

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035974.D
 Acq On : 04 Jun 2024 14:06
 Operator : SY/MD
 Sample : P2659-23
 Misc : 5.02g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 04:05:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 05 04:01:54 2024
 Response via : Initial Calibration

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

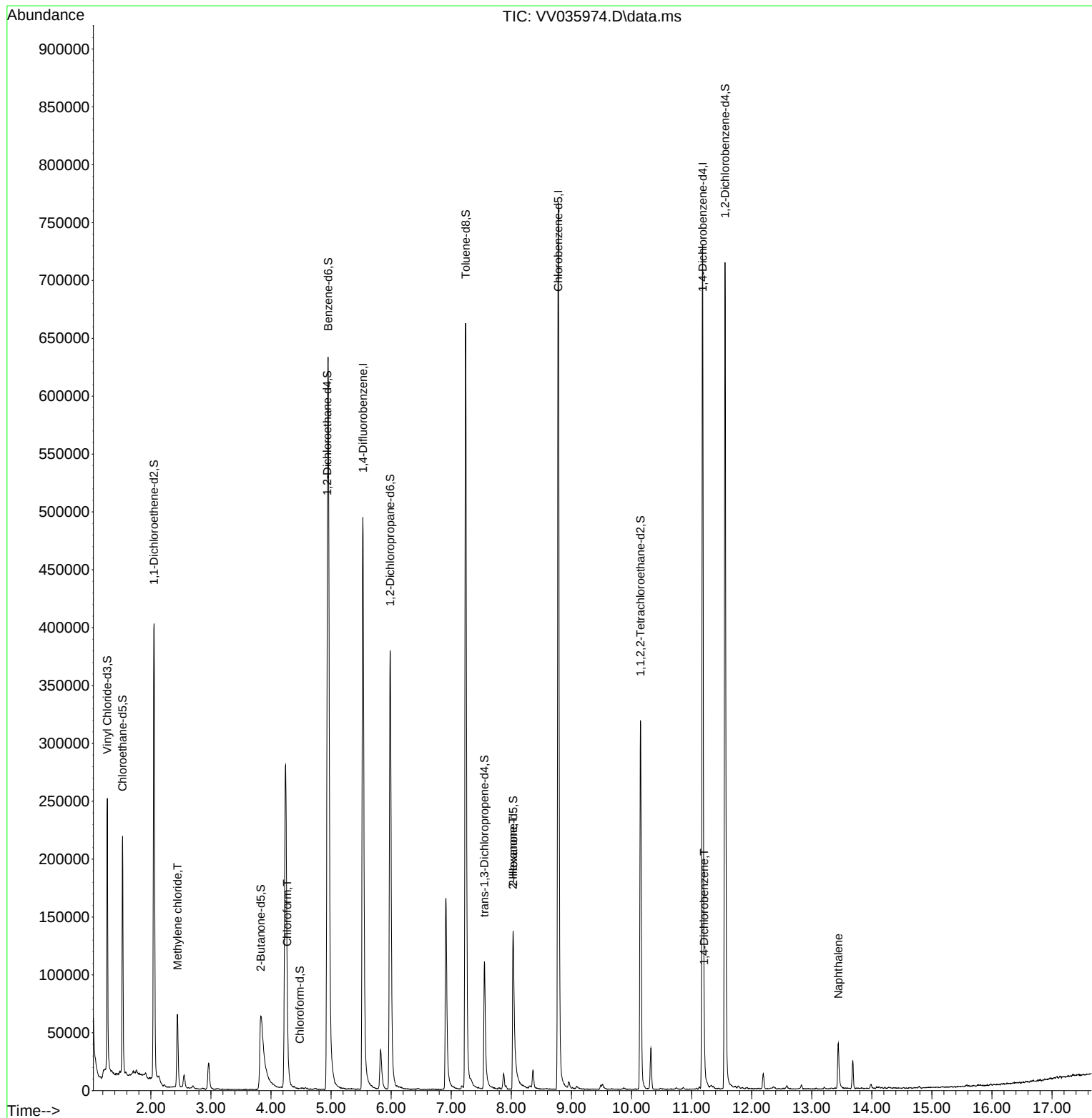
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	437338	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	440517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	195685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	150649	18.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.960%
7) Chloroethane-d5	1.529	69	133010	20.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.050	65	69386	19.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.520%
21) 2-Butanone-d5	3.831	46	72965	39.552	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.100%
24) Chloroform-d	4.481	84	131	0.009	ug/L	0.24
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.040%#
26) 1,2-Dichloroethane-d4	4.937	65	168371	23.096	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.953	84	577477	22.053	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	5.982	67	199395	24.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	7.239	98	461531	19.976	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.920%
43) trans-1,3-Dichloroprop...	7.551	79	72181	21.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.400%
47) 2-Hexanone-d5	8.030	63	54240	48.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	163693	26.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	11.557	152	186584	26.001	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	27357	2.764	ug/L	95
25) Chloroform	4.272	83	8801	0.604	ug/L	86
48) 2-Hexanone	8.027	43	6643	2.067	ug/L #	75
65) 1,4-Dichlorobenzene	11.210	146	6341	0.466	ug/L	97
71) Naphthalene	13.442	128	33606	2.652	ug/L	99

