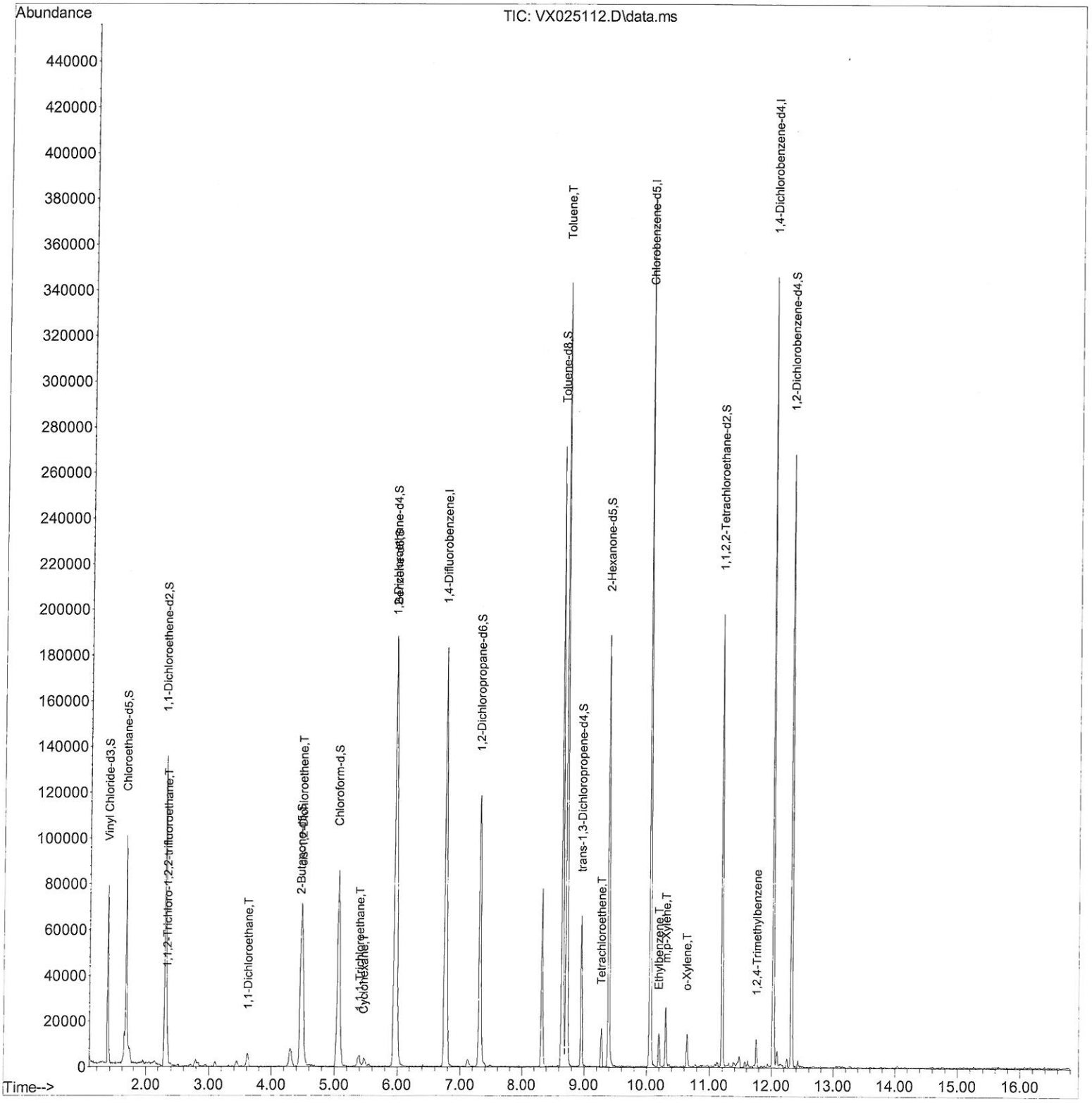
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GB7K9ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
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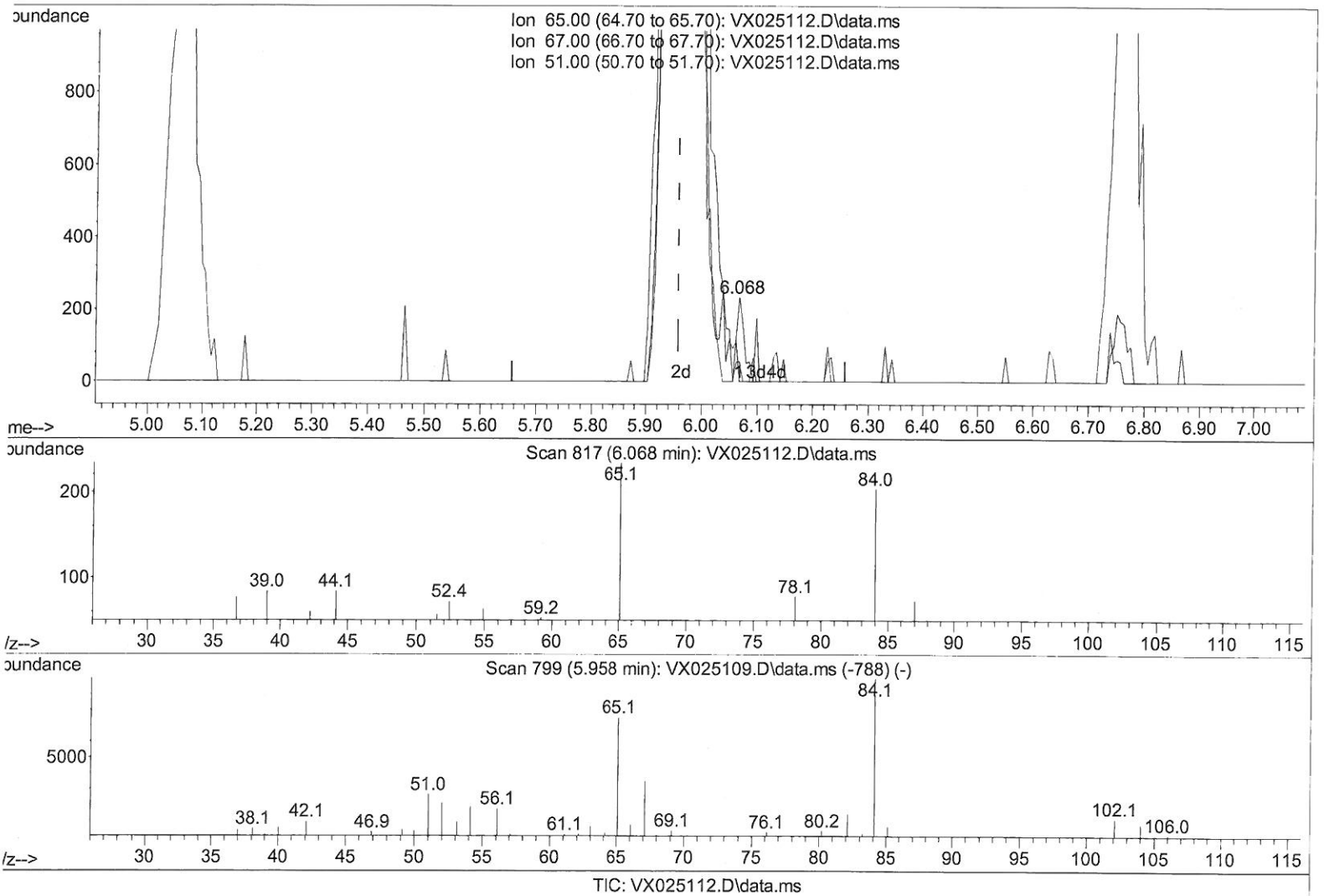

