

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035713.D
 Acq On : 23 May 2024 19:32
 Operator : SY/MD
 Sample : P2568-06
 Misc : 6.31g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 03:44:42 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)

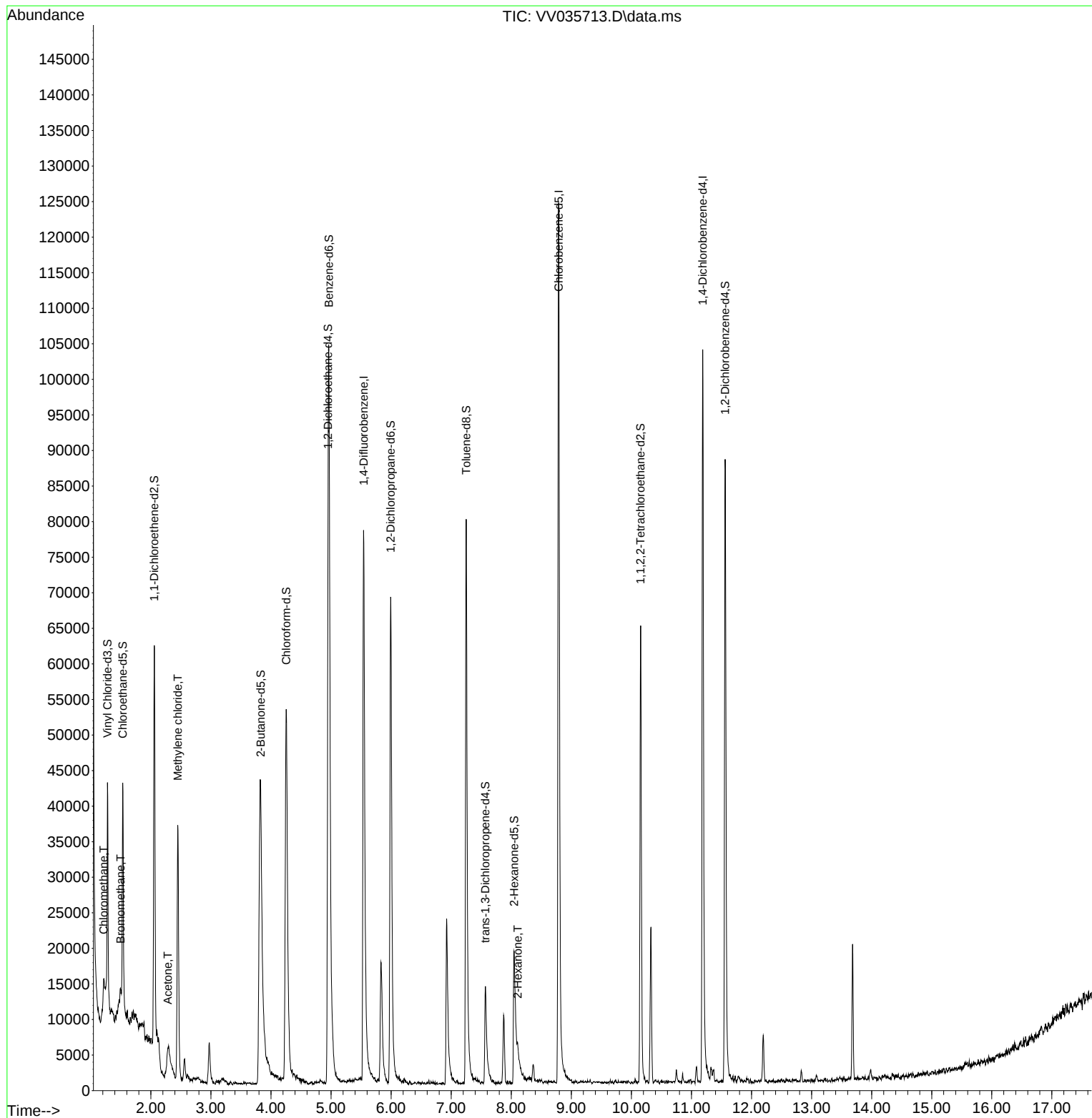
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	75674	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	77968	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	30676	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19031	16.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.080%
7) Chloroethane-d5	1.532	69	20771	22.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.056	65	9758	18.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%
21) 2-Butanone-d5	3.831	46	18029	54.315	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.640%
24) Chloroform-d	4.256	84	61026	27.126	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.520%
26) 1,2-Dichloroethane-d4	4.950	65	37954	34.125	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.520%#
32) Benzene-d6	4.963	84	90542	21.214	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.840%
36) 1,2-Dichloropropane-d6	5.992	67	37196	28.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.960%
41) Toluene-d8	7.249	98	60600	15.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.800%
43) trans-1,3-Dichloroprop...	7.567	79	10851	19.263	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.040%
47) 2-Hexanone-d5	8.047	63	7026	29.666	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	32990	25.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	26295	24.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1639	1.061	ug/L	95
6) Bromomethane	1.494	94	781	0.773	ug/L	96
13) Acetone	2.282	43	1240	2.552	ug/L	96
16) Methylene chloride	2.449	84	16443	9.423	ug/L	99
48) 2-Hexanone	8.108	43	1087	1.798	ug/L #	66

