

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035937.D
 Acq On : 31 May 2024 17:59
 Operator : SY/MD
 Sample : P2663-08
 Misc : 5.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:05:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

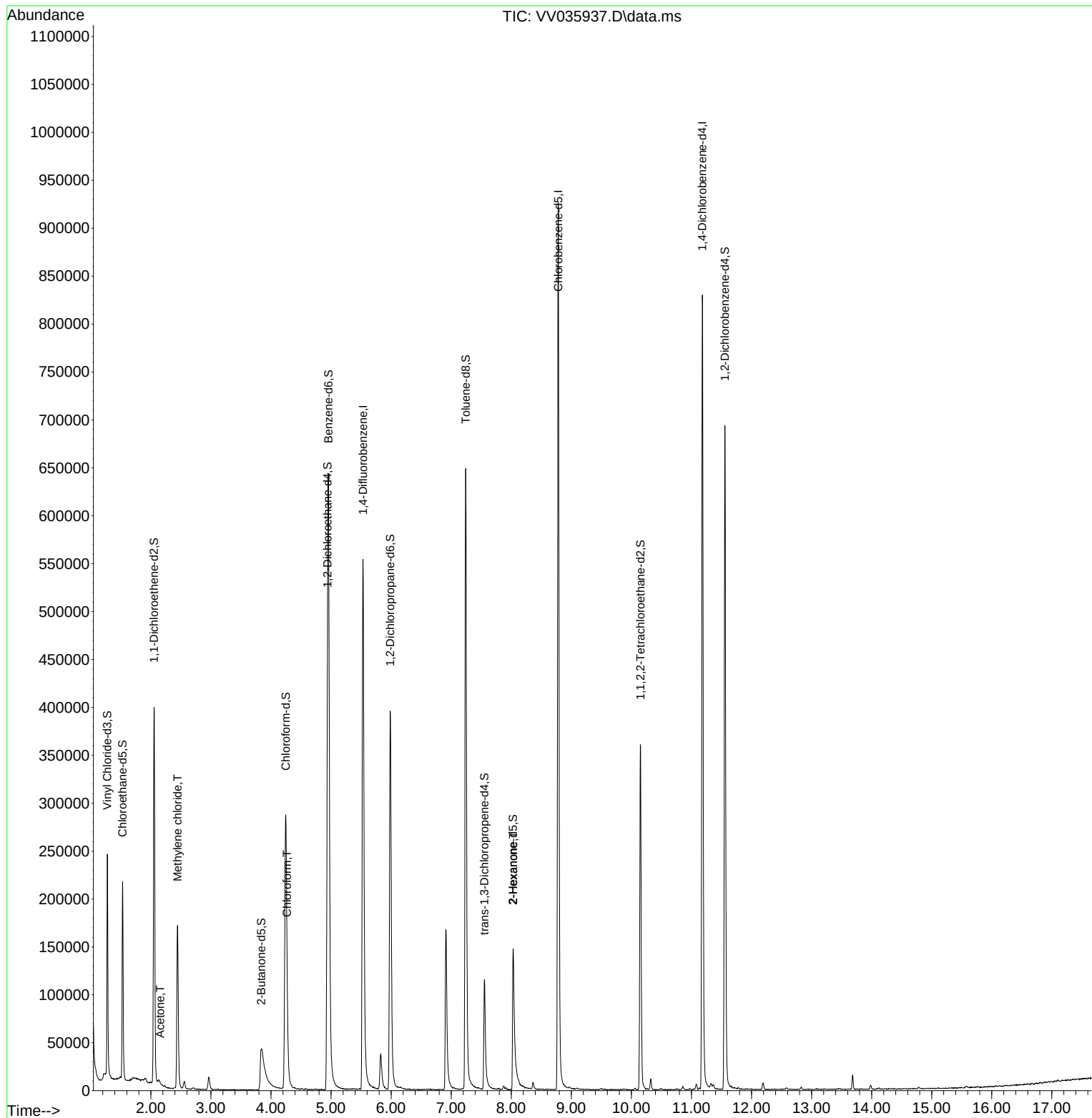
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	493890	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	523975	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	224450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	151314	16.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.640%
7) Chloroethane-d5	1.529	69	135767	18.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.053	65	68655	16.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.920%
21) 2-Butanone-d5	3.838	46	79530	38.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.340%
24) Chloroform-d	4.246	84	320175	20.391	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.560%
26) 1,2-Dichloroethane-d4	4.940	65	183470	22.286	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.160%
32) Benzene-d6	4.957	84	575483	18.477	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.920%
36) 1,2-Dichloropropane-d6	5.985	67	205348	20.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.760%
41) Toluene-d8	7.243	98	455109	16.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.240%
43) trans-1,3-Dichloroprop...	7.555	79	76254	18.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.840%
47) 2-Hexanone-d5	8.030	63	56775	42.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	182369	24.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	11.558	152	183838	22.335	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.360%
Target Compounds						
13) Acetone	2.156	43	4428	1.364	ug/L #	61
16) Methylene chloride	2.445	84	76127	6.812	ug/L	99
25) Chloroform	4.268	83	9375	0.570	ug/L	92
48) 2-Hexanone	8.034	43	6446	1.687	ug/L #	70