TIC: VX025112.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

6.068min (+ 0.110) 0.12 ug/L

response 225

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.10	52.00
51.00	21.90	18.22
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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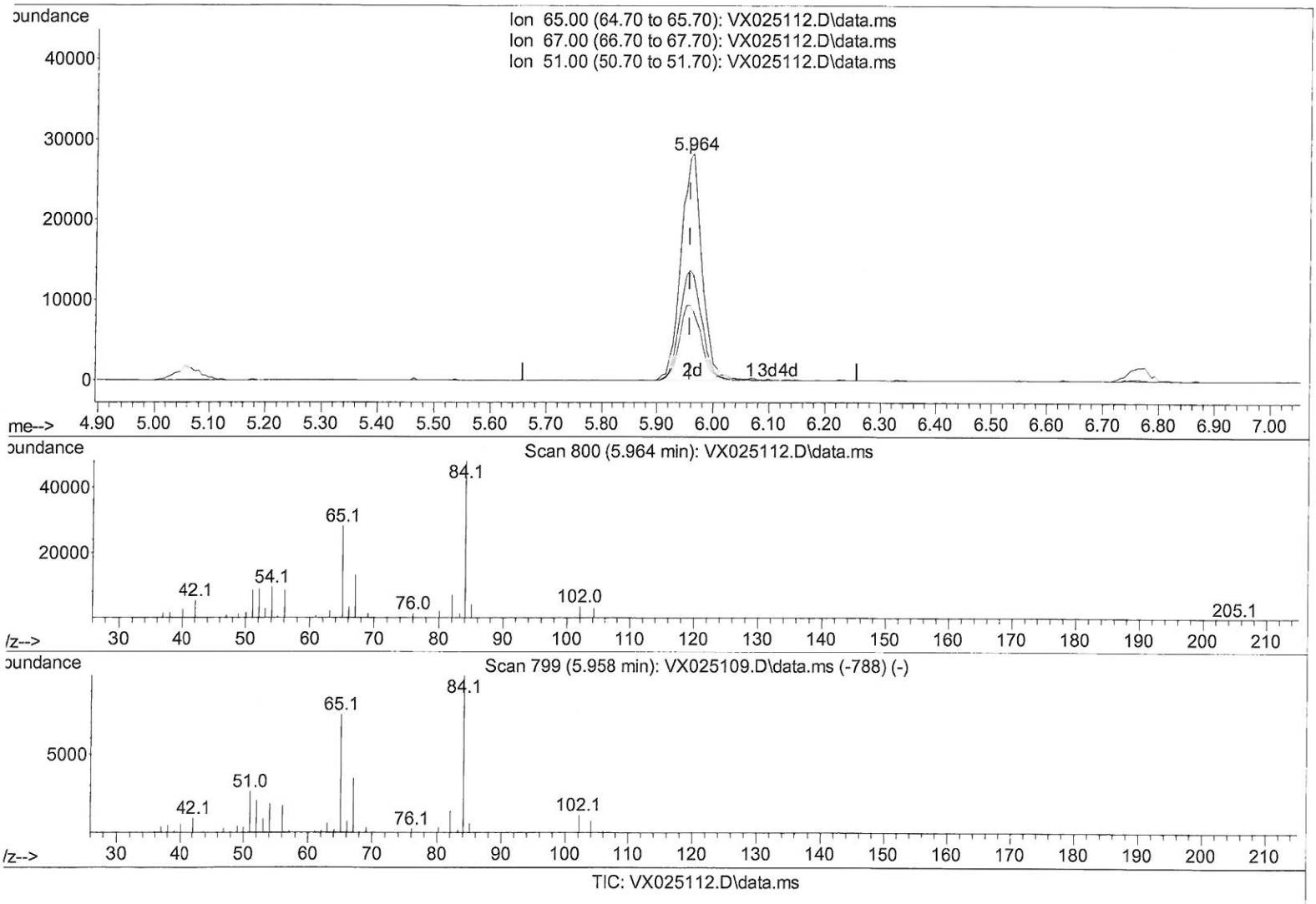

