

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037176.D
 Acq On : 29 Aug 2024 22:52
 Operator : SY/MD
 Sample : P3785-03
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 01:44:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 30 01:20:16 2024
 Response via : Initial Calibration

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

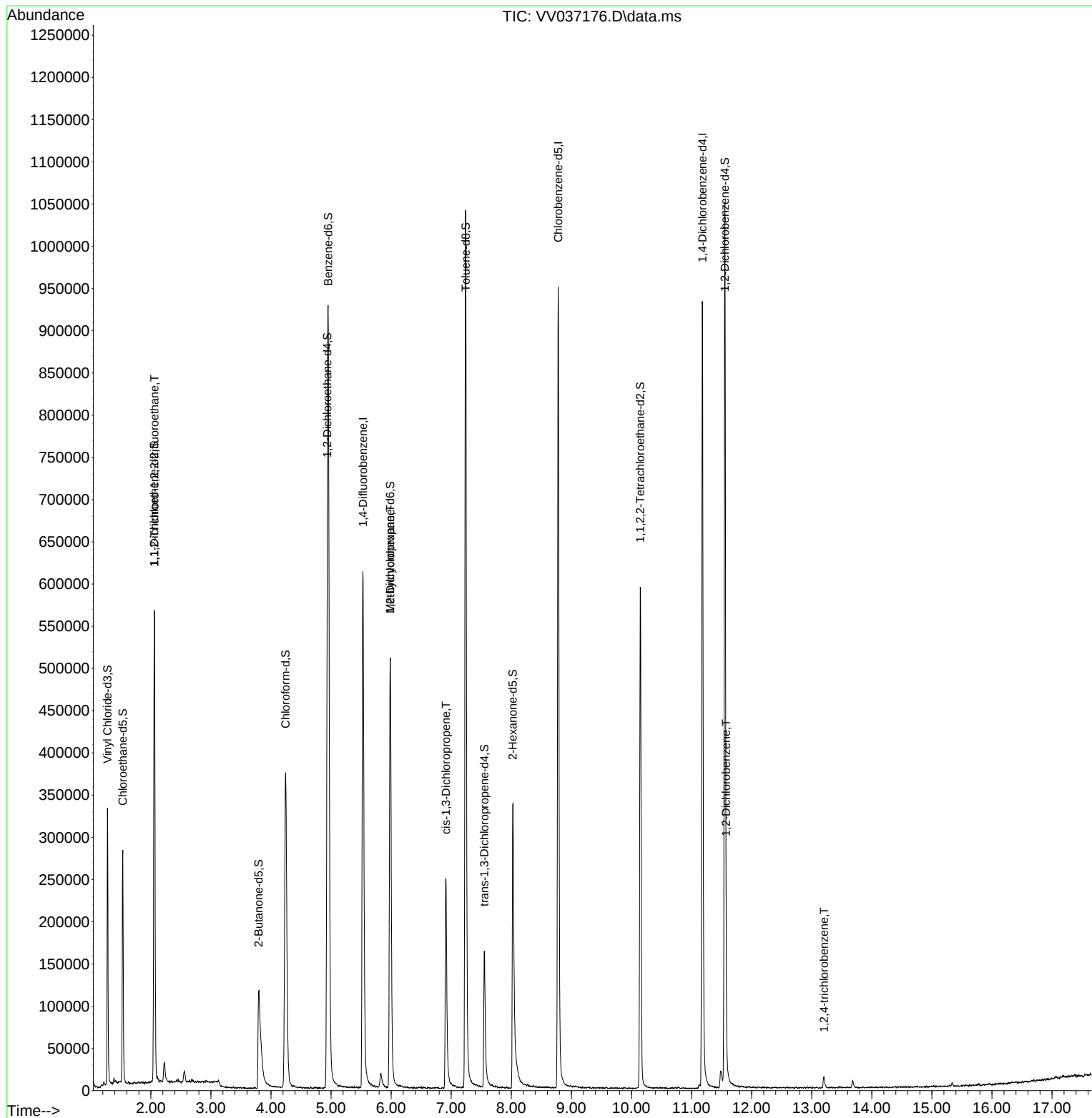
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	529515	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	510027	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	237583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	211757	43.717	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.440%
7) Chloroethane-d5	1.532	69	180334	48.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.340%
11) 1,1-Dichloroethene-d2	2.056	65	96364	47.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.660%
21) 2-Butanone-d5	3.796	46	191090	101.874	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.870%
24) Chloroform-d	4.243	84	395845	52.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	4.937	65	252719	52.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.880%
32) Benzene-d6	4.953	84	793843	51.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
36) 1,2-Dichloropropane-d6	5.986	67	257097	53.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.560%
41) Toluene-d8	7.239	98	688419	49.516	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.040%
43) trans-1,3-Dichloroprop...	7.551	79	99152	44.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.840%
47) 2-Hexanone-d5	8.024	63	116699	88.621	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.620%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	293896	50.223	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	11.554	152	259009	54.433	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.860%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2736	0.746	ug/L #	29
35) Methylcyclohexane	5.986	83	59011	9.349	ug/L #	18
39) cis-1,3-Dichloropropene	6.912	75	6516	1.046	ug/L #	27
67) 1,2-Dichlorobenzene	11.574	146	11293	1.615	ug/L #	92
70) 1,2,4-trichlorobenzene	13.204	180	4349	0.933	ug/L	97

