

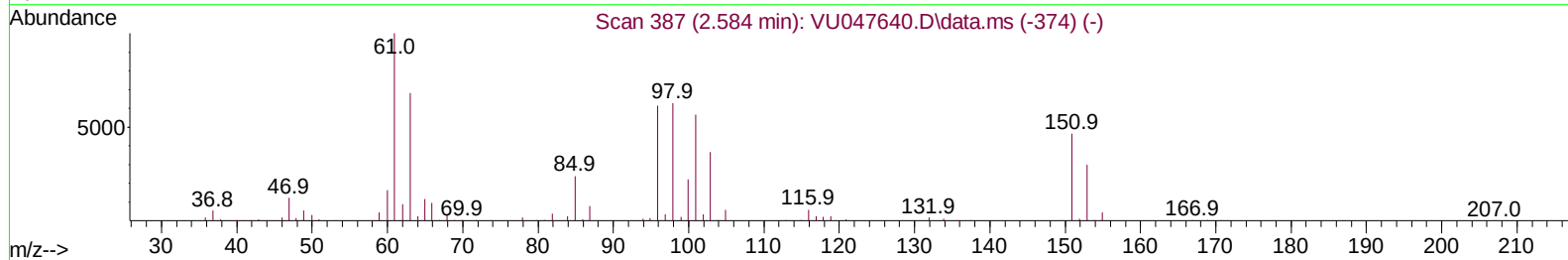
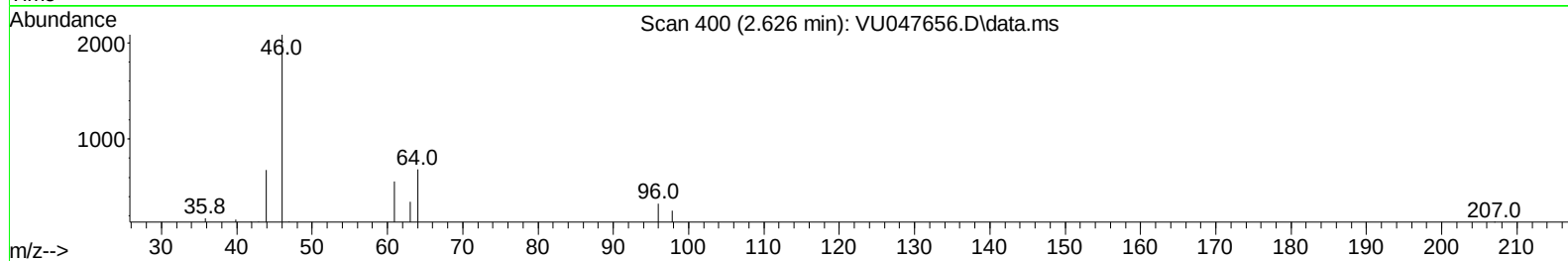
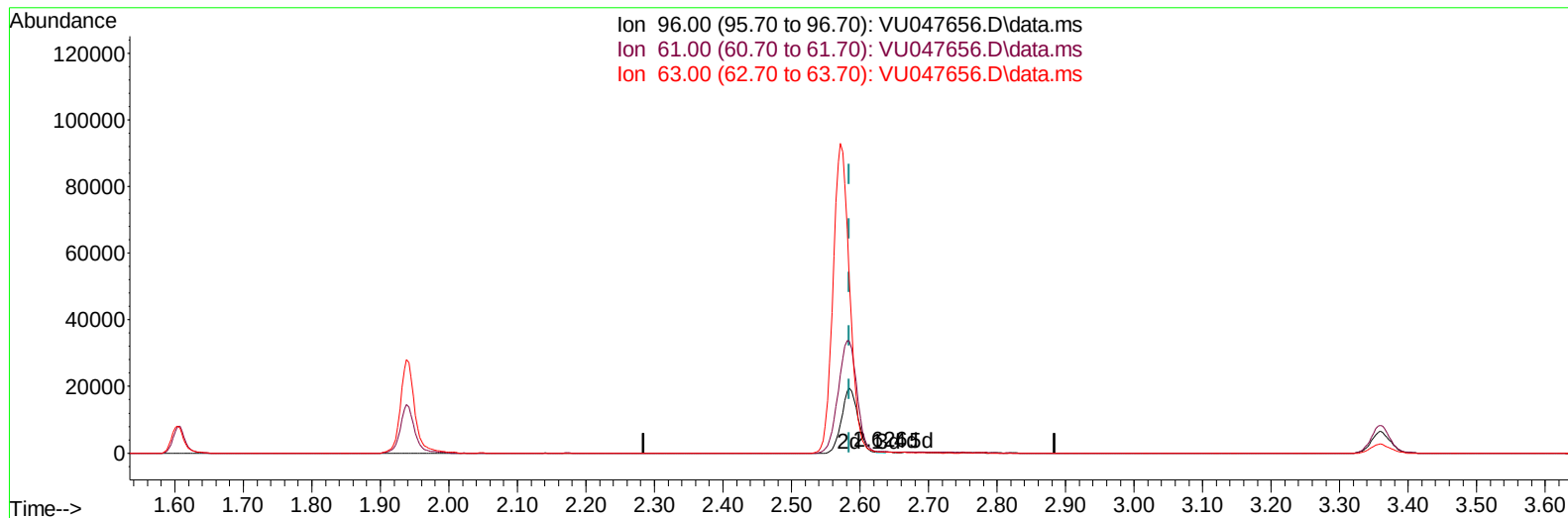
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047656.D
Acq On : 25 Mar 2022 00:32
Operator : SY/MD
Sample : N2081-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y2

