

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035672.D
 Acq On : 22 May 2024 13:57
 Operator : SY/MD
 Sample : P2547-03
 Misc : 4.61g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 02:23:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

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

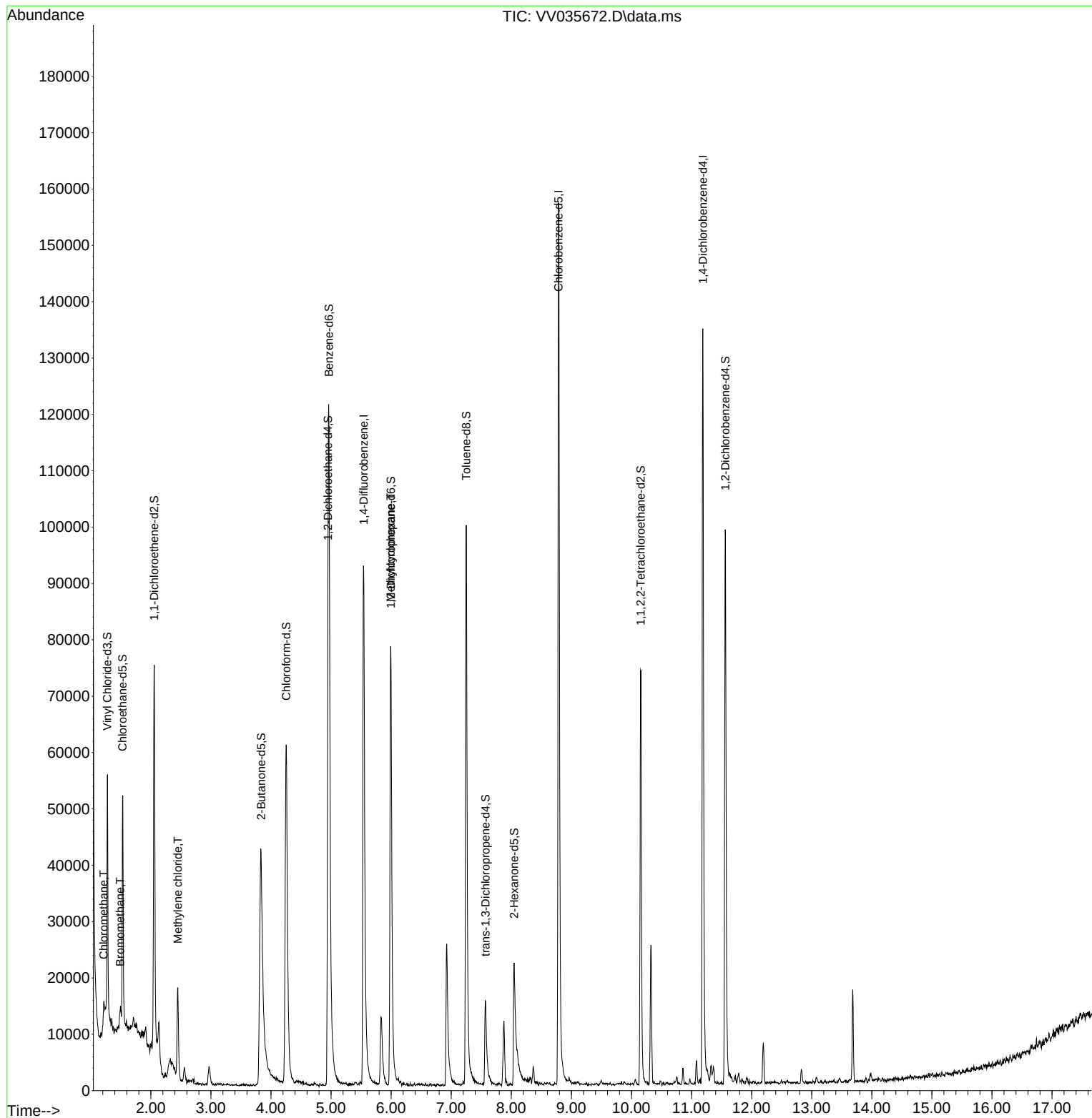
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	87215	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	98787	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39143	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	25905	19.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.880%
7) Chloroethane-d5	1.529	69	26194	24.087	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
11) 1,1-Dichloroethene-d2	2.056	65	11889	19.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.680%
21) 2-Butanone-d5	3.838	46	18923	49.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.920%
24) Chloroform-d	4.252	84	69335	26.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.960%
26) 1,2-Dichloroethane-d4	4.947	65	40225	31.381	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.520%
32) Benzene-d6	4.963	84	105969	19.596	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	5.995	67	41364	24.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	7.249	98	74546	15.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.960%
43) trans-1,3-Dichloroprop...	7.571	79	11826	16.570	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.280%
47) 2-Hexanone-d5	8.046	63	8344	27.806	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	38821	24.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	11.564	152	27969	20.589	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	1552	0.872	ug/L	97
6) Bromomethane	1.487	94	732	0.629	ug/L	97
16) Methylene chloride	2.449	84	7002	3.482	ug/L	93
35) Methylcyclohexane	5.992	83	9877	3.518	ug/L #	21

