

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035718.D
 Acq On : 23 May 2024 21:26
 Operator : SY/MD
 Sample : P2568-13
 Misc : 6.04g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 03:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

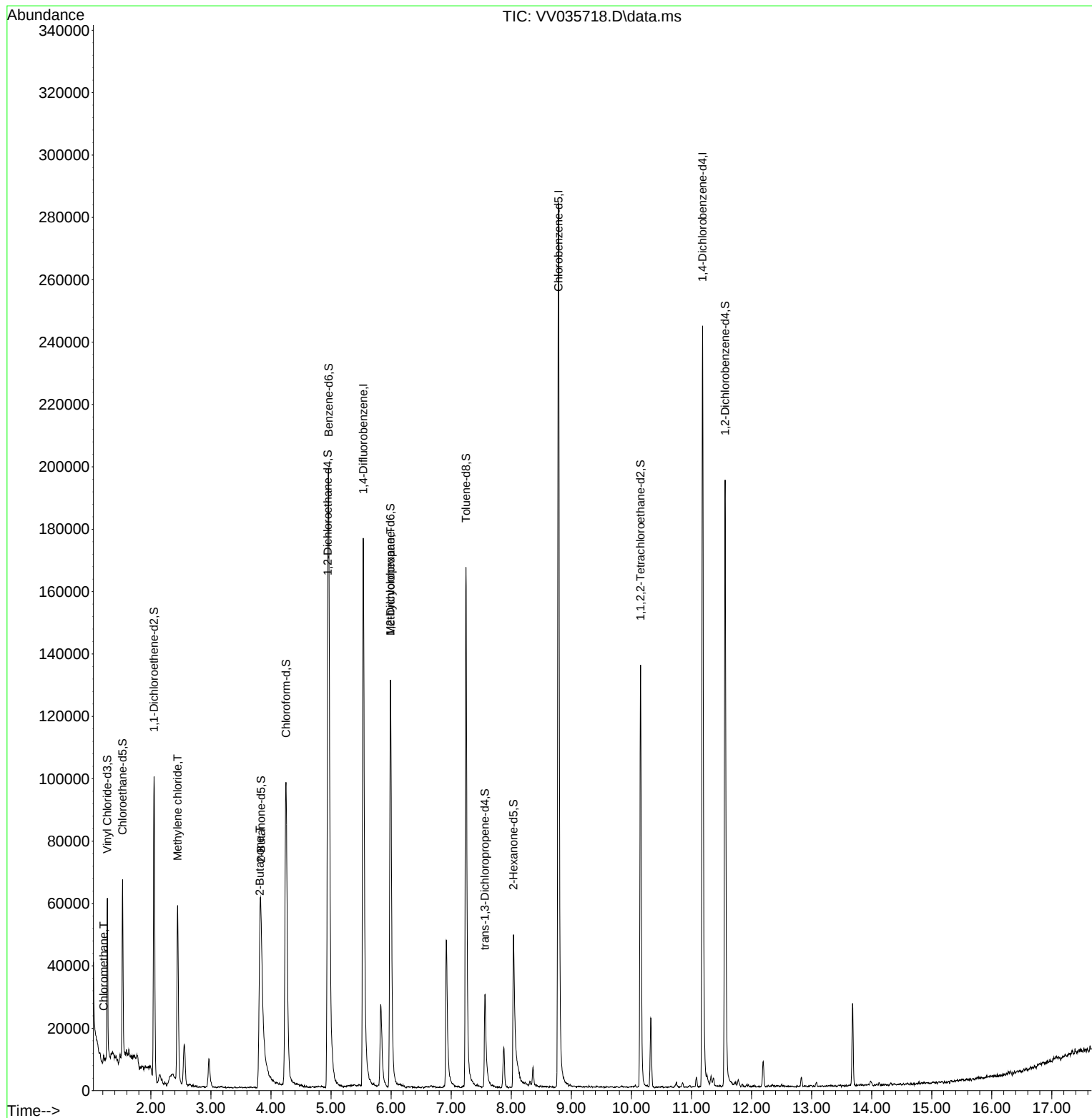
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	162834	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	168166	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	33361	13.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.040%
7) Chloroethane-d5	1.529	69	36853	18.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.053	65	17325	15.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.200%
21) 2-Butanone-d5	3.831	46	32540	45.559	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.120%
24) Chloroform-d	4.249	84	111593	23.052	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.944	65	67903	28.373	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.480%
32) Benzene-d6	4.960	84	173879	18.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.560%
36) 1,2-Dichloropropane-d6	5.989	67	70472	24.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	7.246	98	121966	14.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	59.560%
43) trans-1,3-Dichloroprop...	7.561	79	21466	17.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.680%
47) 2-Hexanone-d5	8.037	63	17702	34.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	67996	24.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.360%
66) 1,2-Dichlorobenzene-d4	11.561	152	53804	22.326	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.320%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1581	0.476	ug/L	96
16) Methylene chloride	2.445	84	25377	6.758	ug/L	96
22) 2-Butanone	3.812	43	1065	1.097	ug/L	88
35) Methylcyclohexane	5.989	83	17414	3.643	ug/L #	20