(26) 1,2-Dichloroethane-d4 (S)

5.964min (+ 0.006) 39.56 ug/L m 7MD 11/10/21

response 73226

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.10	0.16#
51.00	21.90	0.06#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
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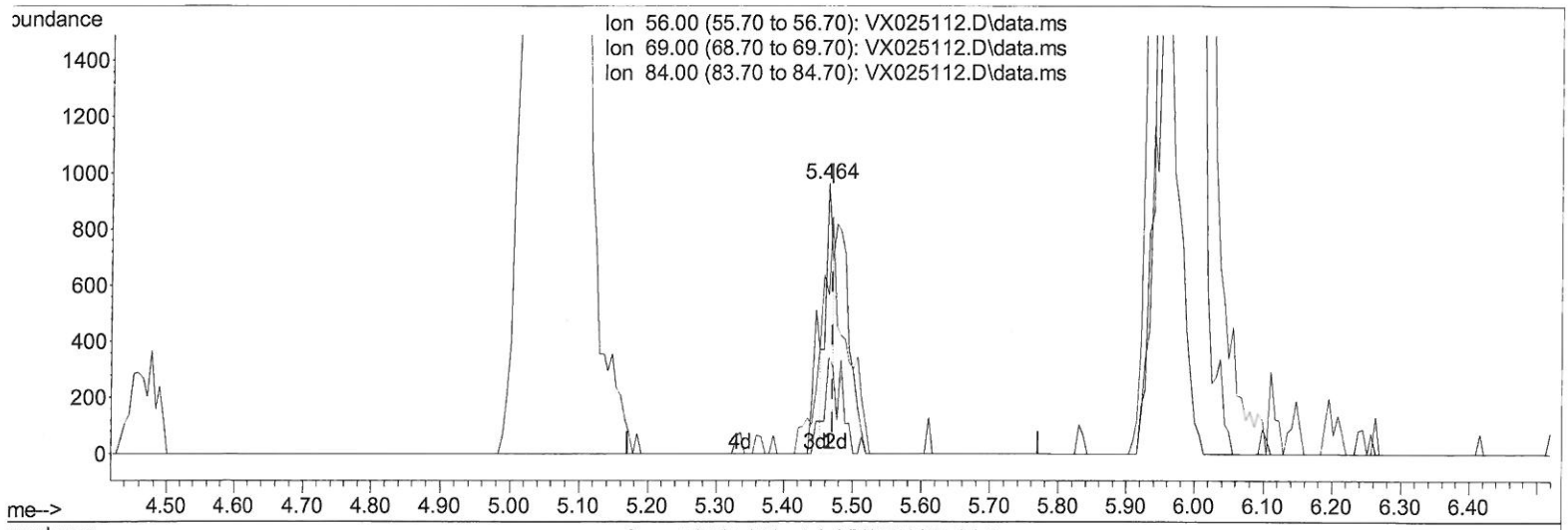

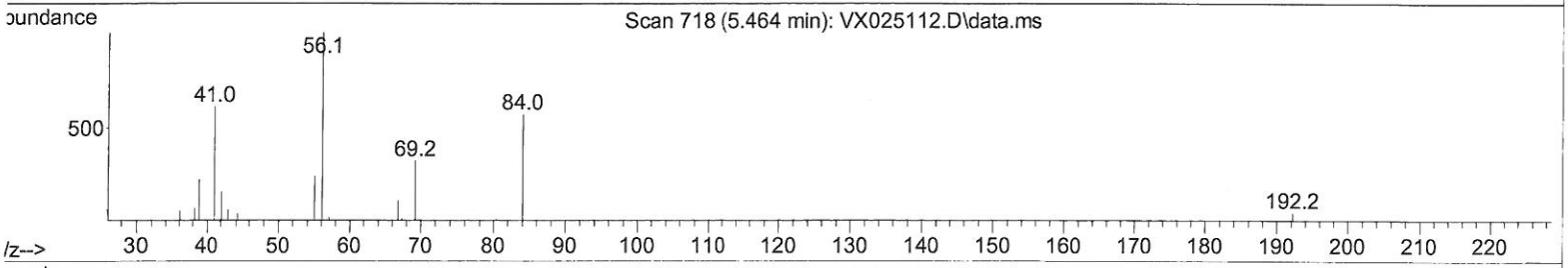

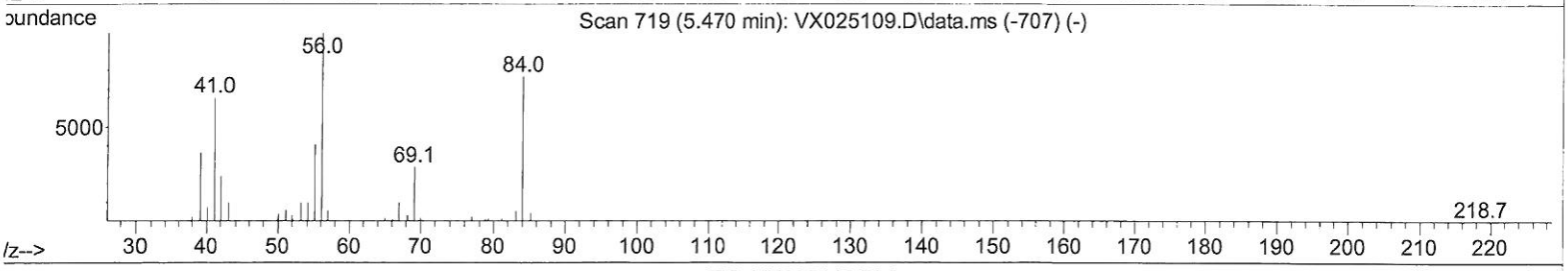

TIC: VX025112.D\data.ms

(29) Cyclohexane (T)

