

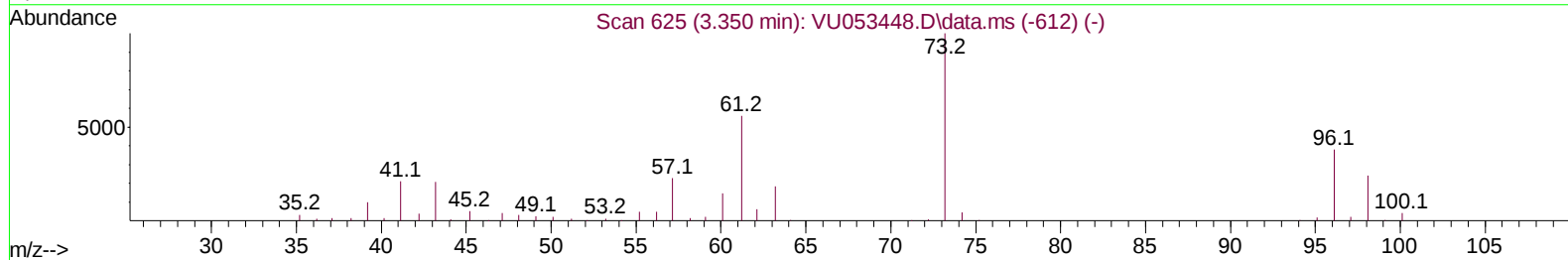
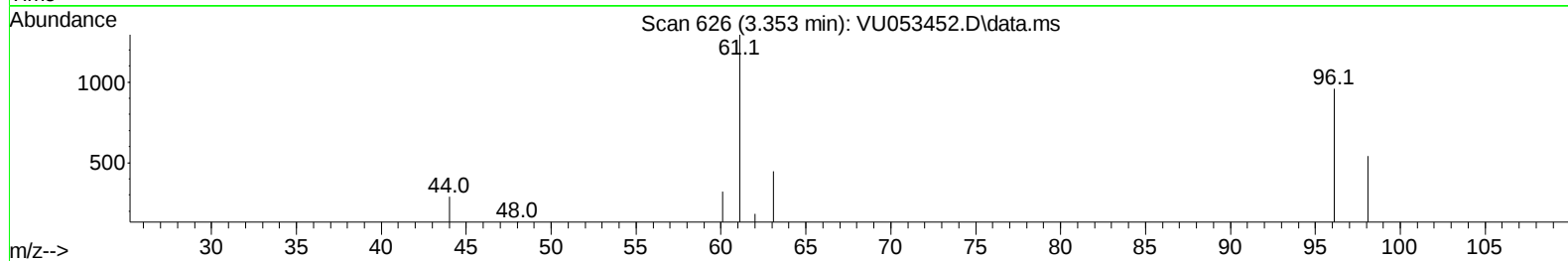
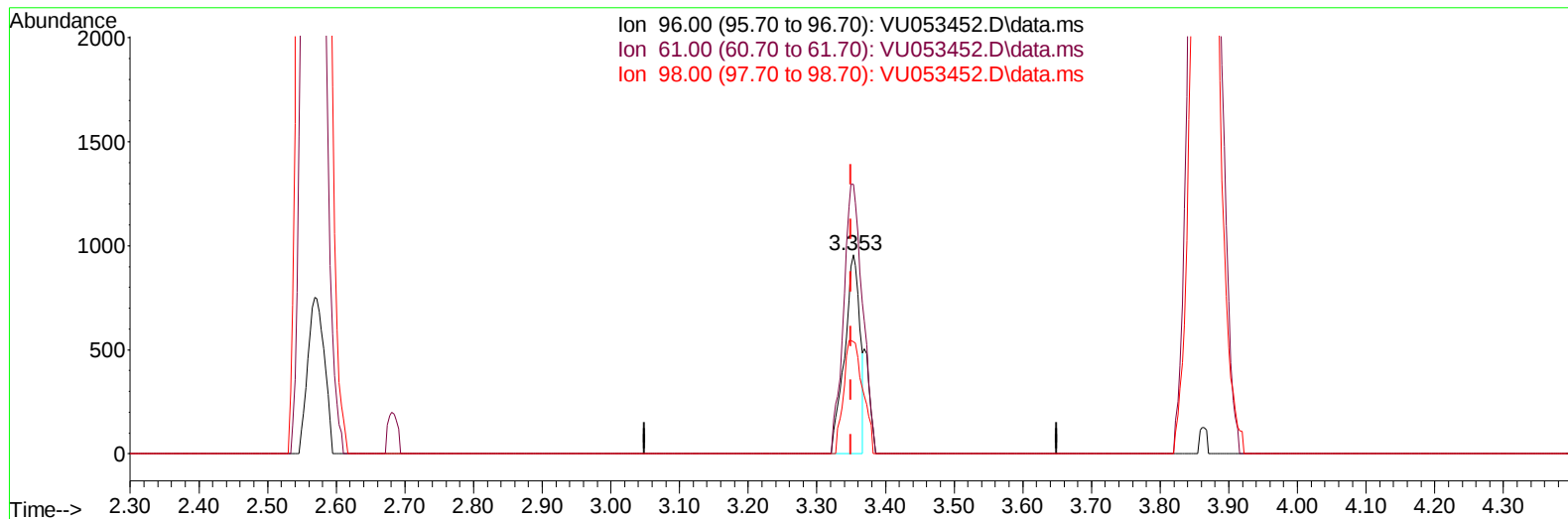
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053452.D
Acq On : 28 Mar 2023 22:56
Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

