

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035924.D
 Acq On : 31 May 2024 13:05
 Operator : SY/MD
 Sample : P2659-21
 Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:02:29 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)

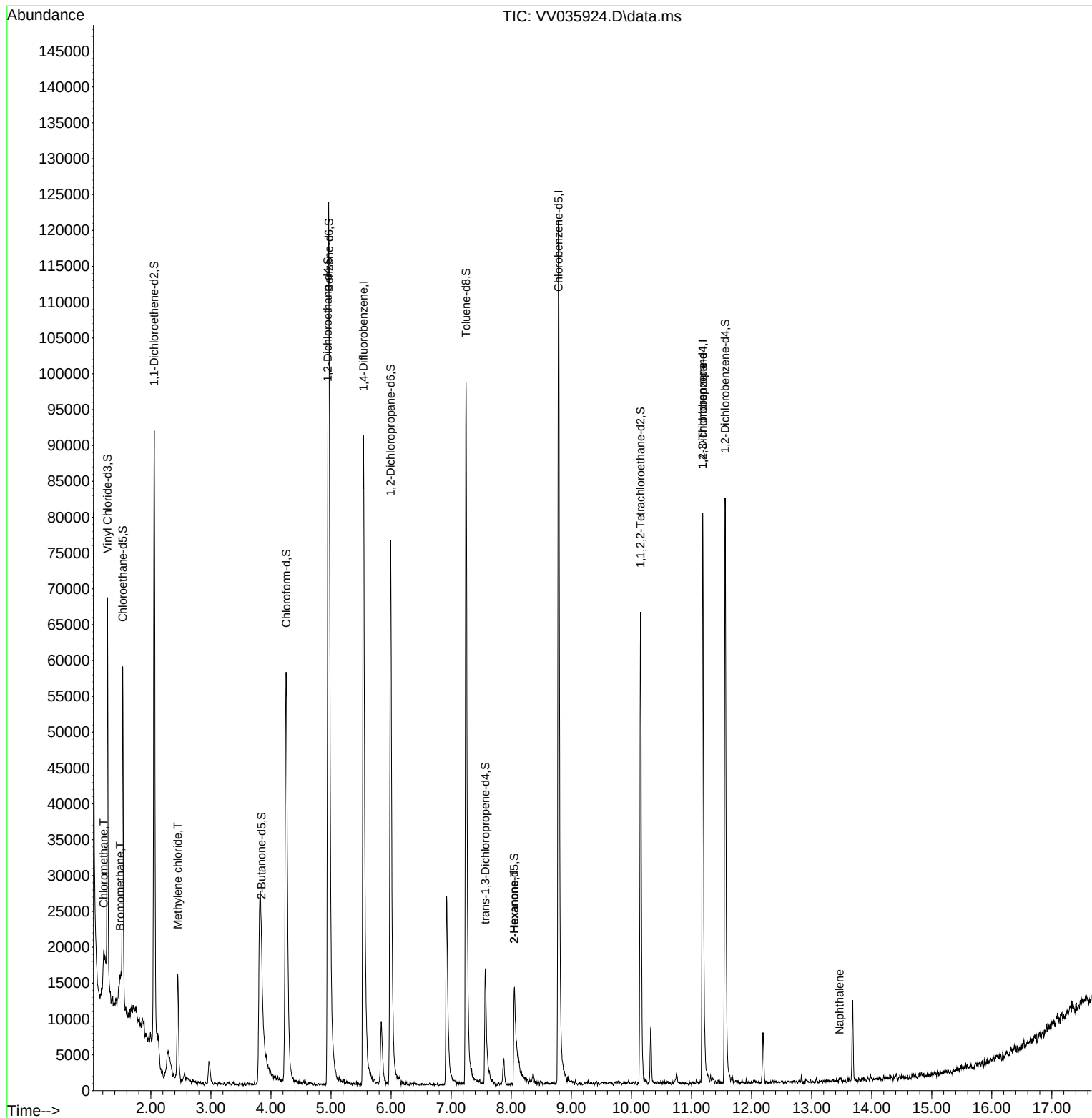
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	86780	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74216	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	23358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32630	20.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.800%
7) Chloroethane-d5	1.532	69	30017	23.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.056	65	15212	21.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.680%
21) 2-Butanone-d5	3.844	46	9742	26.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.220%
24) Chloroform-d	4.252	84	65975	23.913	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.640%
26) 1,2-Dichloroethane-d4	4.947	65	39655	27.414	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.640%
32) Benzene-d6	4.963	84	108685	24.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.560%
36) 1,2-Dichloropropane-d6	5.992	67	41861	30.132	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.520%#
41) Toluene-d8	7.246	98	72822	18.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.840%
43) trans-1,3-Dichloroprop...	7.567	79	12739	22.364	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.440%
47) 2-Hexanone-d5	8.050	63	4866	25.852	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.700%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	34139	32.885	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.520%#
66) 1,2-Dichlorobenzene-d4	11.561	152	23554	27.498	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1079	0.601	ug/L	90
6) Bromomethane	1.487	94	762	0.650	ug/L	95
16) Methylene chloride	2.449	84	6200	3.157	ug/L	94
48) 2-Hexanone	8.053	43	780	1.441	ug/L #	68
61) 1,2,3-Trichloropropane	11.188	75	2526	4.572	ug/L #	63
71) Naphthalene	13.467	128	522	0.345	ug/L #	69