5.464min (-0.006) 0.34 ug/L

response 741

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	38.50	38.19
84.00	108.50	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
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Instrument :
MSVOA_X
ClientSampleId :
GB7K9ME

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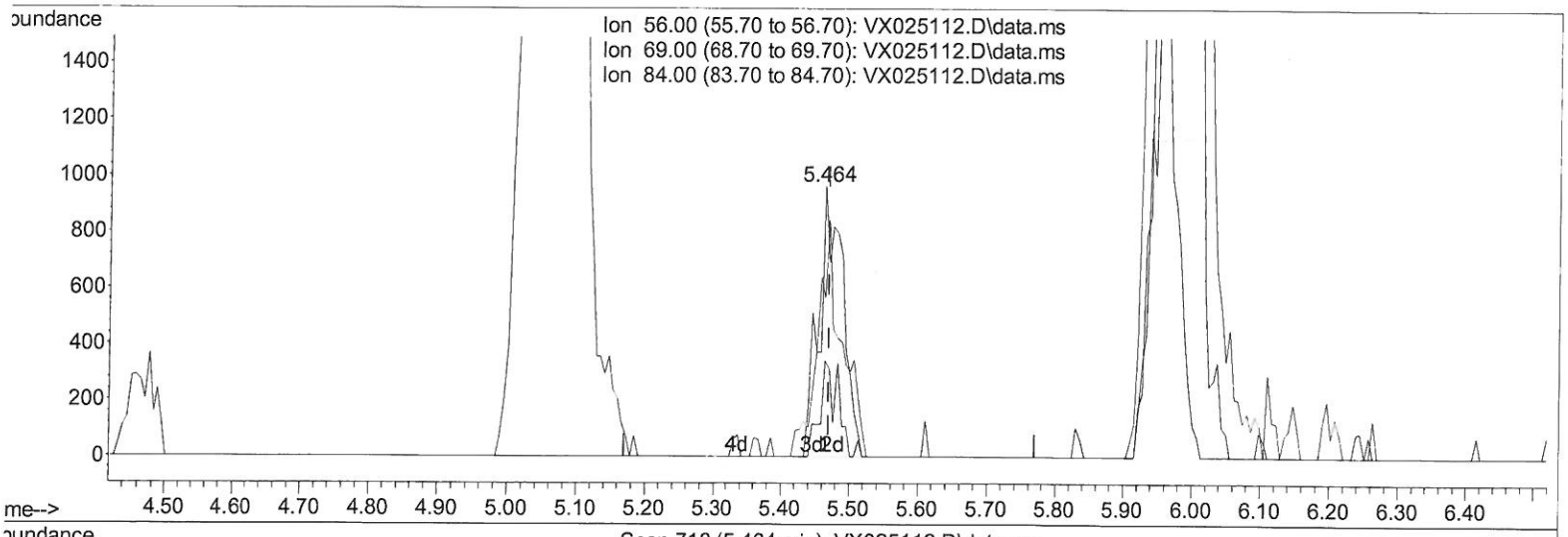

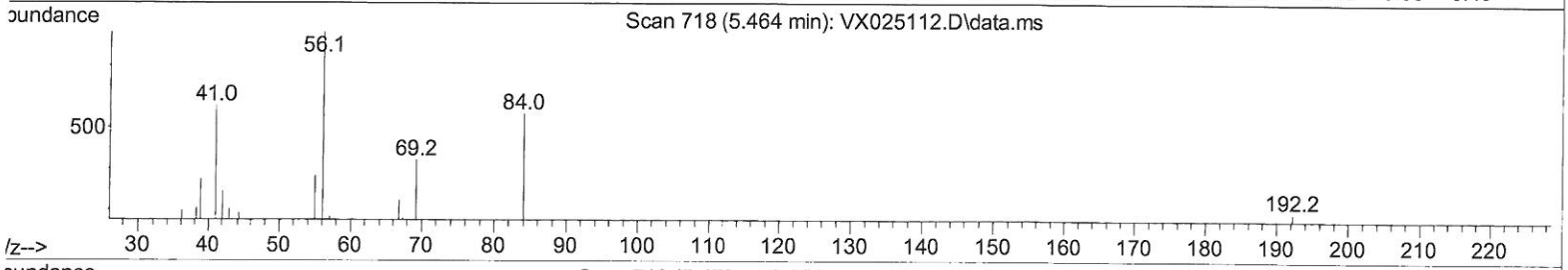

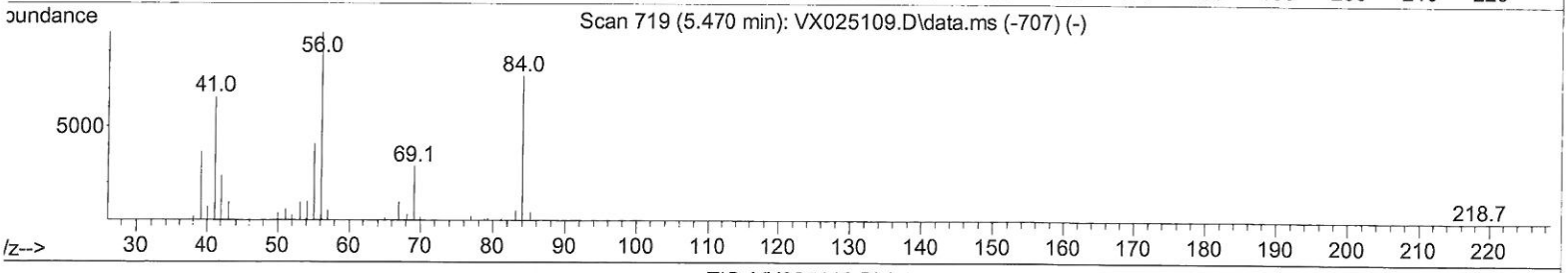

TIC: VX025112.D\data.ms

(29) Cyclohexane (T)