Manual IntegrationsAPPROVED

Quant Time: Mar 29 04:18:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 29 02:16:14 2023
Response via : Initial Calibration

Reviewed By :Krupa Patel 03/31/2023
Supervised By :Mahesh Dadoda 03/31/2023



TIC: VU053452.D\data.ms

(17) trans-1,2-Dichloroethene (T)

3.353min (+ 0.004) 0.97 ug/L

response 1464

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	142.30	135.18
98.00	65.00	56.37
0.00	0.00	0.00

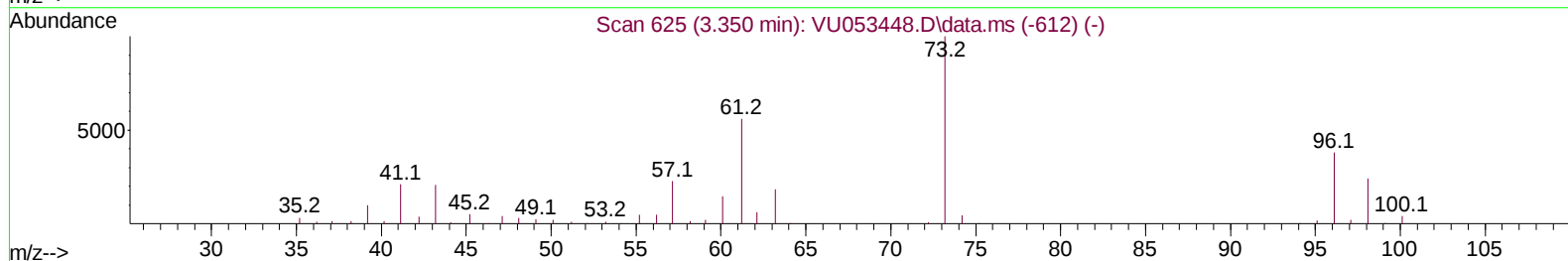
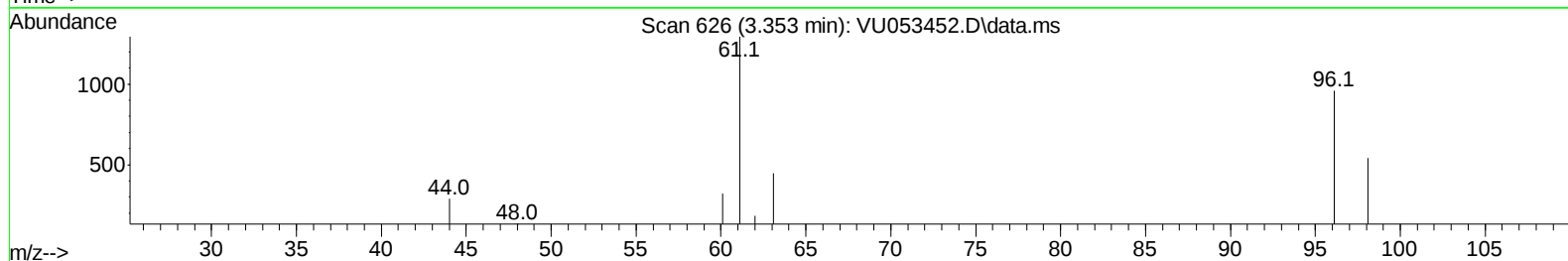
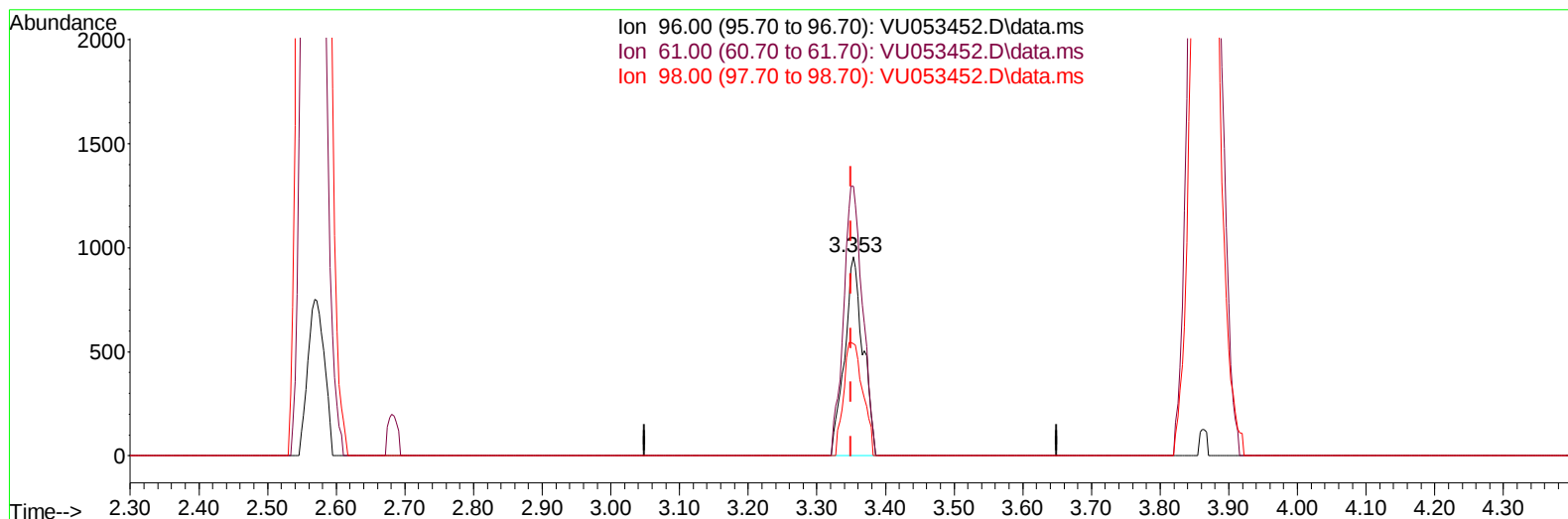
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TIC: VU053452.D\data.ms