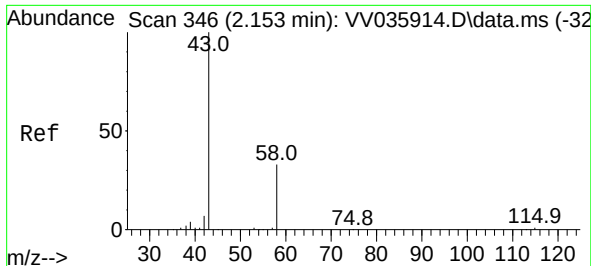
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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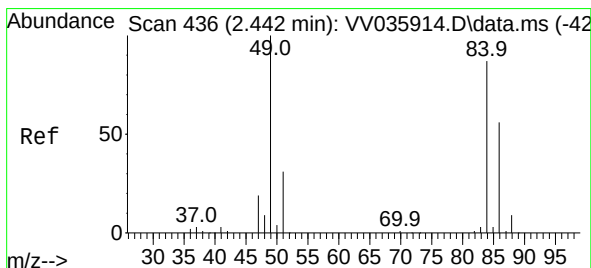
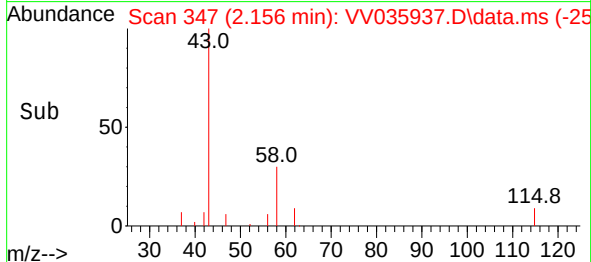
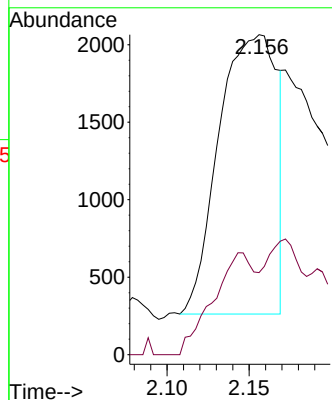
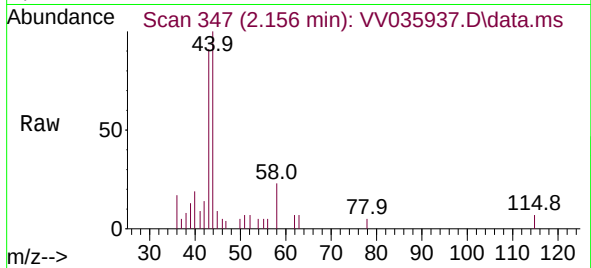




#13
Acetone
Concen: 1.364 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.003 min
Lab File: VV035937.D
Acq: 31 May 2024 17:59