5.464min (-0.006) 1.07 ug/L m

response 2307

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	38.50	12.27#
84.00	108.50	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
GB7K9ME

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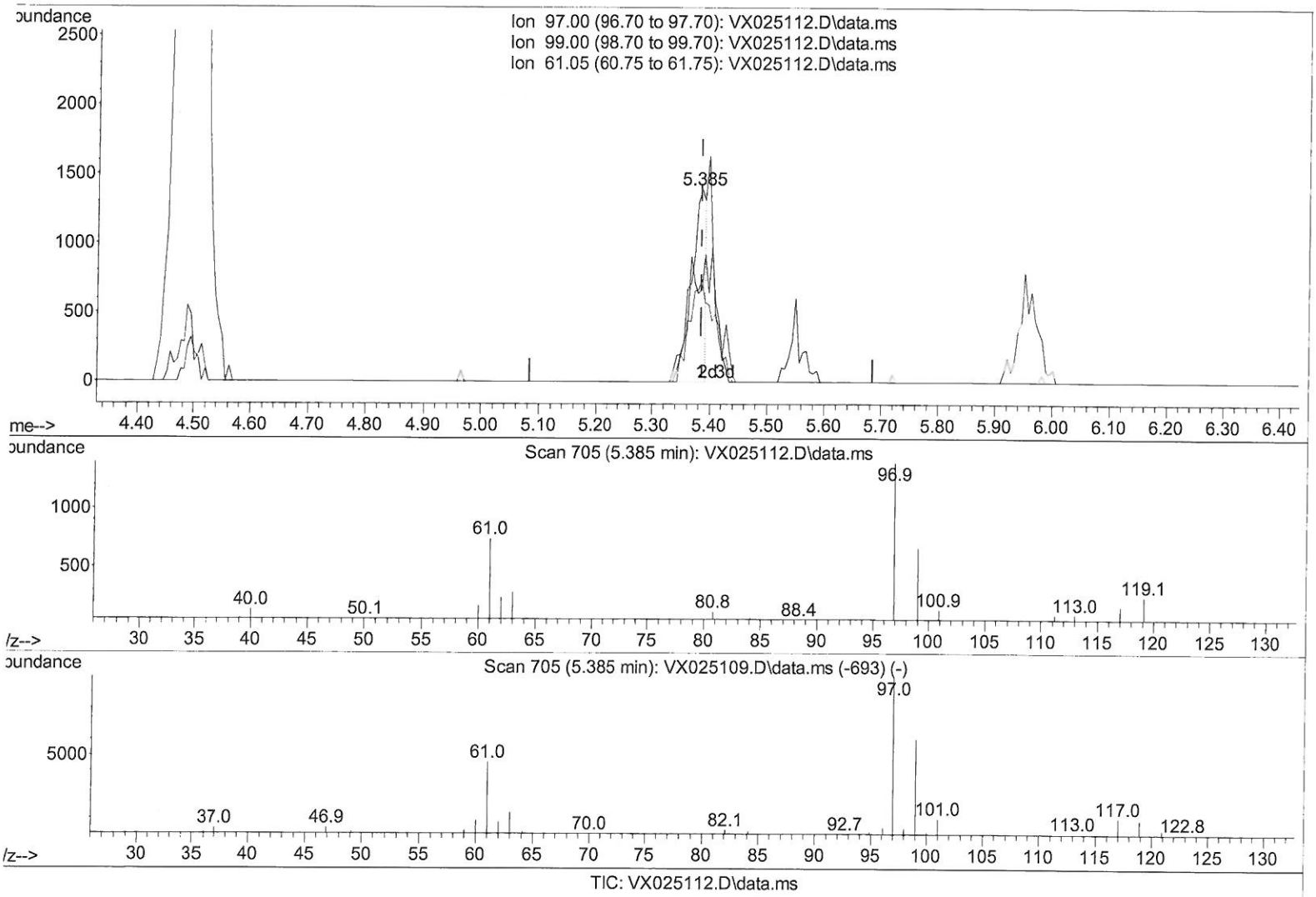

(30) 1,1,1-Trichloroethane (T)