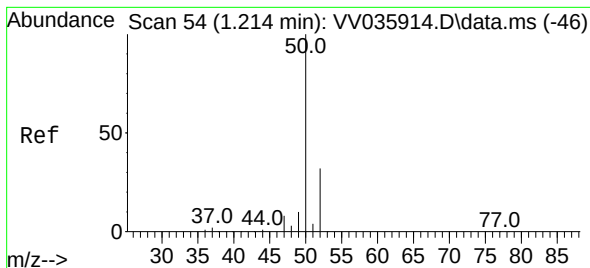
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 31 22:59:48 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.601 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV035924.D

Acq: 31 May 2024 13:05

Instrument :

MSVOA_V

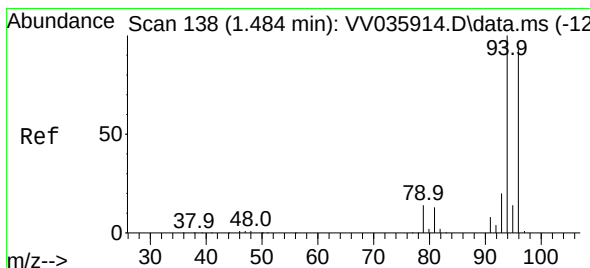
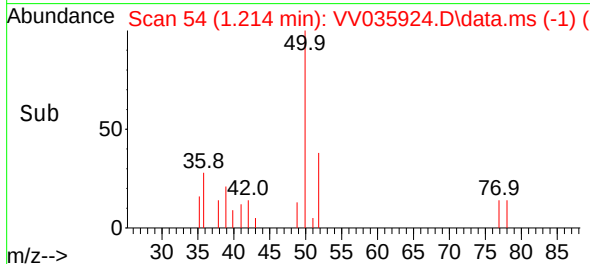
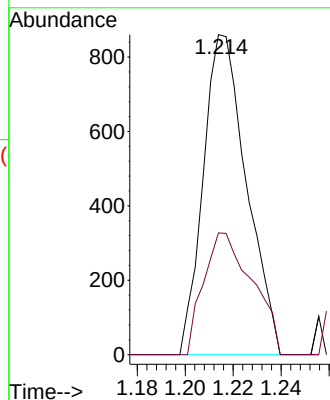
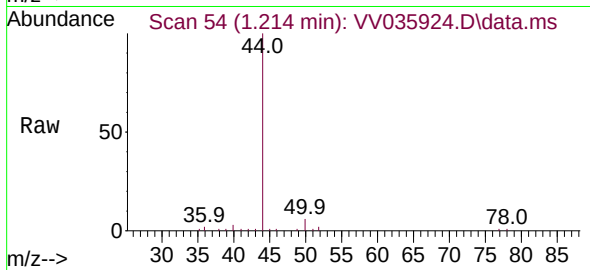
ClientSampleId :