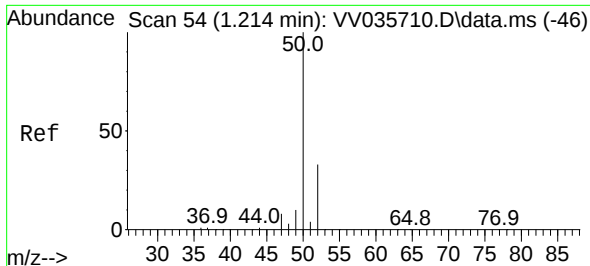
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration

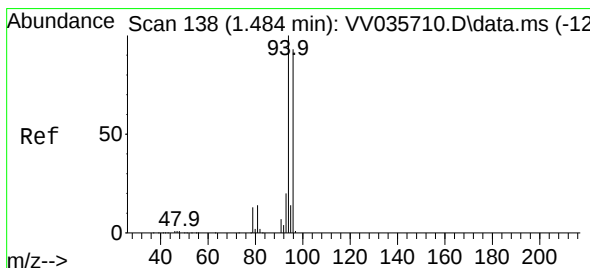
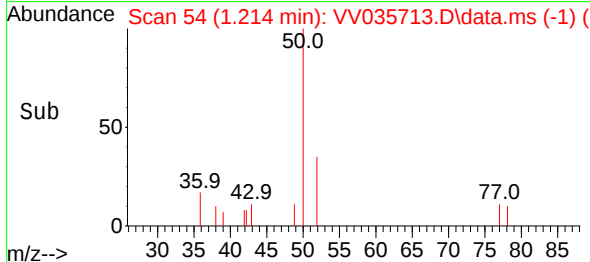
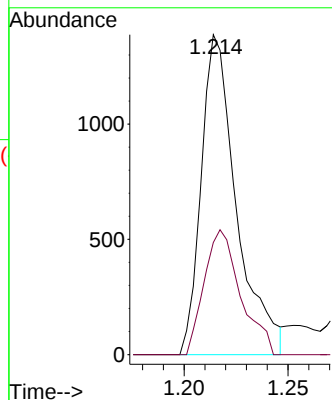
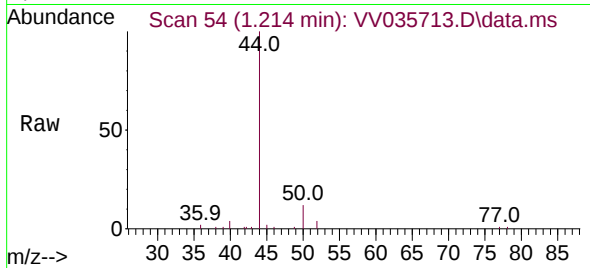




#3
Chloromethane
Concen: 1.061 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035713.D
Acq: 23 May 2024 19:32