5.385min (+ 0.000) 1.01 ug/L

response 2580

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	66.40	45.31#
61.05	32.90	85.47#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
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Instrument :
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ClientSampleId :
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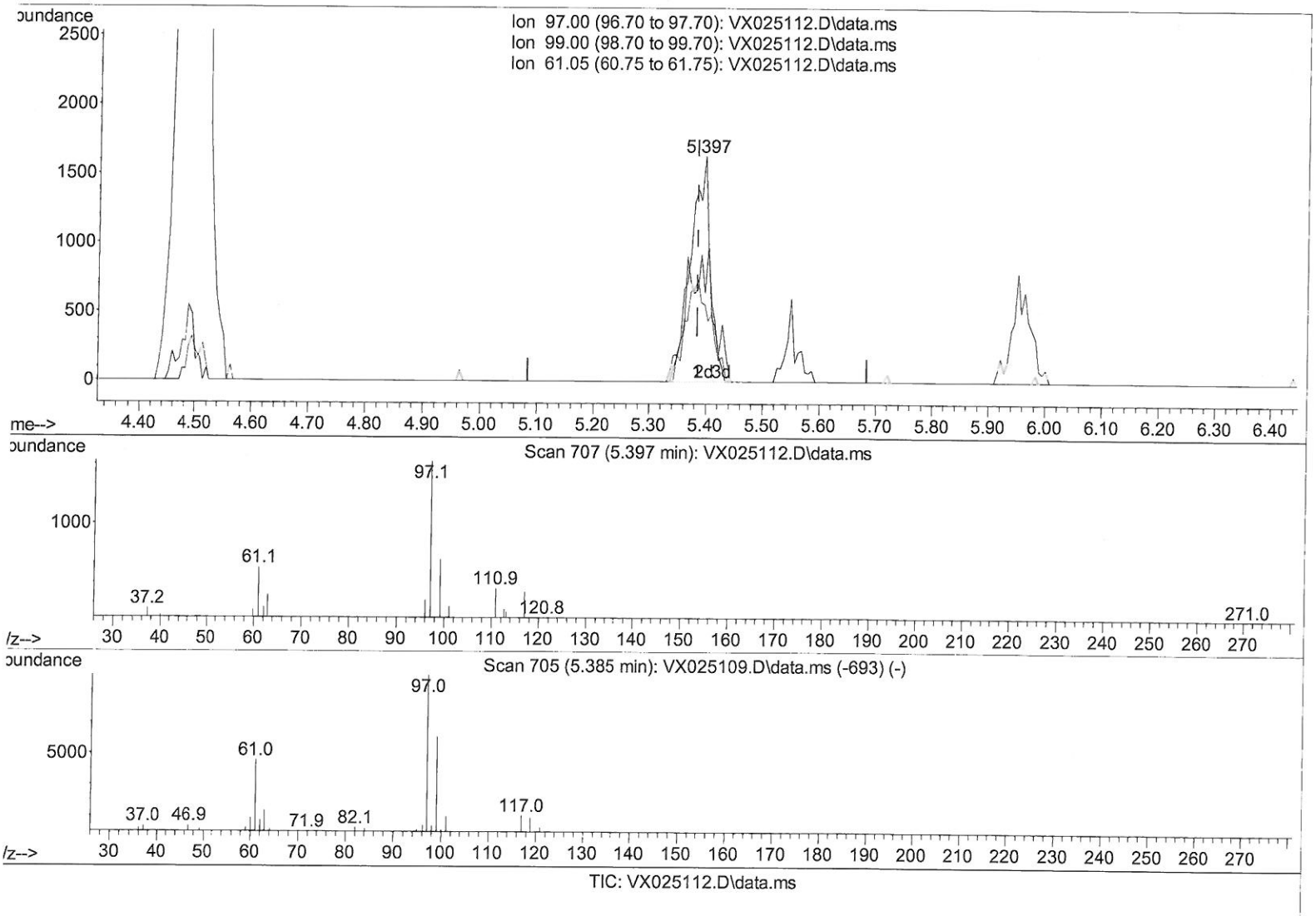

(30) 1,1,1-Trichloroethane (T)

5.397min (+ 0.012) 1.64 ug/L m 9 MD 11/10/21

response 4190

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	66.40	27.90#
61.05	32.90	52.63#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
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Instrument :
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ClientSampleId :
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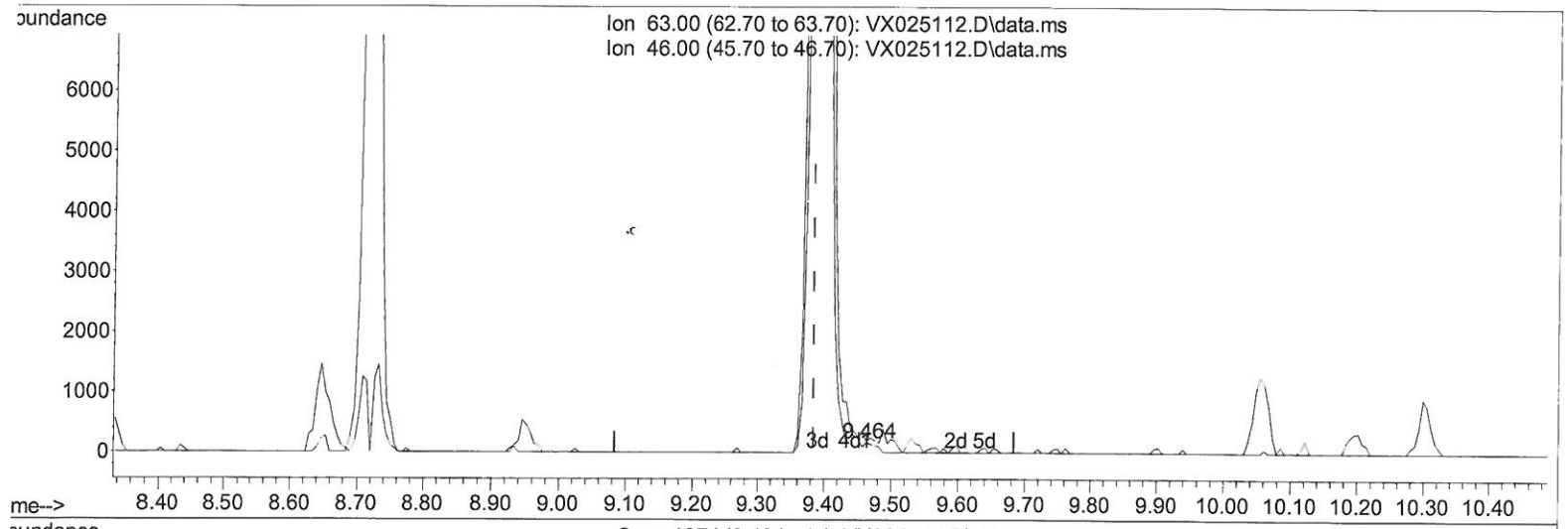

