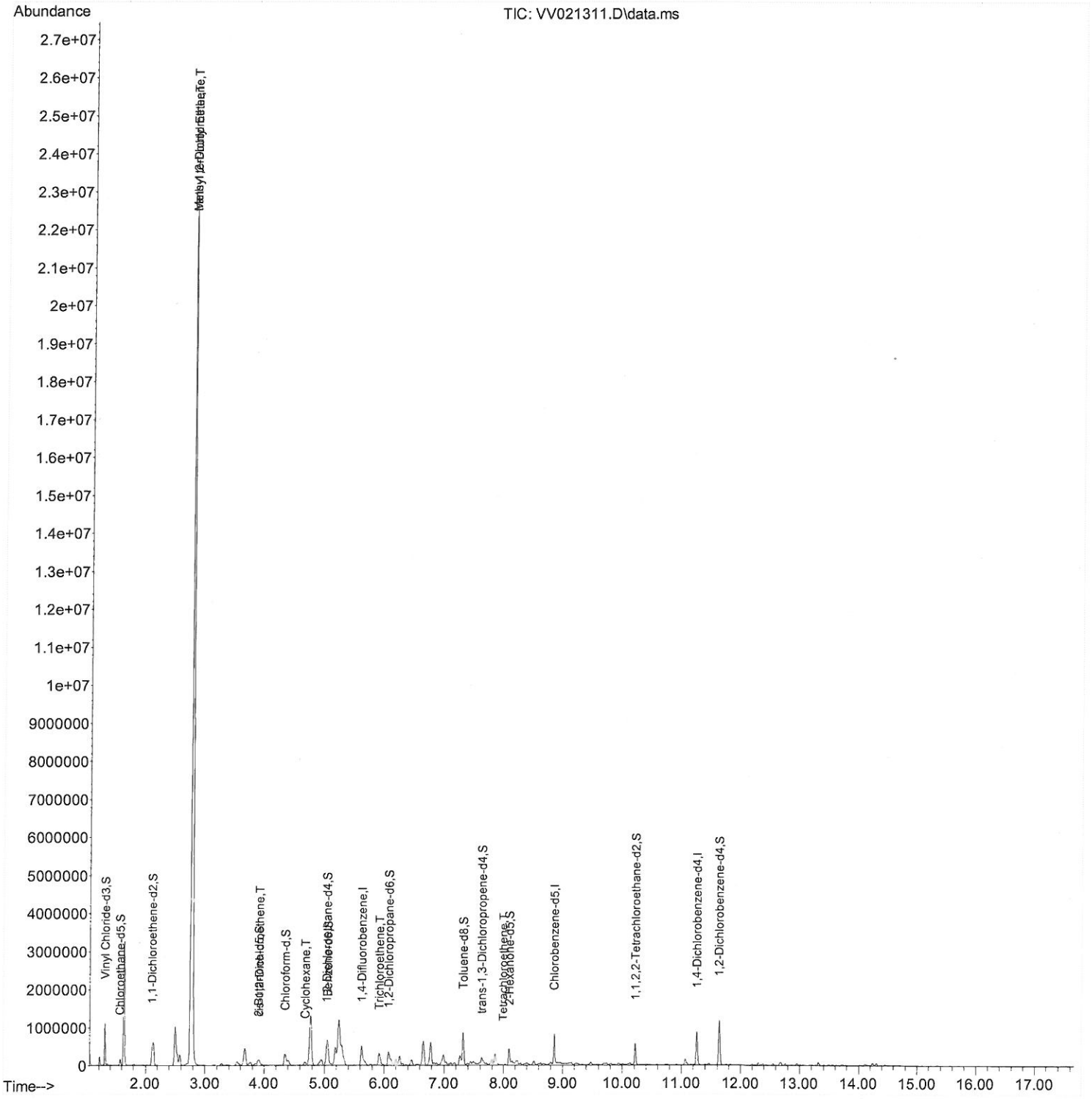
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021311.D
Acq On : 06 May 2021 16:49
Operator : SY/MD
Sample : M2320-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 07 03:58:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 07 03:56:18 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
F3A00