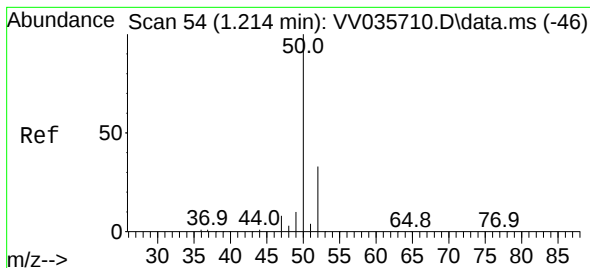
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 24 03:15:35 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.476 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV035718.D

Acq: 23 May 2024 21:26

Instrument :

MSVOA_V

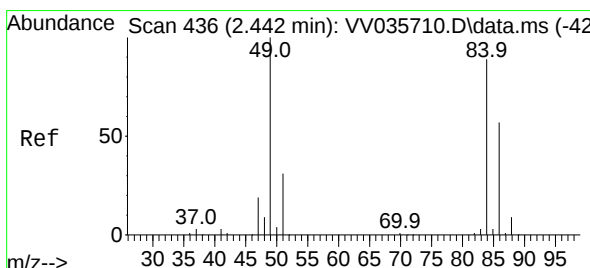
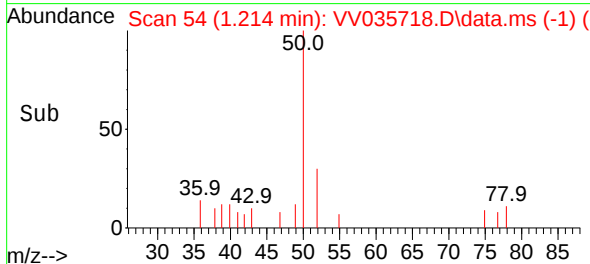
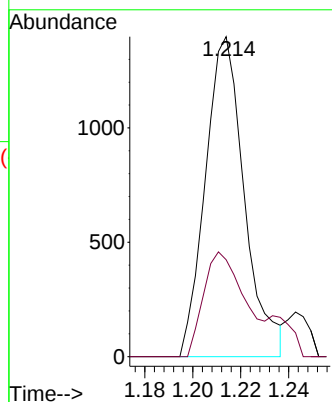
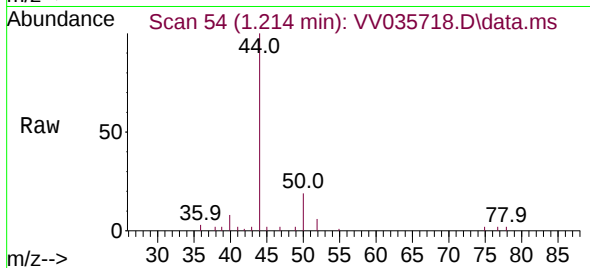
ClientSampleId :