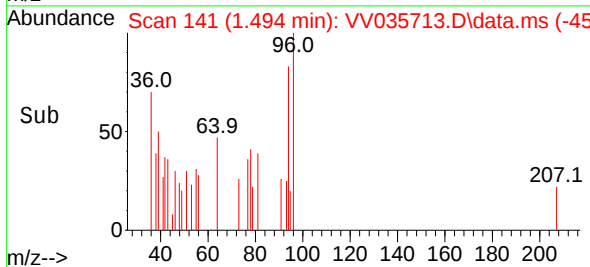
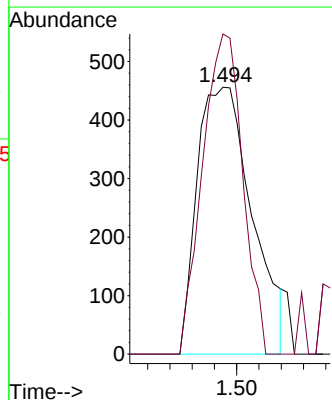
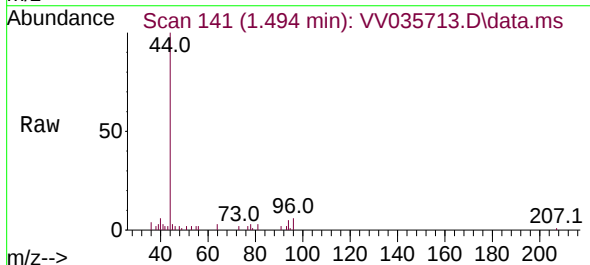
Instrument :
MSVOA_V
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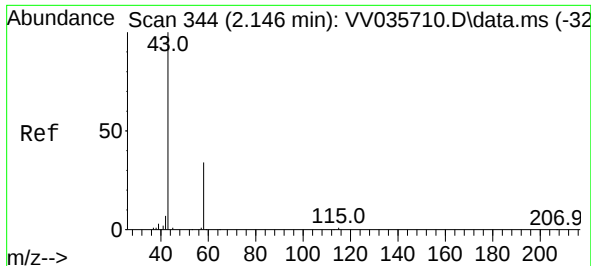
Tgt Ion: 50 Resp: 1639
Ion Ratio Lower Upper
50 100
52 35.0 22.7 42.1



#6
Bromomethane
Concen: 0.773 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.010 min
Lab File: VV035713.D
Acq: 23 May 2024 19:32

Tgt Ion: 94 Resp: 781
Ion Ratio Lower Upper
94 100
96 97.0 65.2 121.0

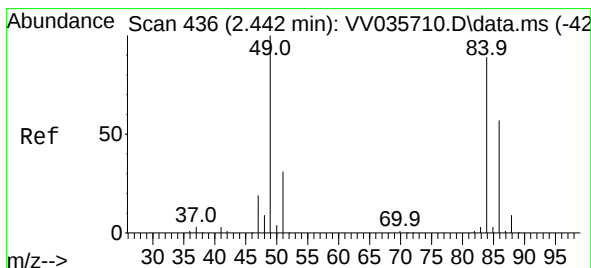
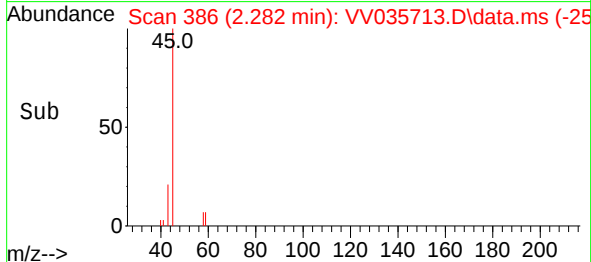
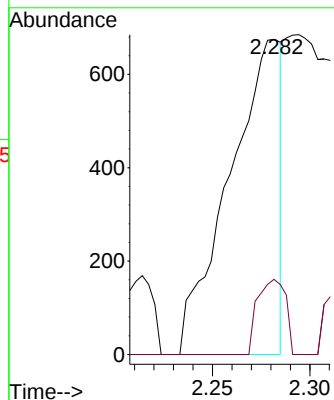
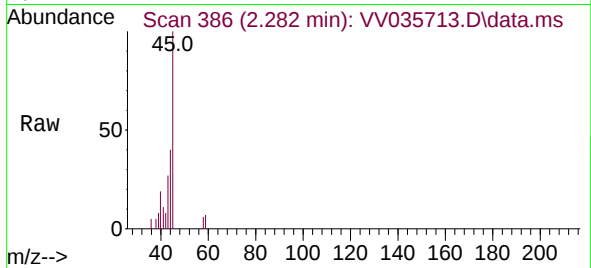