Manual Integrations APPROVED
MMDadoda
5/11/2021 1:12:15 PM



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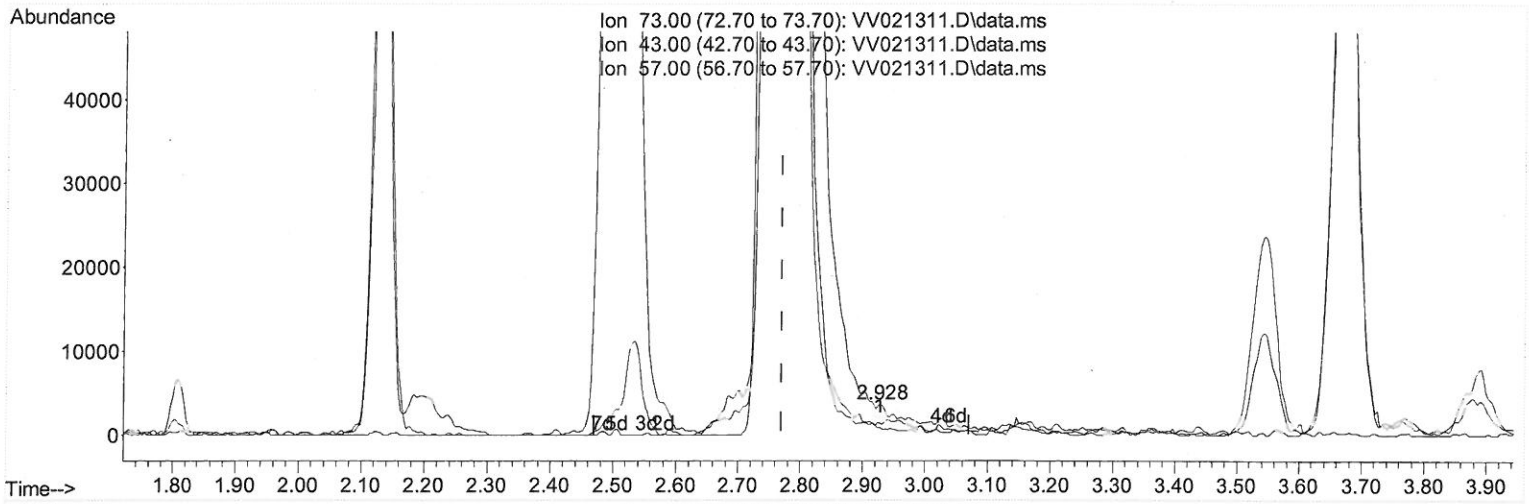

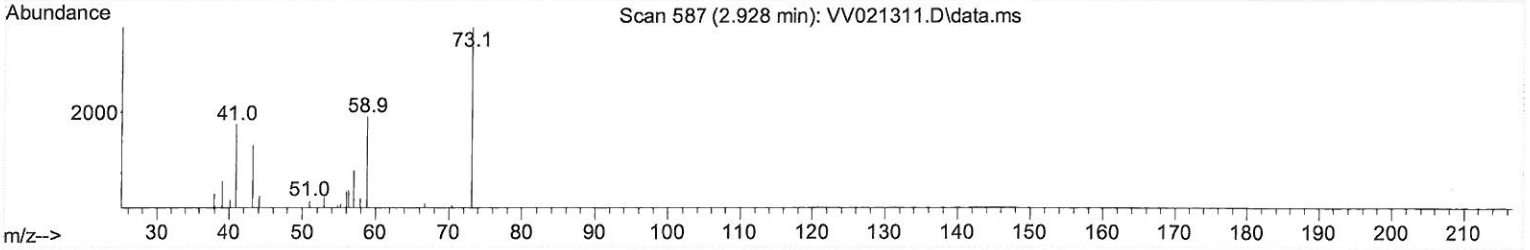

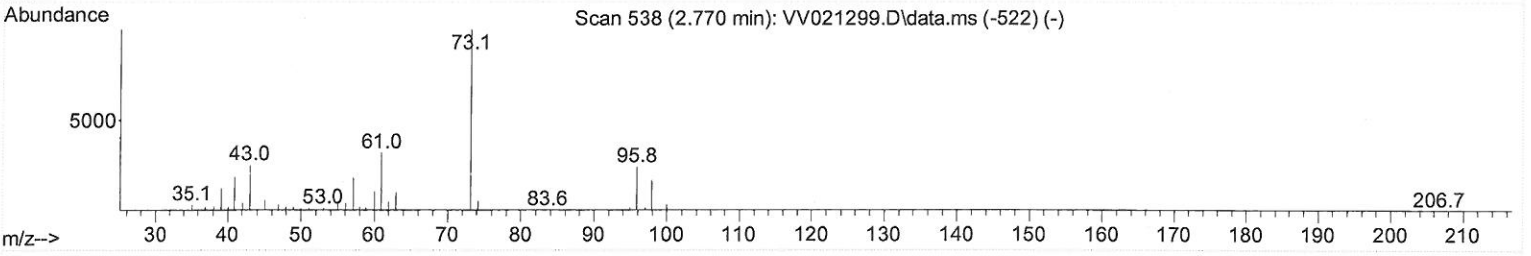

TIC: VV021311.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.928min (+ 0.158) 0.12 ug/L

response 1156

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	18.40	10.12#
57.00	19.90	0.00#
0.00	0.00	0.00