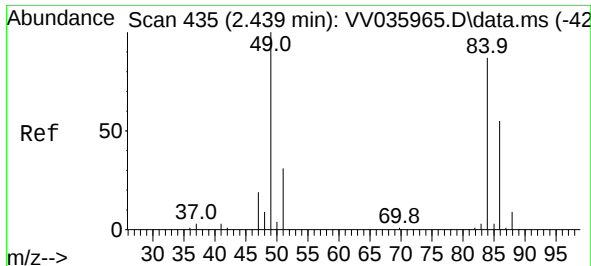
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 05 04:01:54 2024
Response via : Initial Calibration

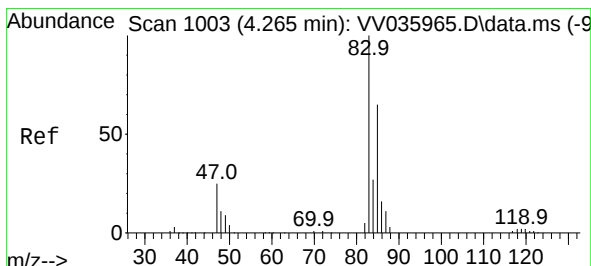
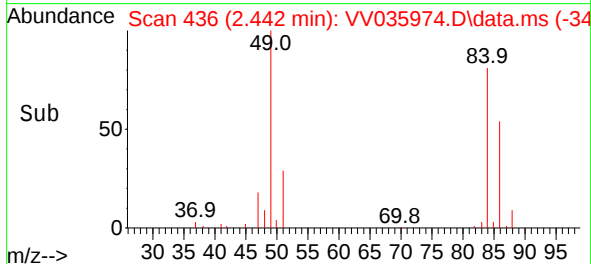
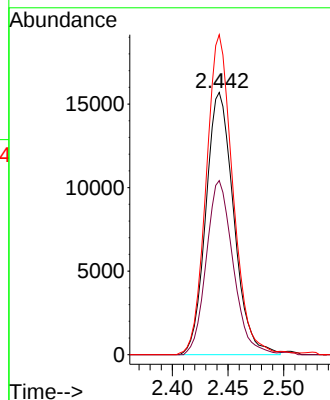
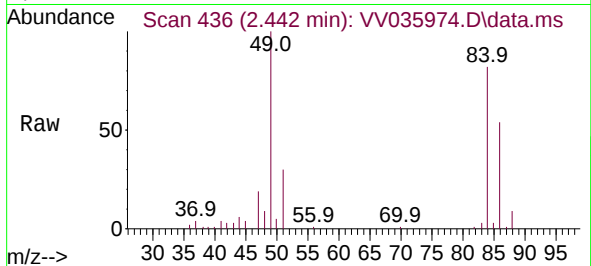




#16
Methylene chloride
Concen: 2.764 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035974.D
Acq: 04 Jun 2024 14:06