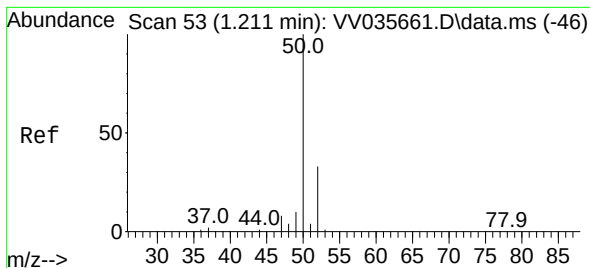
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.872 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.003 min

Lab File: VV035672.D

Acq: 22 May 2024 13:57

Instrument :

MSVOA_V

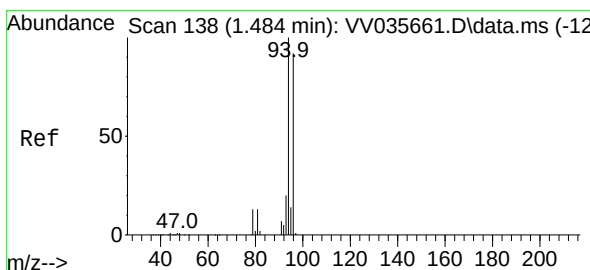
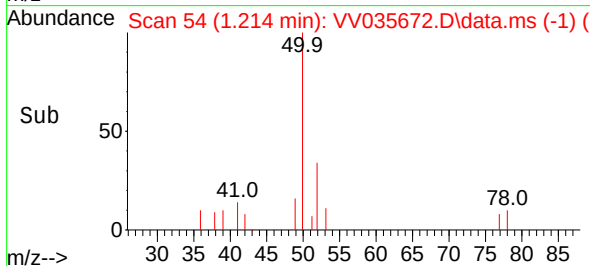
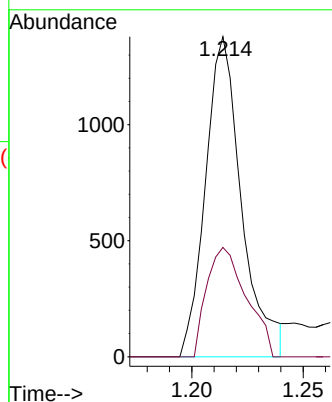
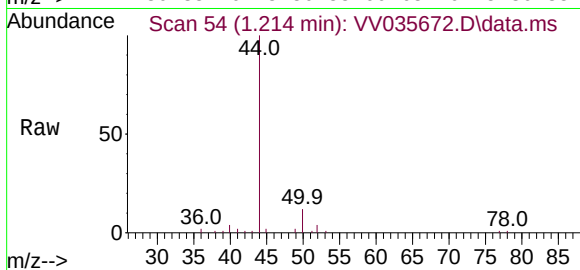
ClientSampleId :