Tgt Ion: 50 Resp: 1079

Ion Ratio Lower Upper

50 100

52 38.0 22.8 42.4



#6

Bromomethane

Concen: 0.650 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV035924.D

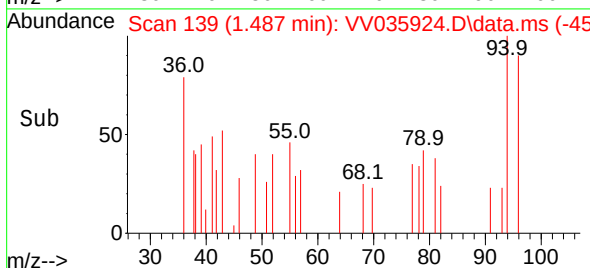
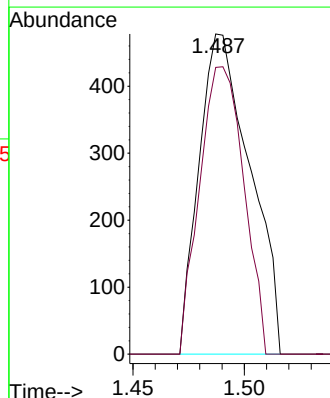
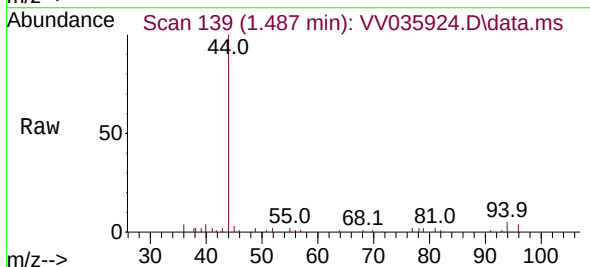
Acq: 31 May 2024 13:05

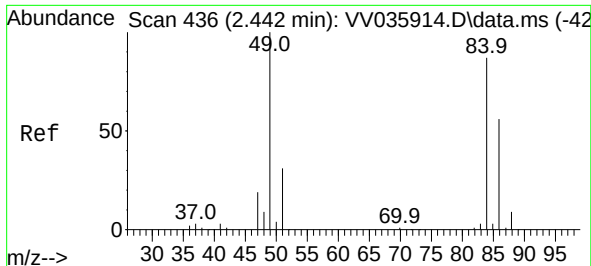
Tgt Ion: 94 Resp: 762

Ion Ratio Lower Upper

94 100

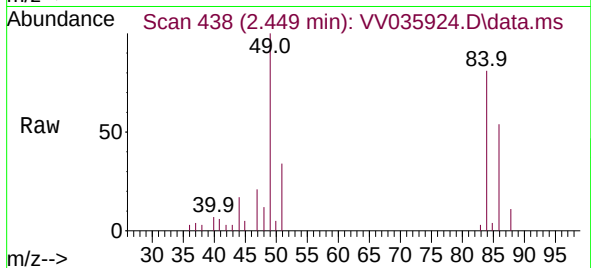
96 89.5 65.7 122.1



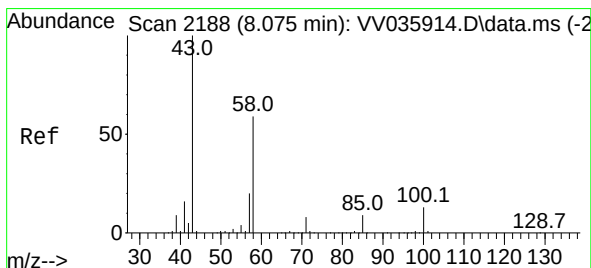
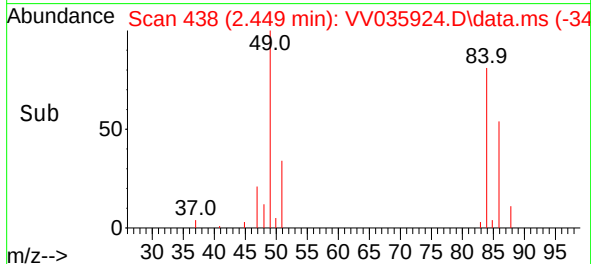
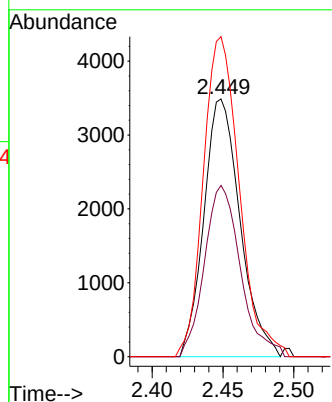


#16
Methylene chloride
Concen: 3.157 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV035924.D
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Instrument :
MSVOA_V
ClientSampleId :