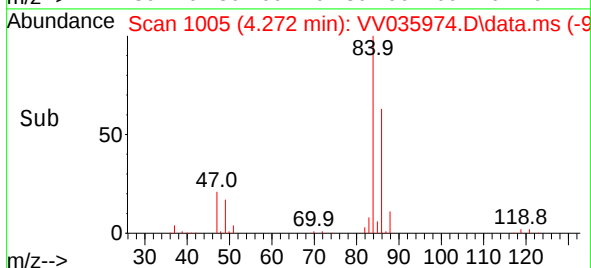
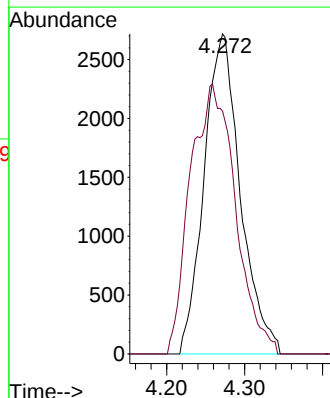
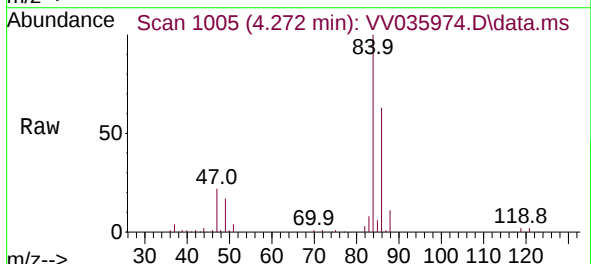
Instrument :
MSVOA_V
ClientSampleId :

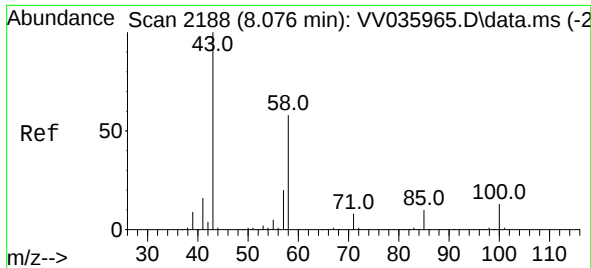
Tgt Ion: 84 Resp: 27357
Ion Ratio Lower Upper
84 100
86 66.4 44.6 82.8
49 122.0 81.1 150.5



#25
Chloroform
Concen: 0.604 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV035974.D
Acq: 04 Jun 2024 14:06

Tgt Ion: 83 Resp: 8801
Ion Ratio Lower Upper
83 100
85 75.9 45.2 84.0





#48

2-Hexanone

Concen: 2.067 ug/L

RT: 8.027 min Scan# 2188

Delta R.T. -0.048 min

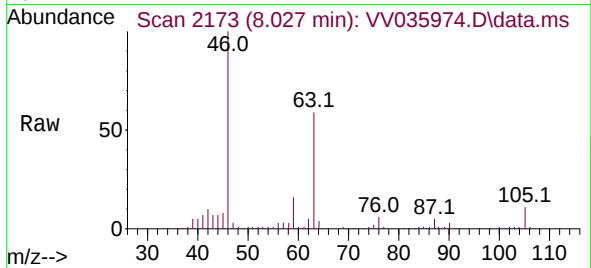
Lab File: VV035974.D

Acq: 04 Jun 2024 14:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 6643

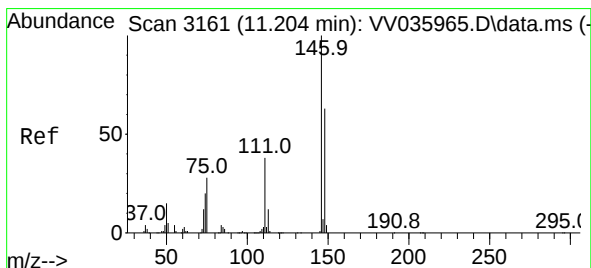
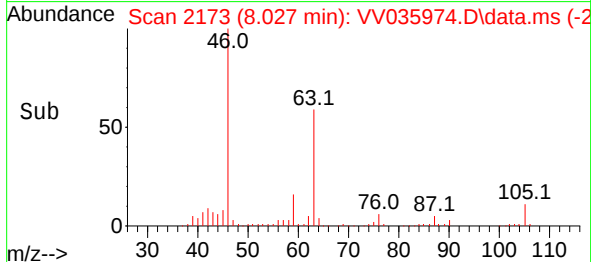
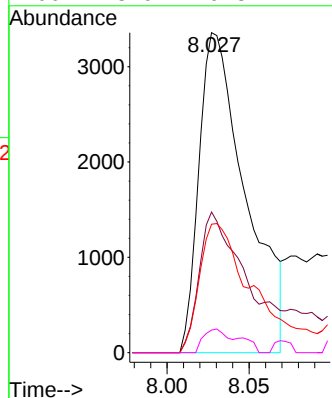
Ion Ratio Lower Upper