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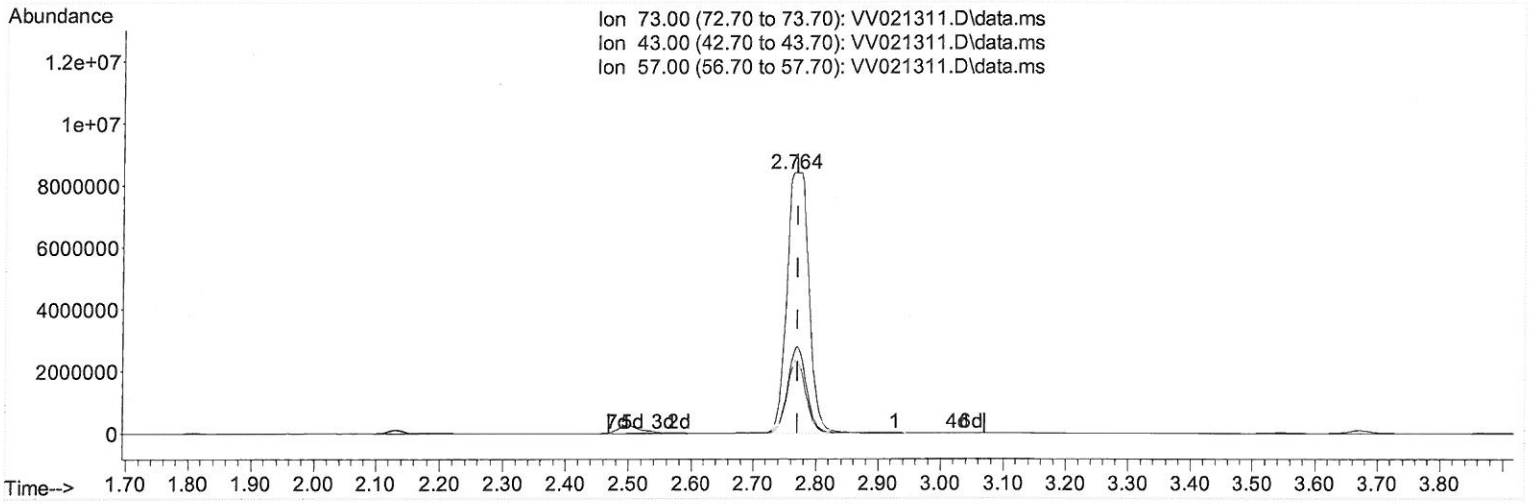