(17) trans-1,2-Dichloroethene (T)

3.353min (+ 0.004) 1.18 ug/L m

response 1780

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	142.30	135.18
98.00	65.00	56.37
0.00	0.00	0.00

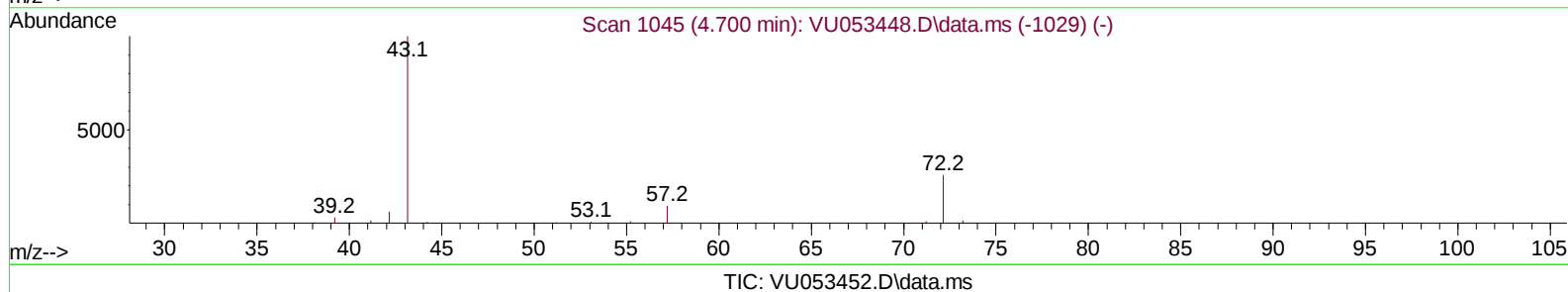
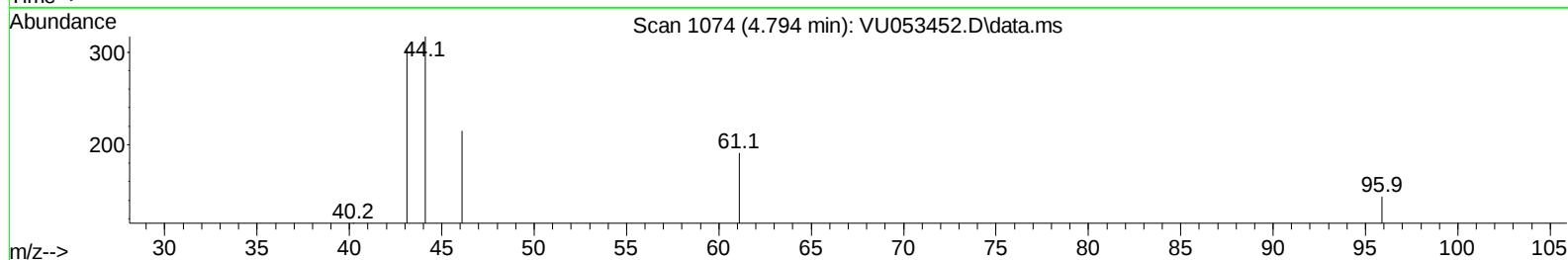
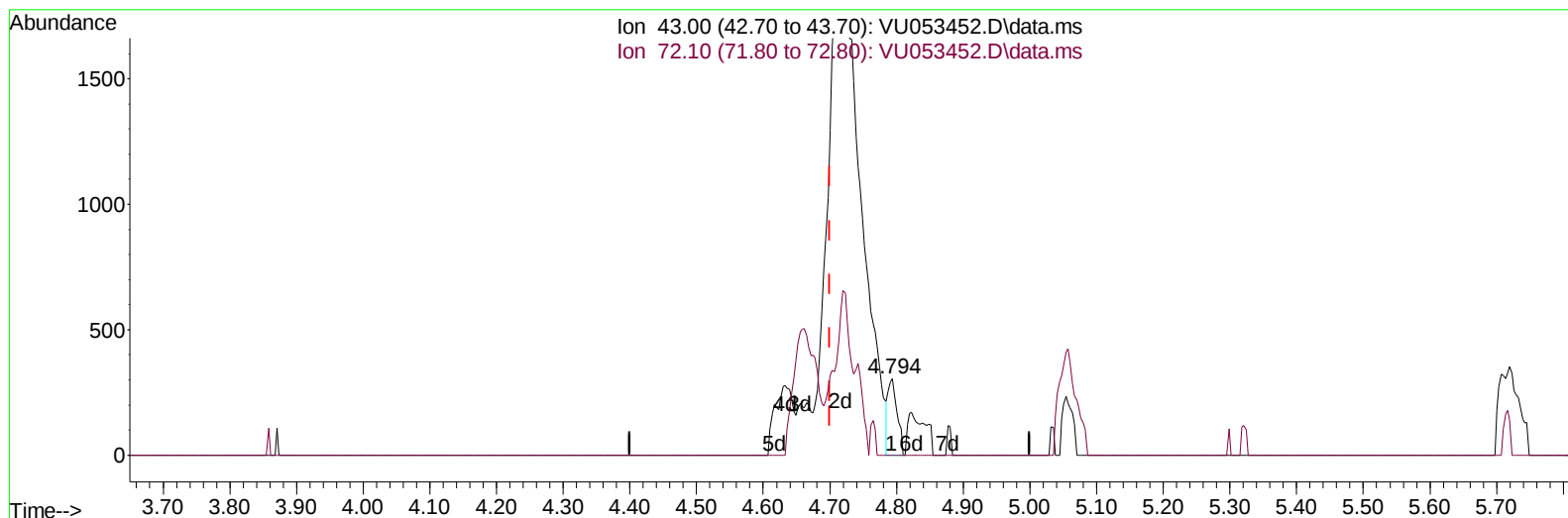
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 ClientSampleId :
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(22) 2-Butanone (T)

4.794min (+ 0.094) 0.26 ug/L

response 290

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	31.90	23.79
0.00	0.00	0.00
0.00	0.00	0.00