Manual IntegrationsAPPROVED

Quant Time: Mar 25 05:30:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:34:42 2022
Response via : Initial Calibration

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/29/2022



TIC: VU047656.D\data.ms

(12) 1,1-Dichloroethene (T)

2.626min (+ 0.042) 0.07 ug/L

response 150

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	161.60	168.18
63.00	135.40	105.45
0.00	0.00	0.00

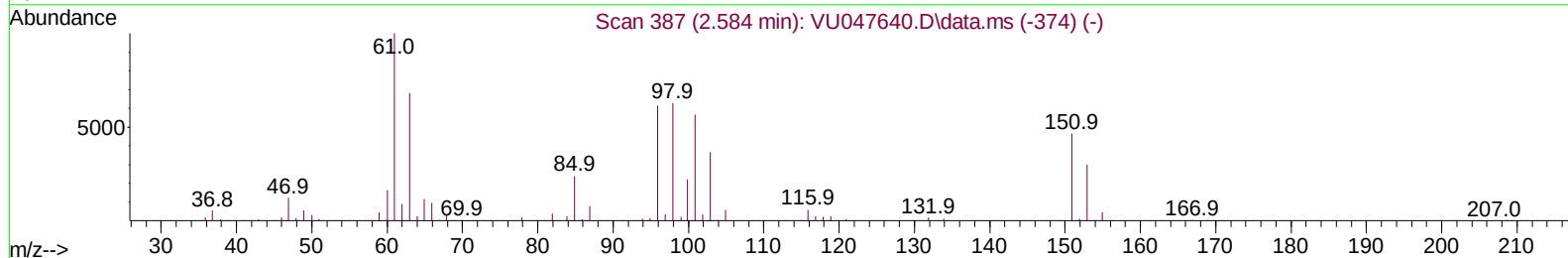
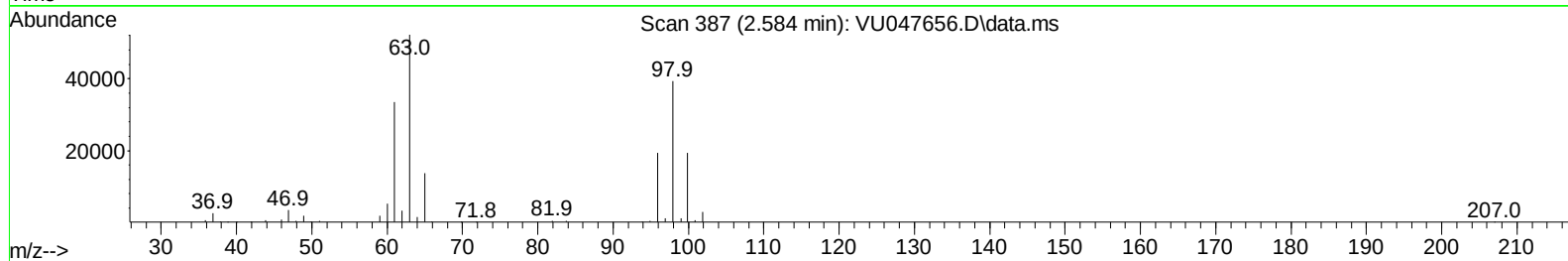
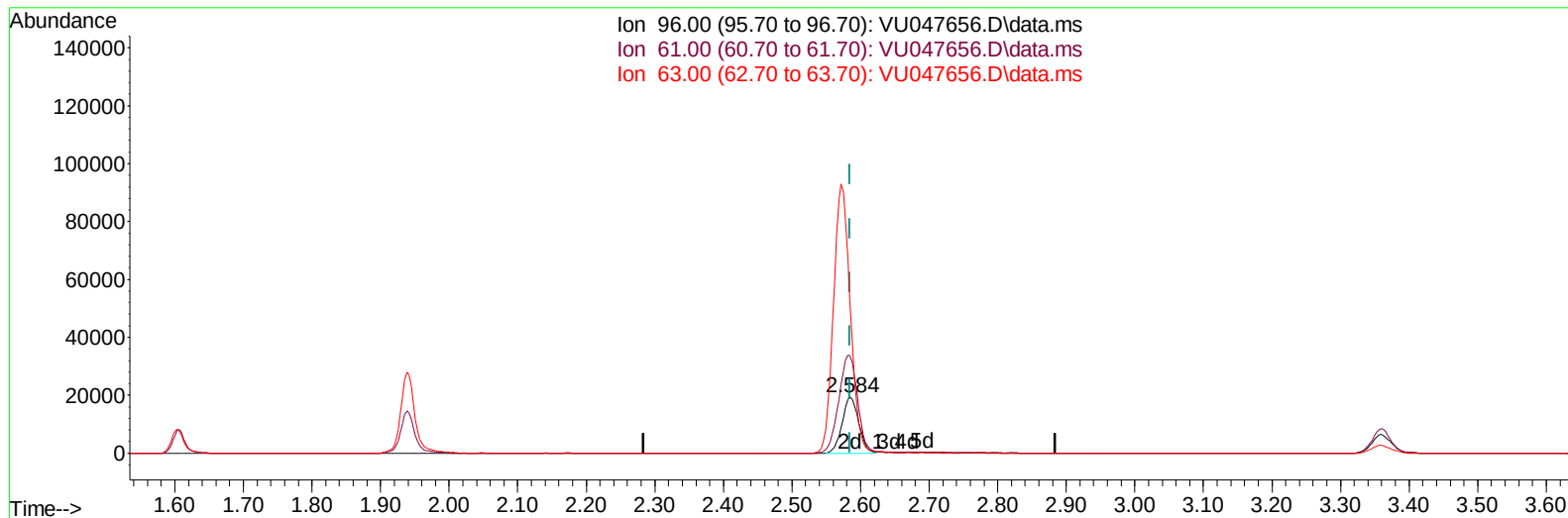
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(12) 1,1-Dichloroethene (T)