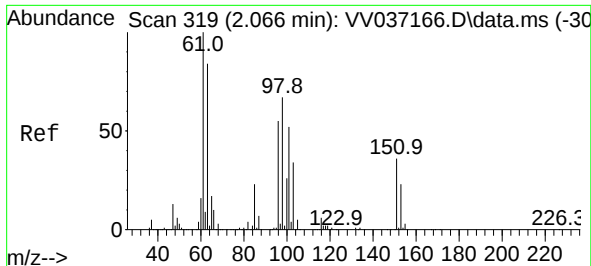
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.746 ug/L

RT: 2.060 min Scan# 319

Delta R.T. -0.006 min

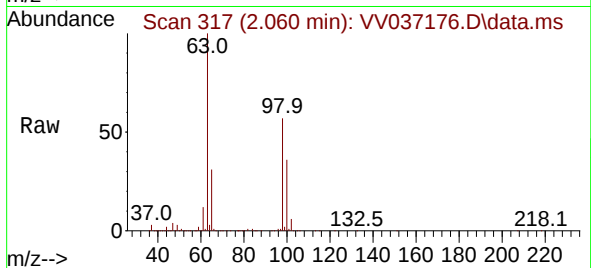
Lab File: VV037176.D

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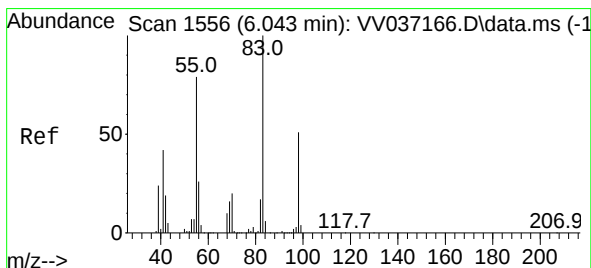
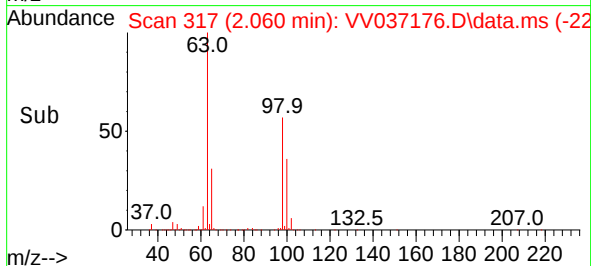
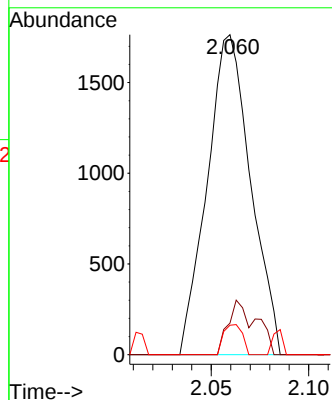
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
101	100		
85	7.2	35.6	53.4#
151	4.1	55.0	82.4#