Tgt Ion: 50 Resp: 1552

Ion Ratio Lower Upper

50 100

52 34.2 22.7 42.1



#6

Bromomethane

Concen: 0.629 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV035672.D

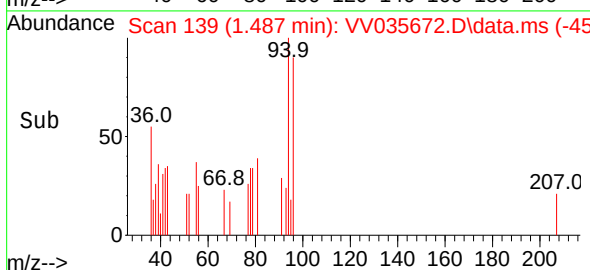
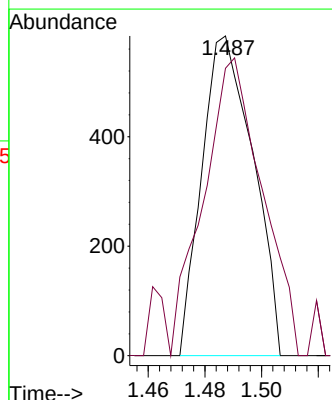
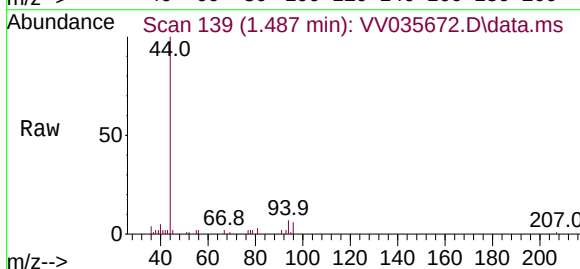
Acq: 22 May 2024 13:57

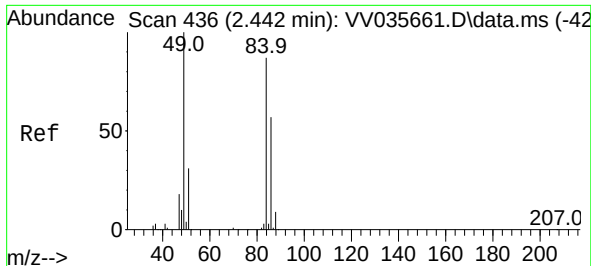
Tgt Ion: 94 Resp: 732

Ion Ratio Lower Upper

94 100

96 89.9 65.2 121.0





#16

Methylene chloride

Concen: 3.482 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.006 min

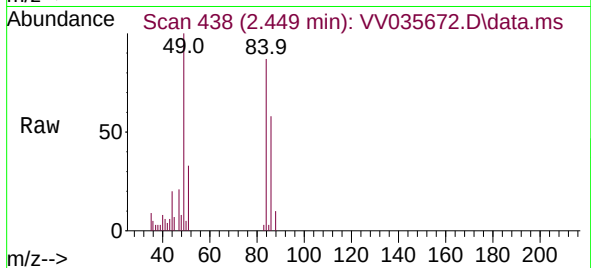
Lab File: VV035672.D

Acq: 22 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :



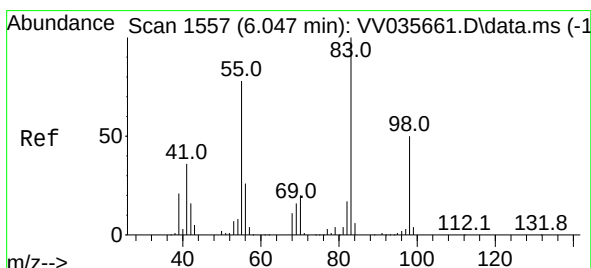
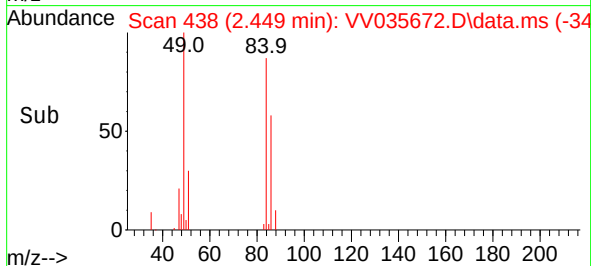
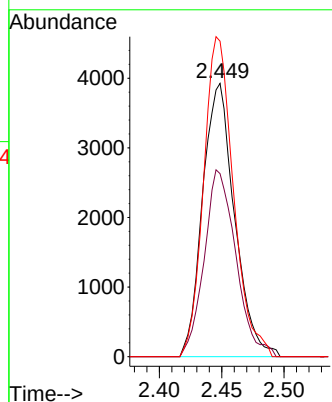
Tgt Ion: 84 Resp: 7002

Ion Ratio Lower Upper

84 100

86 67.0 43.8 81.3

49 115.4 75.3 139.9



#35

Methylcyclohexane

Concen: 3.518 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.055 min

Lab File: VV035672.D

Acq: 22 May 2024 13:57

Tgt Ion: 83 Resp: 9877

Ion Ratio Lower Upper

83 100

55 0.7 57.5 86.3#

98 0.6 38.6 58.0#