43 100

58 38.4 45.4 68.0#

57 33.2 15.8 23.8#

100 3.9 9.8 14.8#



#65

1,4-Dichlorobenzene

Concen: 0.466 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.006 min

Lab File: VV035974.D

Acq: 04 Jun 2024 14:06

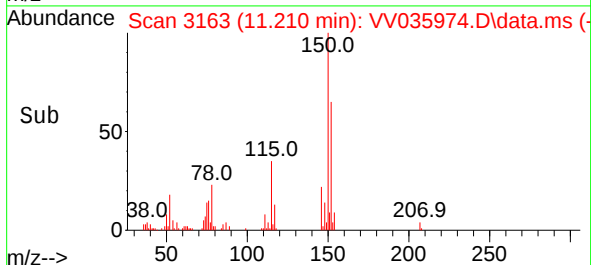
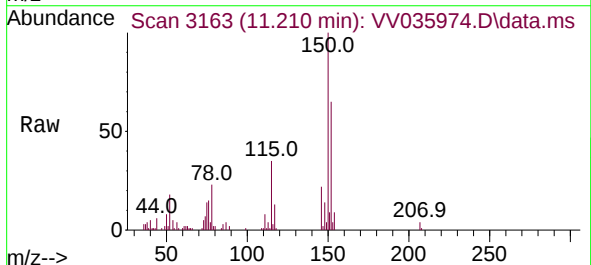
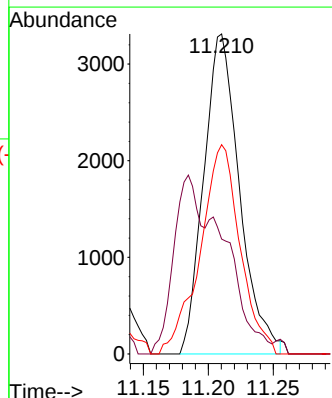
Tgt Ion: 146 Resp: 6341

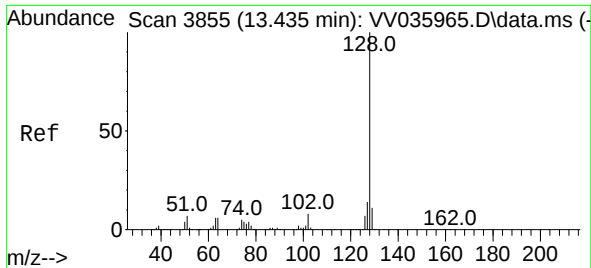
Ion Ratio Lower Upper

146 100

111 35.9 26.9 50.1

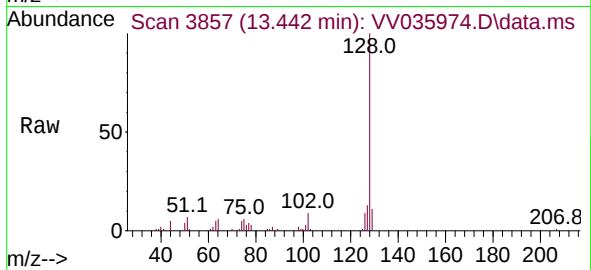
148 65.4 44.5 82.7





#71
Naphthalene
Concen: 2.652 ug/L
RT: 13.442 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV035974.D
Acq: 04 Jun 2024 14:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 33606
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.2 8.8 13.2