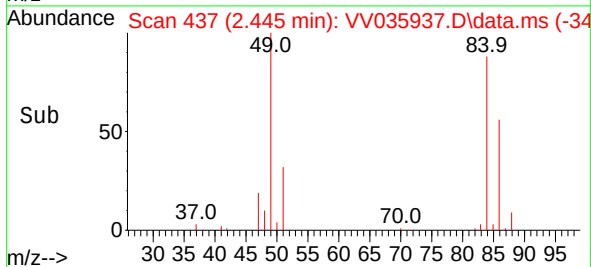
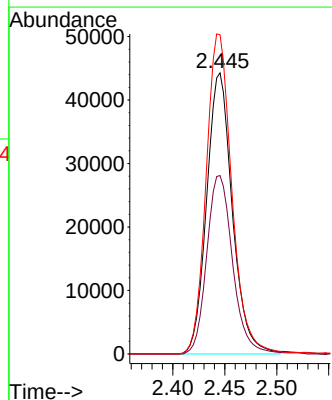
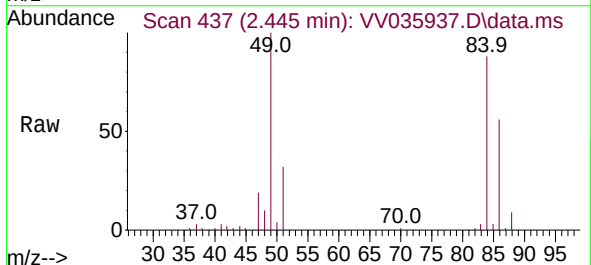
Instrument :
MSVOA_V
ClientSampleId :

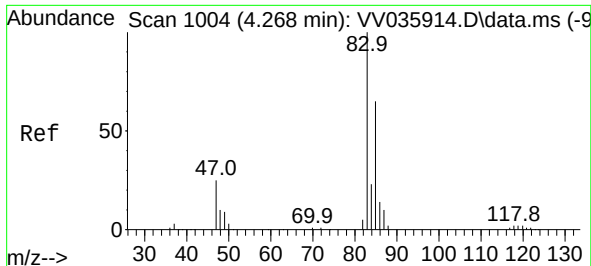
Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
58 27.1 0.0 24.2#



#16
Methylene chloride
Concen: 6.812 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035937.D
Acq: 31 May 2024 17:59

Tgt Ion: 84 Resp: 76127
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 113.6 81.1 150.5





#25

Chloroform

Concen: 0.570 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035937.D

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Instrument :

MSVOA_V

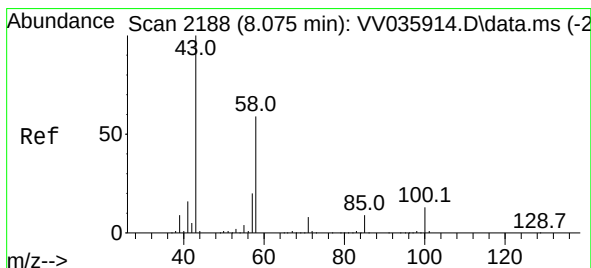
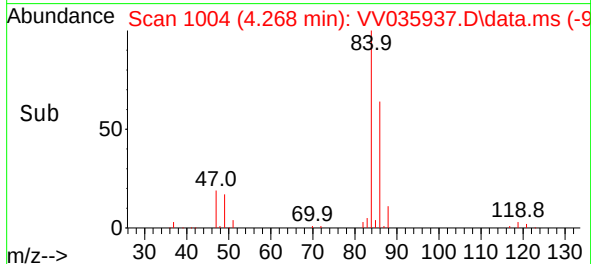
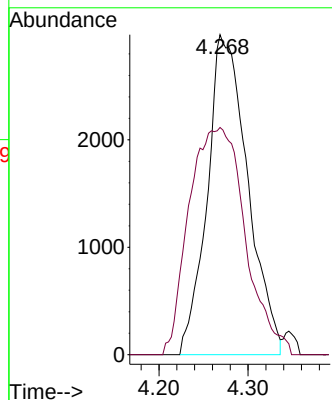
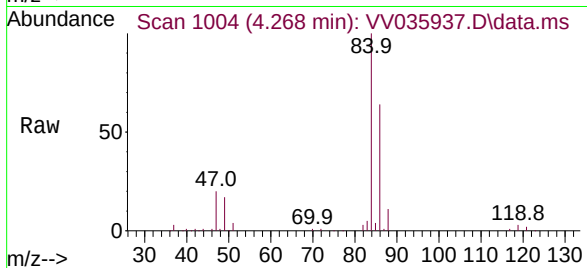
ClientSampleId :

Tgt Ion: 83 Resp: 9375

Ion Ratio Lower Upper

83 100

85 71.0 45.2 84.0



#48

2-Hexanone

Concen: 1.687 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.042 min

Lab File: VV035937.D

Acq: 31 May 2024 17:59

Tgt Ion: 43 Resp: 6446

Ion Ratio Lower Upper

43 100

58 43.4 45.4 68.0#

57 52.6 15.8 23.8#

100 6.0 9.8 14.8#