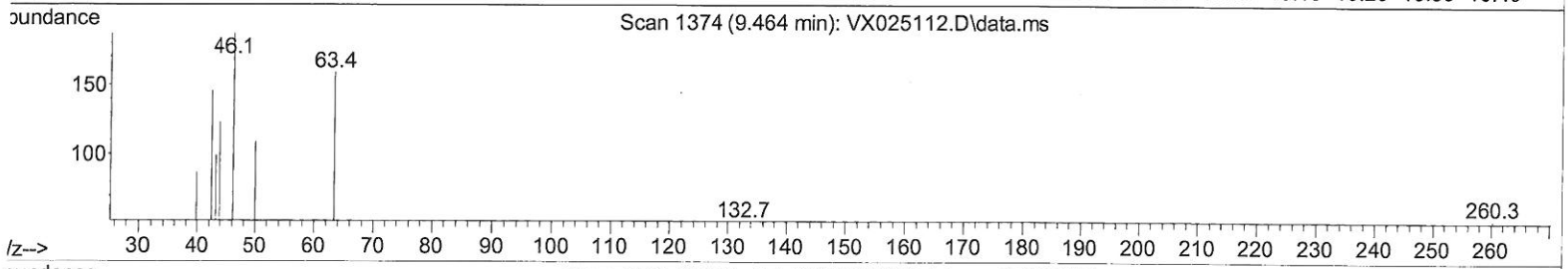

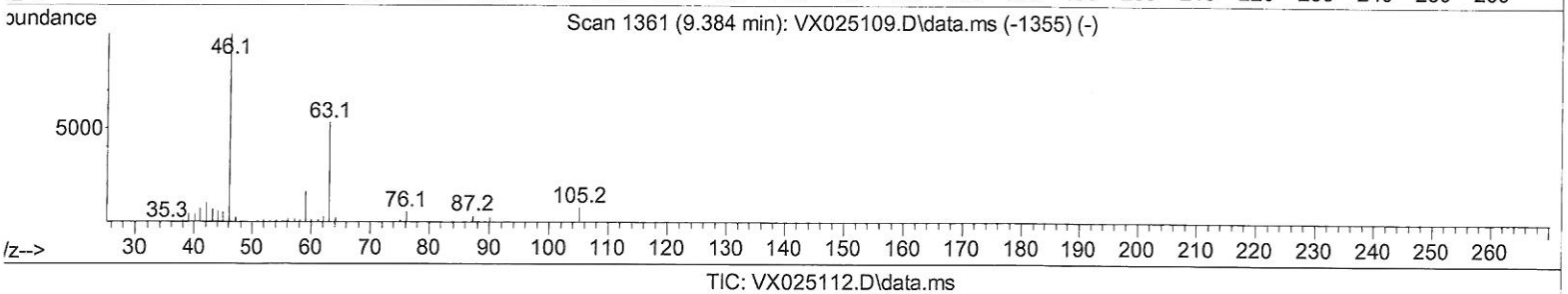

TIC: VX025112.D\data.ms

(47) 2-Hexanone-d5 (S)

9.464min (+ 0.079) 0.28 ug/L

response 178

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	108.99
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
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Instrument :
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ClientSampleId :
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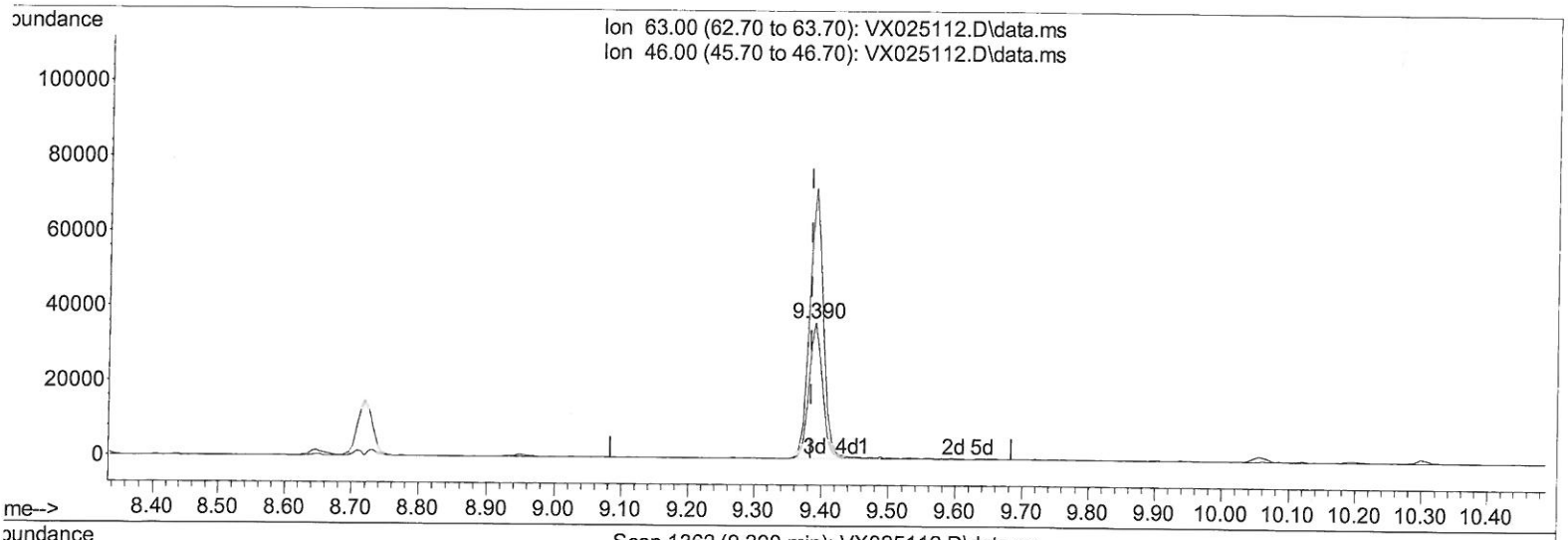