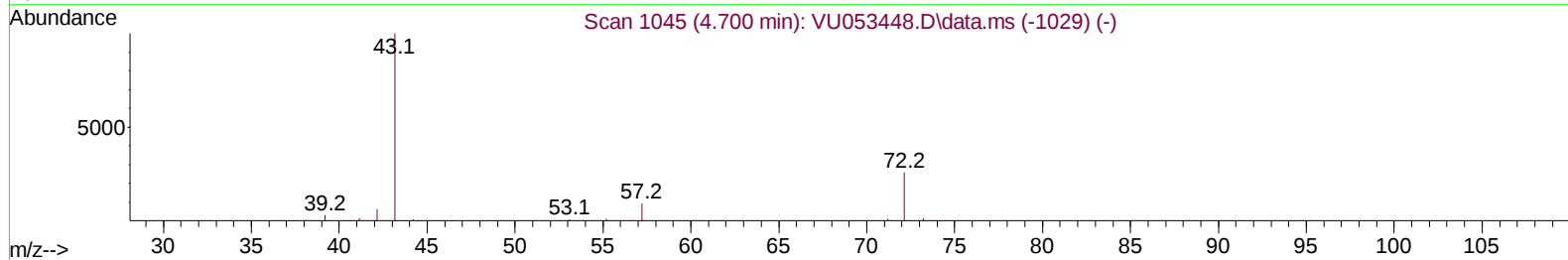
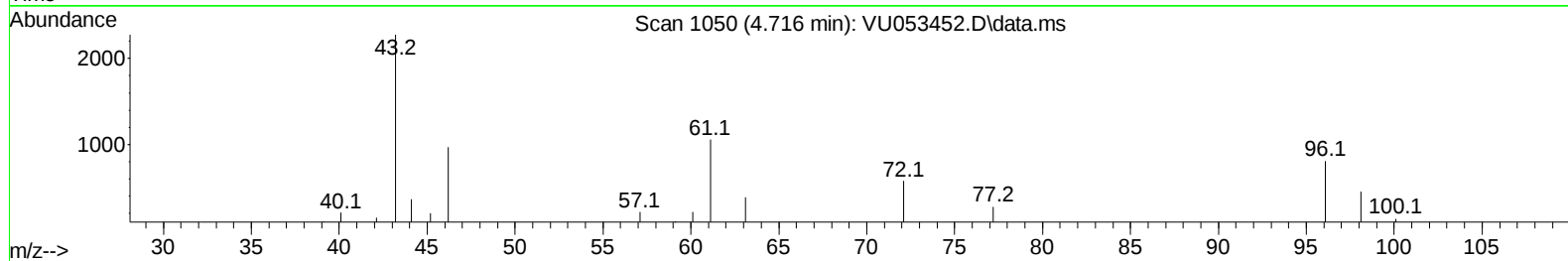
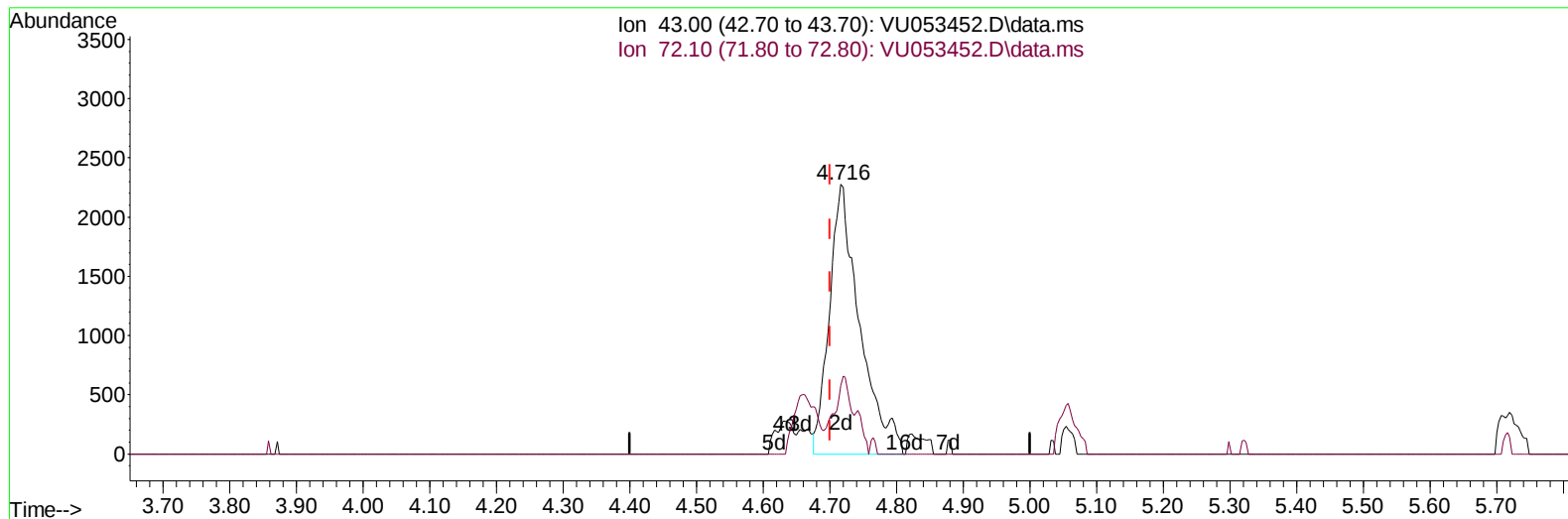
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TIC: VU053452.D\data.ms