2.584min (+ 0.000) 15.11 ug/L m

response 32180

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	161.60	172.58
63.00	135.40	268.88#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310569	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97985	43.508	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	87.020%	
7) Chloroethane-d5	1.919	69	77341	43.552	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	87.100%	
11) 1,1-Dichloroethene-d2	2.572	63	157195	38.150	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	76.300%	
21) 2-Butanone-d5	4.649	46	206171	106.655	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	106.660%	
24) Chloroform-d	5.067	84	191180	46.394	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.780%	
26) 1,2-Dichloroethane-d4	5.703	65	121530	48.085	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.180%	
32) Benzene-d6	5.729	84	389239	48.670	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.340%	
36) 1,2-Dichloropropane-d6	6.694	67	122517	49.883	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	99.760%	
41) Toluene-d8	7.899	98	364640	46.797	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.179	79	58598	47.093	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	94.180%	
47) 2-Hexanone-d5	8.636	63	147430	102.539	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	102.540%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	194201	46.073	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	92.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	160854	53.884	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.760%	
Target Compounds						
						Qvalue
5) vinyl chloride	1.607	62	83337	29.675	ug/L	99
8) Chloroethane	1.938	64	609157	345.535	ug/L	99
9) Trichlorofluoromethane	2.144	101	4515	1.140	ug/L	91
12) 1,1-Dichloroethene	2.584	96	32180m	15.105	ug/L	
17) trans-1,2-Dichloroethene	3.359	96	12597	5.482	ug/L	98
19) 1,1-Dichloroethane	3.874	63	1376863	347.435	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	1117663	443.673	ug/L	95
27) 1,2-Dichloroethane	5.797	62	4854	1.473	ug/L #	93
30) 1,1,1-Trichloroethane	5.321	97	3014122	836.361	ug/L	100
33) Benzene	5.777	78	9493	1.032	ug/L	100
34) Trichloroethene	6.546	95	21638	8.971	ug/L	96
35) Methylcyclohexane	6.764	83	3388	0.923	ug/L #	91
42) Toluene	7.970	91	186699	18.496	ug/L	98
46) Tetrachloroethene	8.552	164	41777	19.275	ug/L	98
52) Ethylbenzene	9.571	91	55602	5.239	ug/L	100
53) m,p-Xylene	9.690	106	50464	12.117	ug/L	99
54) o-Xylene	10.102	106	30030	7.347	ug/L	99
61) Isopropylbenzene	10.484	105	10313	1.137	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.089	105	30505	6.200	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	152845	20.451	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	8884	1.762	ug/L #	91

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

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