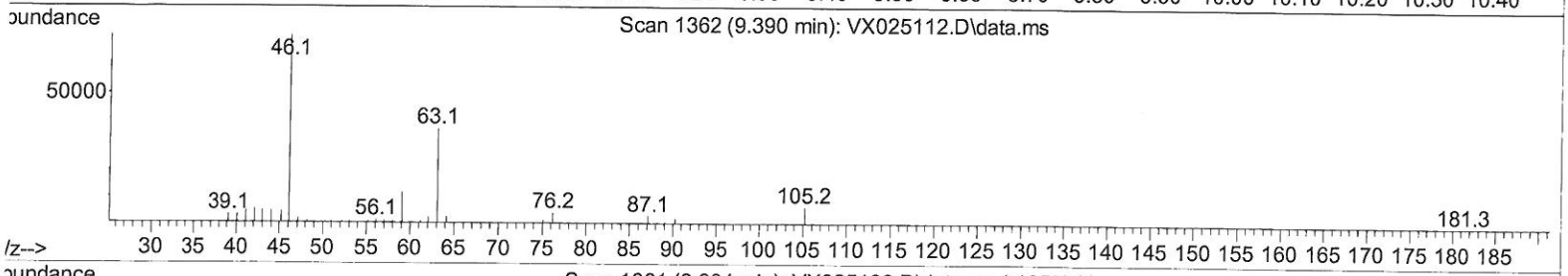

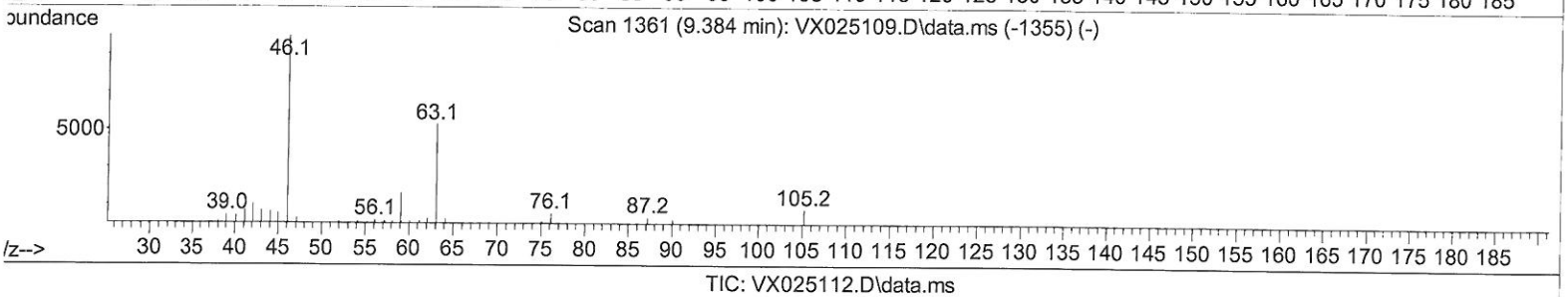

TIC: VX025112.D\data.ms

(47) 2-Hexanone-d5 (S)

9.390min (+ 0.006) 81.57 ug/L m

response 51538

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	0.38#
0.00	0.00	0.00
0.00	0.00	0.00

11/10/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 10 02:51:26 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159181	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	140980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57049	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48127	33.436	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 66.880%			
7) Chloroethane-d5	1.666	69	56688	62.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 125.640%			
11) 1,1-Dichloroethene-d2	2.306	63	76267	27.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.020%#			
21) 2-Butanone-d5	4.465	46	77234	78.076	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.080%			
24) Chloroform-d	5.062	84	95316	33.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 67.360%#			
26) 1,2-Dichloroethane-d4	5.964	65	73226m	39.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.120%			
32) Benzene-d6	5.976	84	164886	32.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.700%#			
36) 1,2-Dichloropropane-d6	7.312	67	54156	36.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 73.220%			
41) Toluene-d8	8.653	98	147486	34.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 69.900%#			
43) trans-1,3-Dichloroprop...	8.952	79	26541	33.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.240%			
47) 2-Hexanone-d5	9.390	63	51538m	81.573	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 81.570%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	68397	33.407	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 66.820%			
66) 1,2-Dichlorobenzene-d4	12.323	152	42921	38.384	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.760%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4376	3.387	ug/L #	86
19) 1,1-Dichloroethane	3.617	63	5446	2.261	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	22938	17.169	ug/L	74
29) Cyclohexane	5.464	56	2307m	1.069	ug/L	
30) 1,1,1-Trichloroethane	5.397	97	4190m	1.641	ug/L	
42) Toluene	8.720	91	200312	39.664	ug/L	98
46) Tetrachloroethene	9.275	164	2627	3.511	ug/L #	64
52) Ethylbenzene	10.195	91	8066	1.486	ug/L	95
53) m,p-Xylene	10.305	106	5425	2.747	ug/L	66
54) o-Xylene	10.640	106	2582	1.382	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	4919	1.273	ug/L	99

MD 11/10/21

MD 11/10/21

MD 11/10/21

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