#35

Methylcyclohexane

Concen: 9.349 ug/L

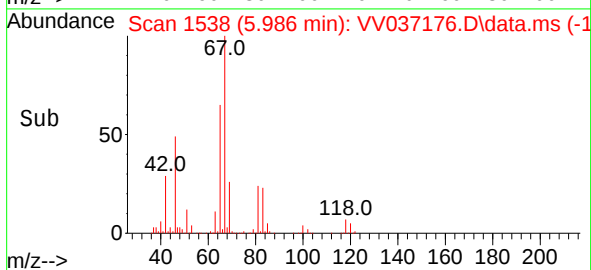
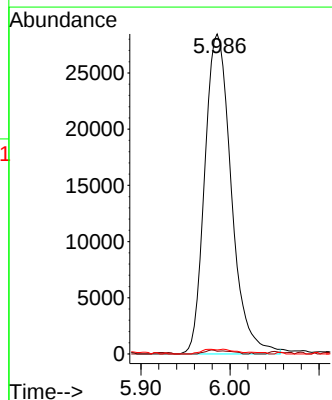
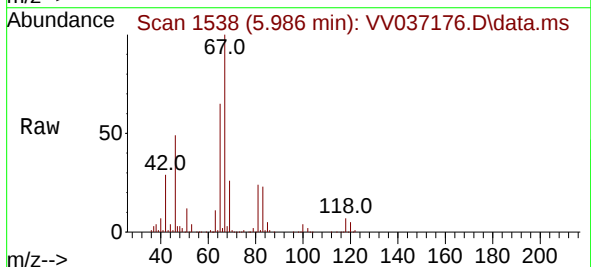
RT: 5.986 min Scan# 1538

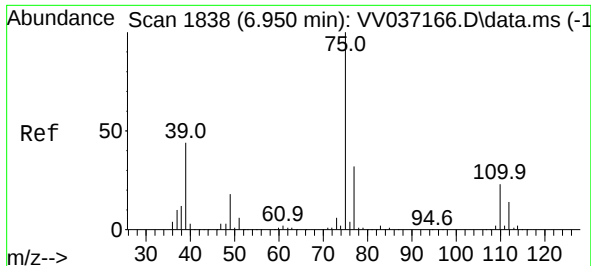
Delta R.T. -0.058 min

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Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.6	39.3	58.9#





#39

cis-1,3-Dichloropropene

Concen: 1.046 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.039 min

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MSVOA_V

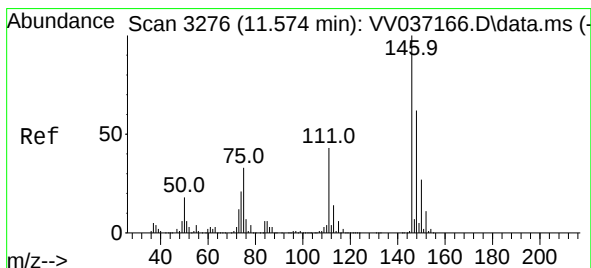
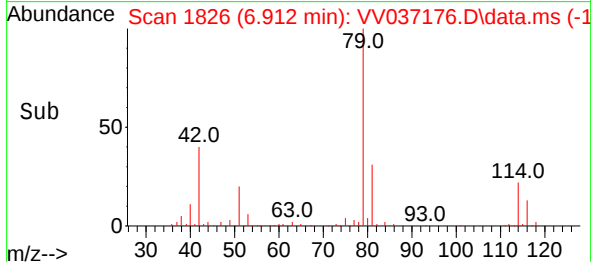
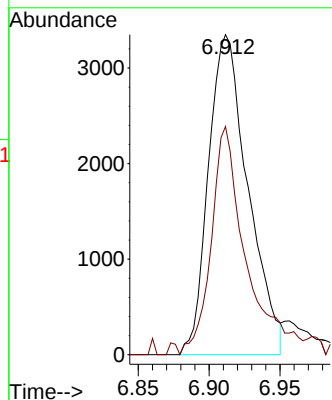
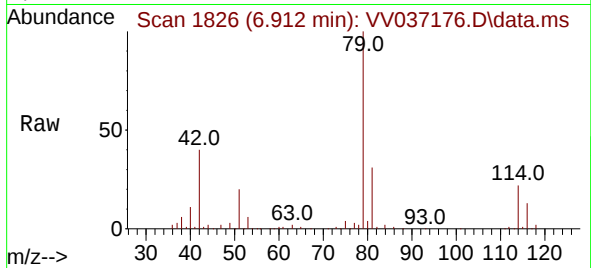
ClientSampleId :