Tgt Ion: 50 Resp: 1581

Ion Ratio Lower Upper

50 100

52 30.3 22.7 42.1



#16

Methylene chloride

Concen: 6.758 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

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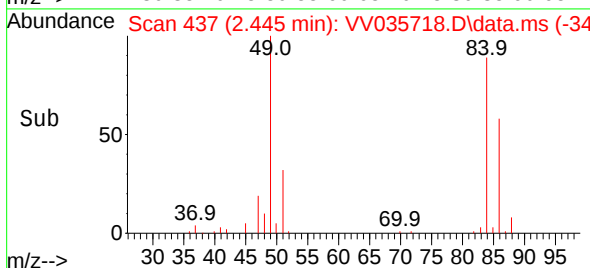
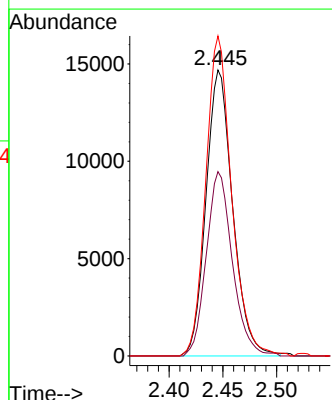
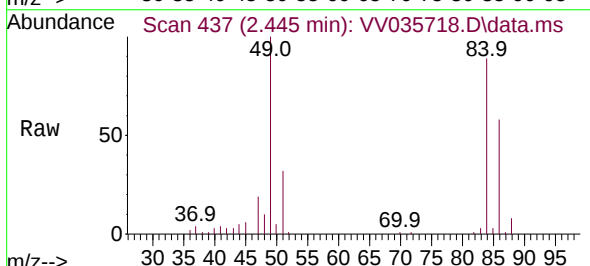
Tgt Ion: 84 Resp: 25377

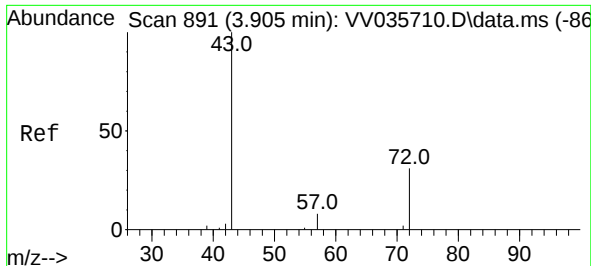
Ion Ratio Lower Upper

84 100

86 64.5 43.8 81.3

49 111.9 75.3 139.9





#22

2-Butanone

Concen: 1.097 ug/L

RT: 3.812 min Scan# 8

Delta R.T. -0.093 min

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Instrument :

MSVOA_V

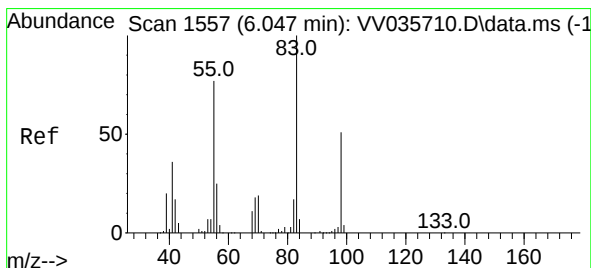
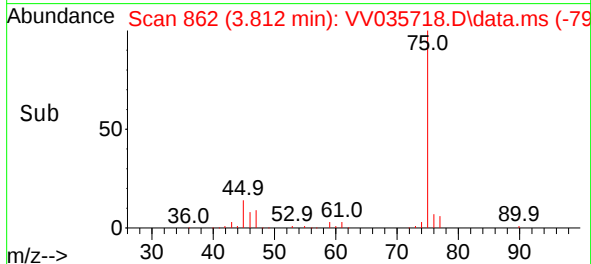
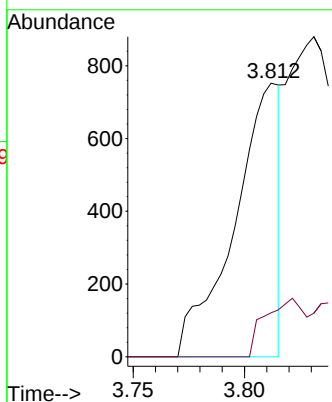
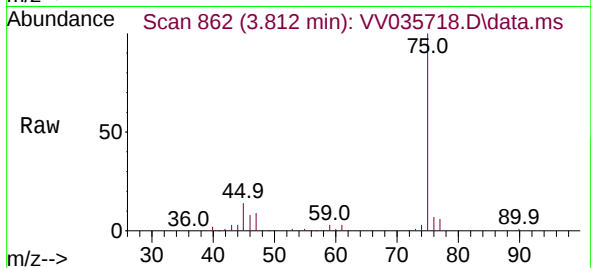
ClientSampleId :

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

72 18.4 12.3 36.9



#35

Methylcyclohexane

Concen: 3.643 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035718.D

Acq: 23 May 2024 21:26

Tgt Ion: 83 Resp: 17414

Ion Ratio Lower Upper

83 100

55 0.0 57.5 86.3#

98 0.9 38.6 58.0#