(22) 2-Butanone (T)

4.716min (+ 0.016) 6.38 ug/L m

response 7190

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	31.90	0.96#
0.00	0.00	0.00
0.00	0.00	0.00

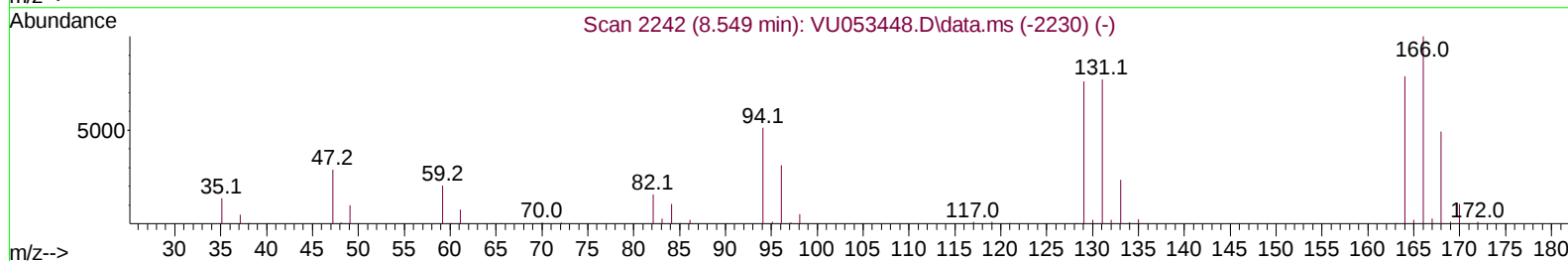
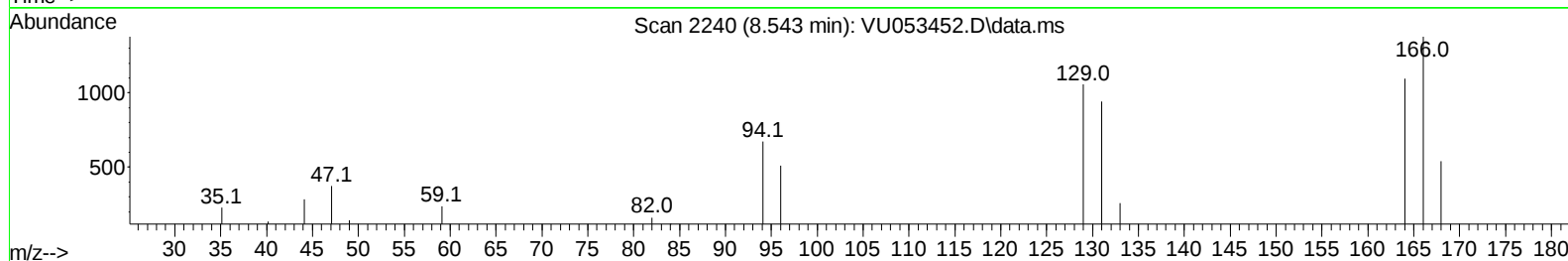
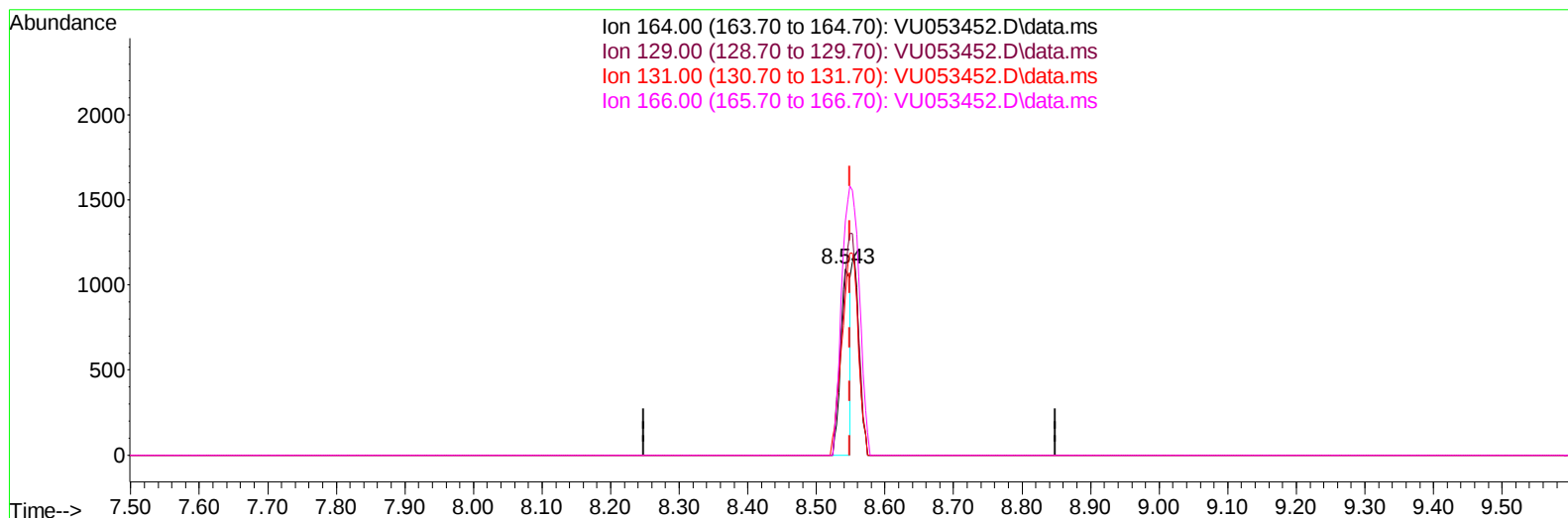
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Instrument :
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TIC: VU053452.D\data.ms