#13
Acetone
Concen: 2.552 ug/L
RT: 2.282 min Scan# 344
Delta R.T. 0.135 min
Lab File: VV035713.D
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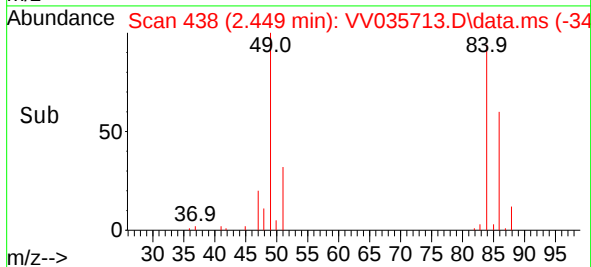
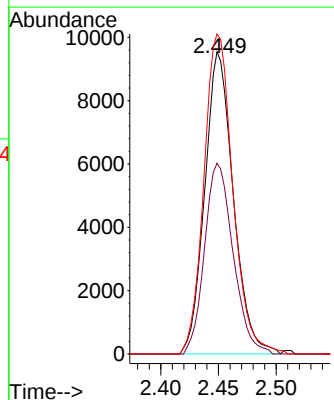
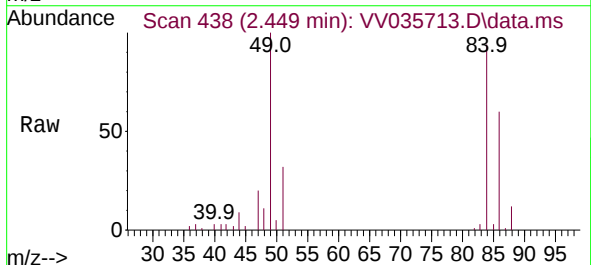
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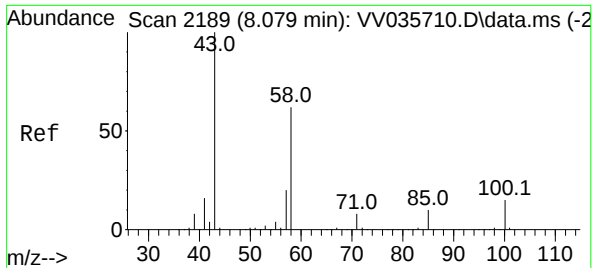
Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 13.0 0.0 22.8



#16
Methylene chloride
Concen: 9.423 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV035713.D
Acq: 23 May 2024 19:32

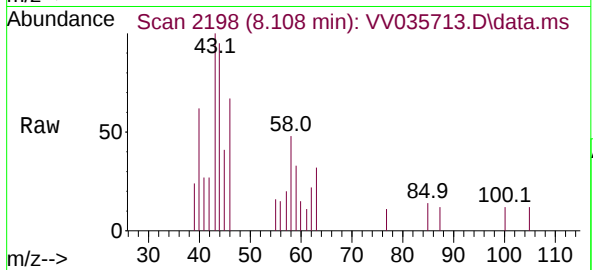
Tgt Ion: 84 Resp: 16443
Ion Ratio Lower Upper
84 100
86 63.1 43.8 81.3
49 106.0 75.3 139.9





#48
 2-Hexanone
 Concen: 1.798 ug/L
 RT: 8.108 min Scan# 2189
 Delta R.T. 0.029 min
 Lab File: VV035713.D
 Acq: 23 May 2024 19:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 1087
Ion Ratio	Lower Upper
43	100
58	28.6 48.8 73.2#
57	12.7 16.9 25.3#
100	6.3 11.7 17.5#

