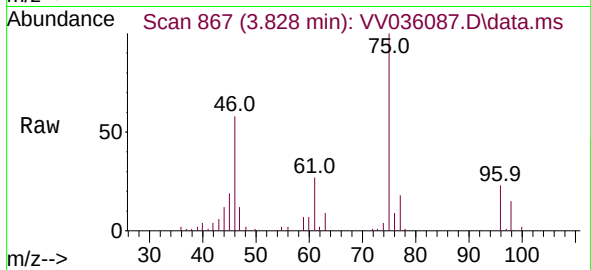
Tgt Ion: 84 Resp: 55665
Ion Ratio Lower Upper
84 100
86 61.9 44.6 82.8
49 111.4 81.1 150.5



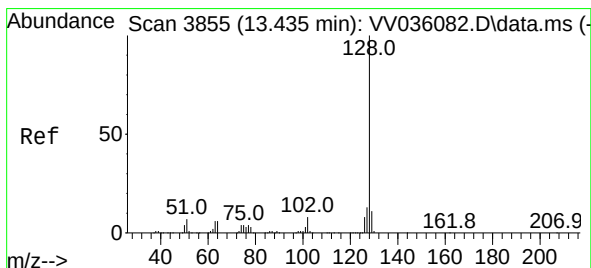
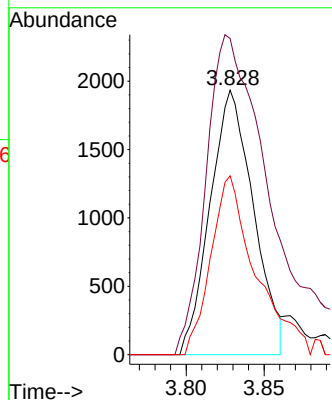
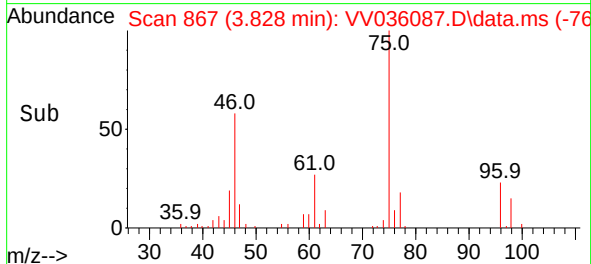


#20
cis-1,2-Dichloroethene
Concen: 0.447 ug/L
RT: 3.828 min Scan# 862
Delta R.T. 0.016 min
Lab File: VV036087.D
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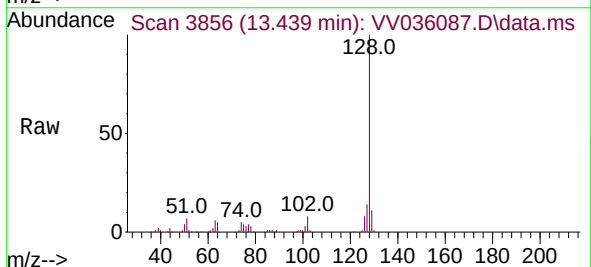
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 3753
Ion Ratio Lower Upper
96 100
61 119.5 87.9 163.3
98 67.6 44.4 82.5



#71
Naphthalene
Concen: 6.629 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV036087.D
Acq: 14 Jun 2024 12:18



Tgt Ion: 128 Resp: 95603
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.4 8.8 13.2