(46) Tetrachloroethene (T)

8.543min (-0.006) 0.93 ug/L

response 1060

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	105.20	96.44
131.00	100.50	85.86
166.00	127.00	125.73

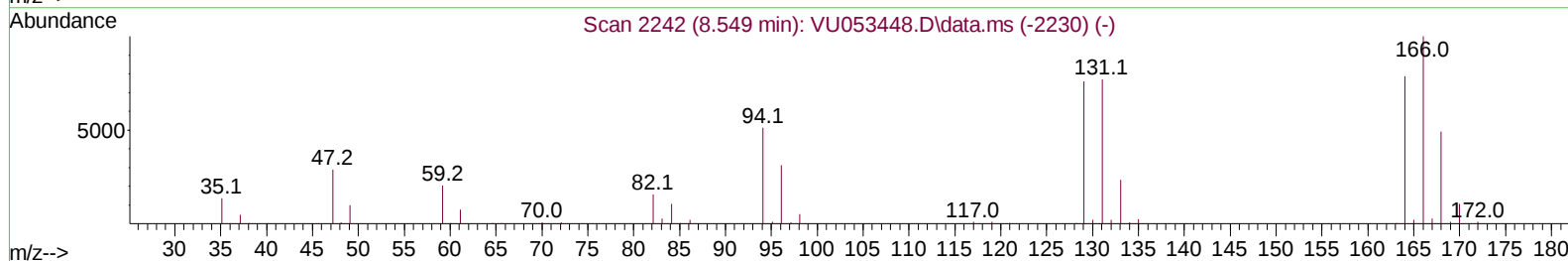
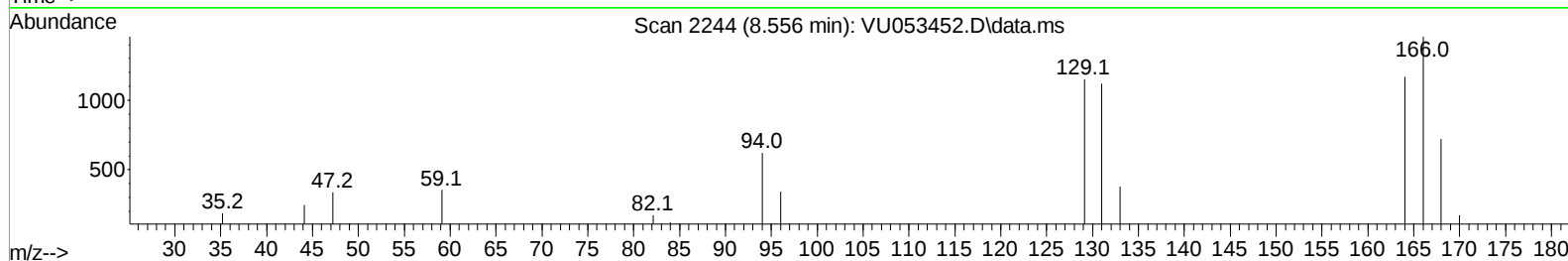
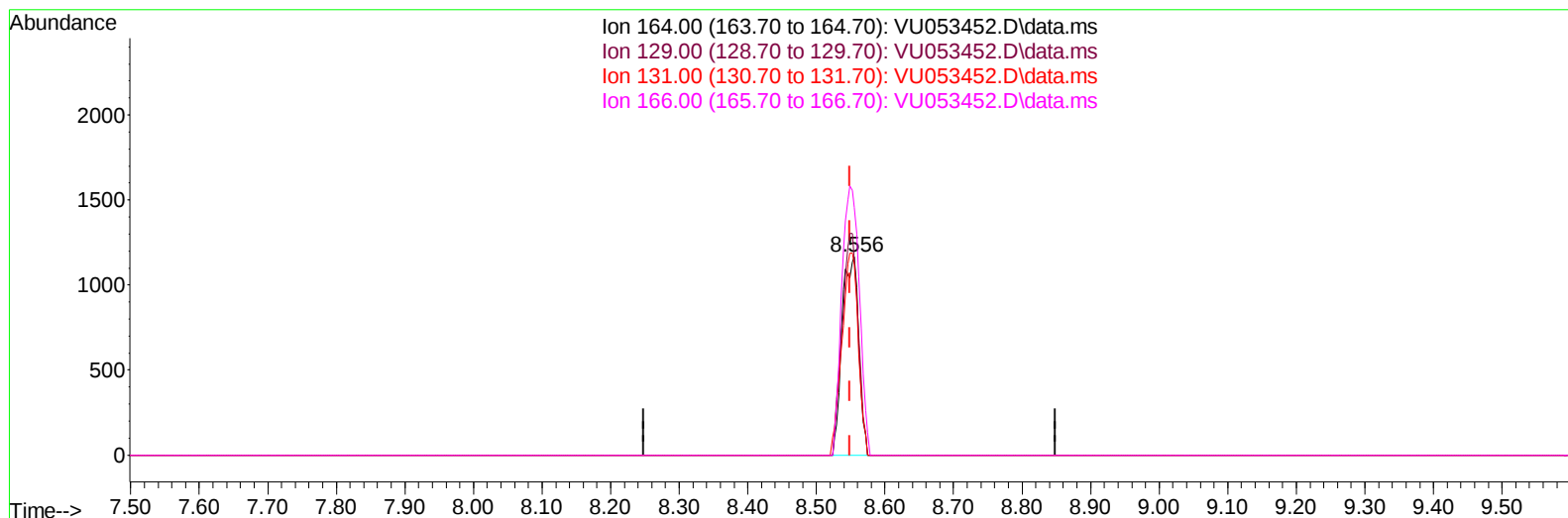
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TIC: VU053452.D\data.ms