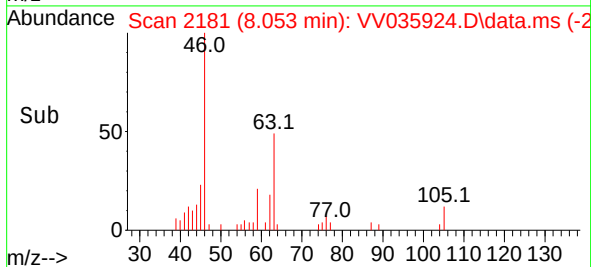
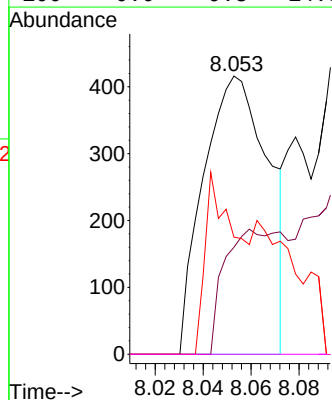
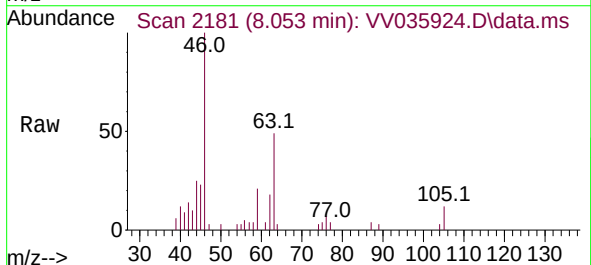


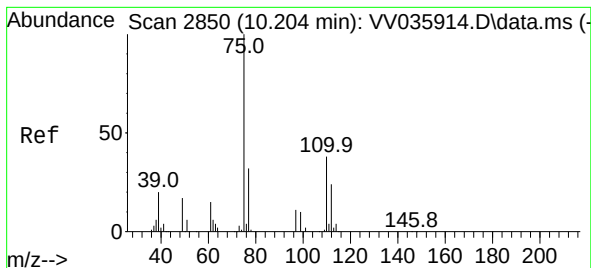
Tgt Ion: 84 Resp: 6200
Ion Ratio Lower Upper
84 100
86 66.5 44.6 82.8
49 124.2 81.1 150.5



#48
2-Hexanone
Concen: 1.441 ug/L
RT: 8.053 min Scan# 2181
Delta R.T. -0.023 min
Lab File: VV035924.D
Acq: 31 May 2024 13:05

Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 28.2 45.4 68.0#
57 13.6 15.8 23.8#
100 0.0 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 4.572 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.984 min

Lab File: VV035924.D

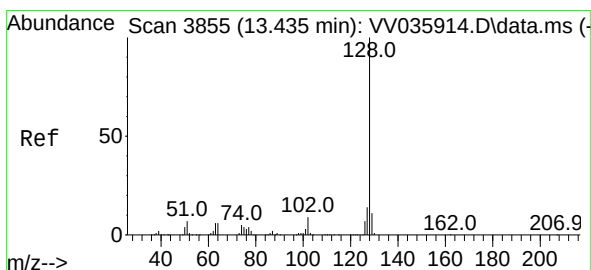
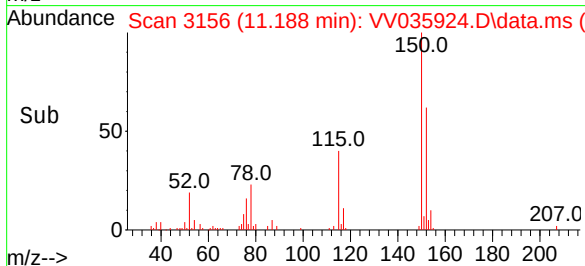
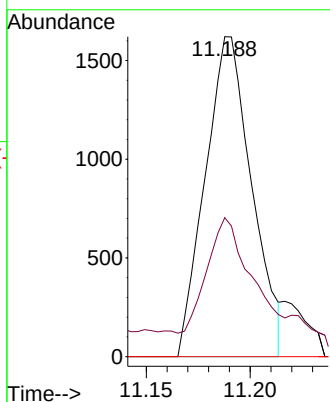
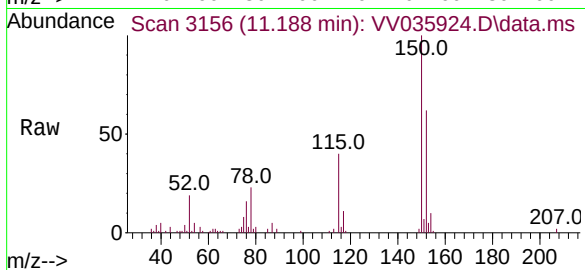
Acq: 31 May 2024 13:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp:	2526
Ion Ratio	Lower	Upper
75	100	
77	33.2	26.0 39.0
110	0.0	32.2 48.4#



#71

Naphthalene

Concen: 0.345 ug/L

RT: 13.467 min Scan# 3865

Delta R.T. 0.032 min

Lab File: VV035924.D

Acq: 31 May 2024 13:05

Tgt Ion: 128	Resp:	522
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6 16.0#
129	0.0	8.8 13.2#