Tgt Ion: 75 Resp: 6516

Ion Ratio Lower Upper

75 100

77 71.3 21.7 40.3#



#67

1,2-Dichlorobenzene

Concen: 1.615 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

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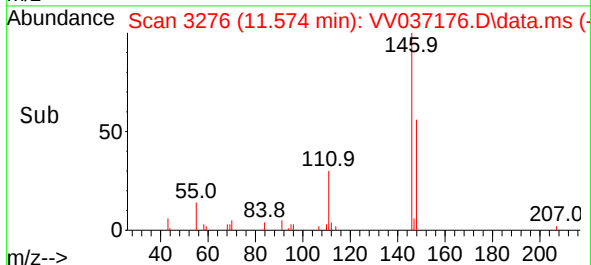
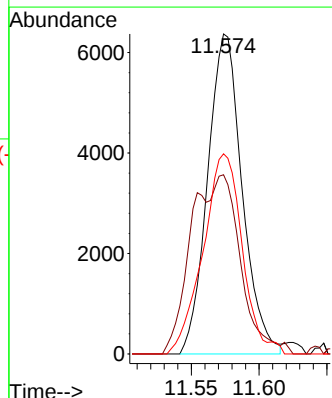
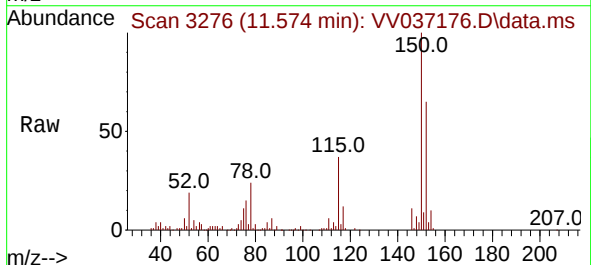
Tgt Ion:146 Resp: 11293

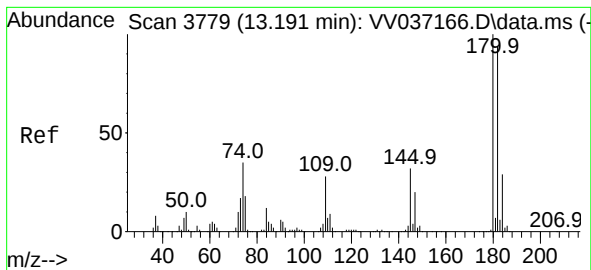
Ion Ratio Lower Upper

146 100

111 56.0 34.6 51.8#

148 62.6 50.2 75.4





#70

1,2,4-trichlorobenzene

Concen: 0.933 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.013 min

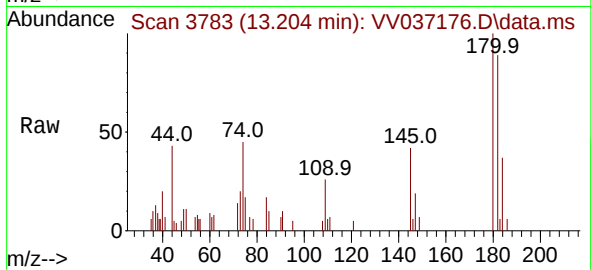
Lab File: VV037176.D

Acq: 29 Aug 2024 22:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4349

Ion Ratio Lower Upper

180 100

182 91.4 75.7 113.5

145 32.2 26.0 39.0