(46) Tetrachloroethene (T)

8.556min (+ 0.007) 1.71 ug/L m

response 1951

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	105.20	98.63
131.00	100.50	96.06
166.00	127.00	124.85

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	203019	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	194045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	92349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	80308	42.878	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	85.760%	
7) Chloroethane-d5	1.913	69	66056	43.601	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.565	63	102837	31.695	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	63.400%	
21) 2-Butanone-d5	4.623	46	106195	122.247	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	122.250%	
24) Chloroform-d	5.057	84	134187	43.498	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.697	65	92999	48.542	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.080%	
32) Benzene-d6	5.723	84	279133	44.350	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.700%	
36) 1,2-Dichloropropane-d6	6.684	67	95102	46.818	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	93.640%	
41) Toluene-d8	7.893	98	254188	43.378	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	86.760%	
43) trans-1,3-Dichloroprop...	8.176	79	42052	41.958	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.920%	
47) 2-Hexanone-d5	8.626	63	60553	95.349	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	95.350%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	127066	48.288	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	96.580%	
66) 1,2-Dichlorobenzene-d4	12.189	152	94689	52.954	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.900%	
Target Compounds					Qvalue	
13) Acetone	2.636	43	14816	14.975	ug/L	87
17) trans-1,2-Dichloroethene	3.353	96	1780m	1.177	ug/L	
19) 1,1-Dichloroethane	3.864	63	191975	62.168	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	128012	72.045	ug/L	100
22) 2-Butanone	4.716	43	7190m	6.379	ug/L	
30) 1,1,1-Trichloroethane	5.311	97	89035	33.662	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	6250	3.240	ug/L #	71
42) Toluene	7.964	91	120461	16.656	ug/L	98
46) Tetrachloroethene	8.556	164	1951m	1.710	ug/L	
52) Ethylbenzene	9.565	91	18027	2.198	ug/L	99
53) m,p-Xylene	9.687	106	37151	12.136	ug/L	98
54) o-Xylene	10.096	106	21391	7.065	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	15108	2.501	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	37241	6.326	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	10044	3.284	ug/L	98

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

Instrument :

MSVOA_U

ClientSampleId :

E45E4DL

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