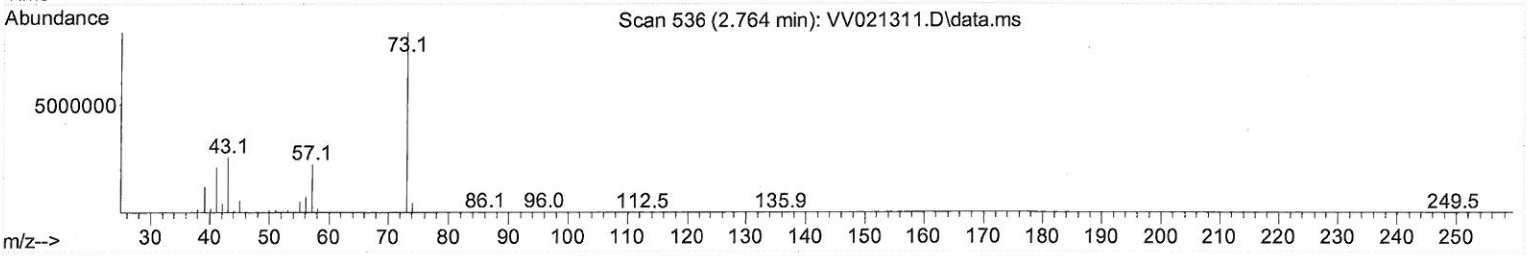

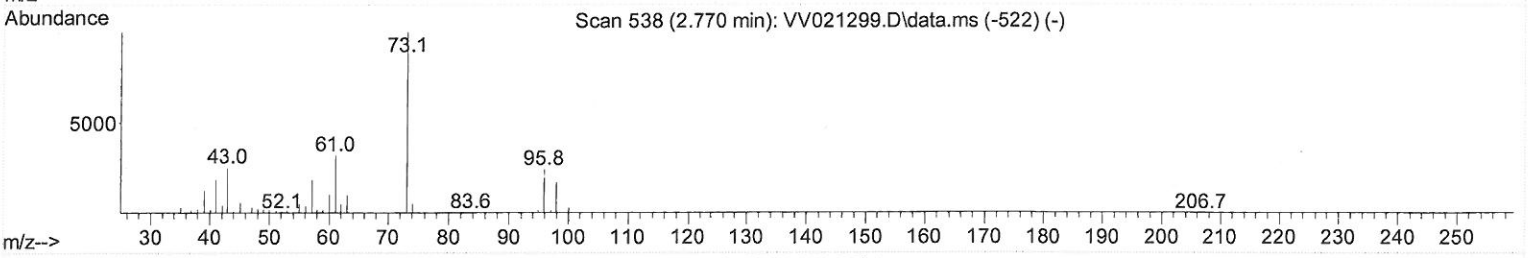

TIC: VV021311.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.764min (-0.006) 2134.79 ug/L m

response 20588560

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	18.40	0.00#
57.00	19.90	0.00#
0.00	0.00	0.00

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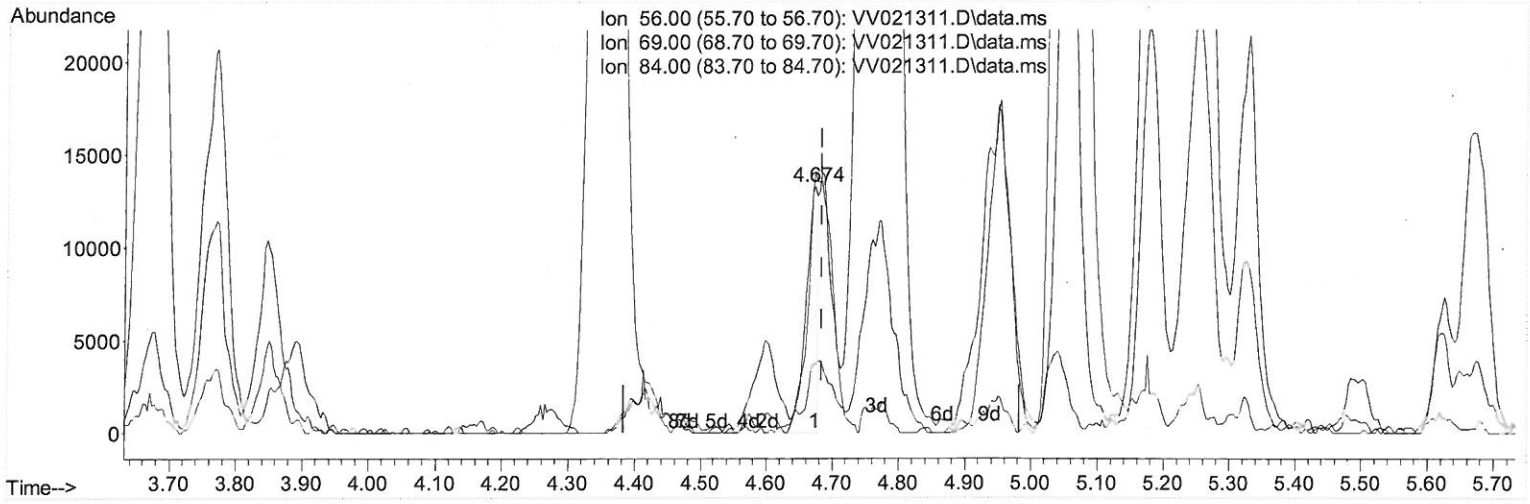

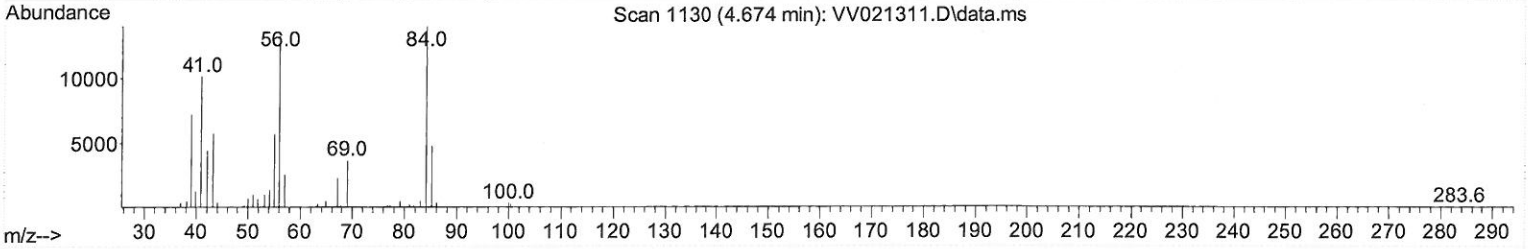

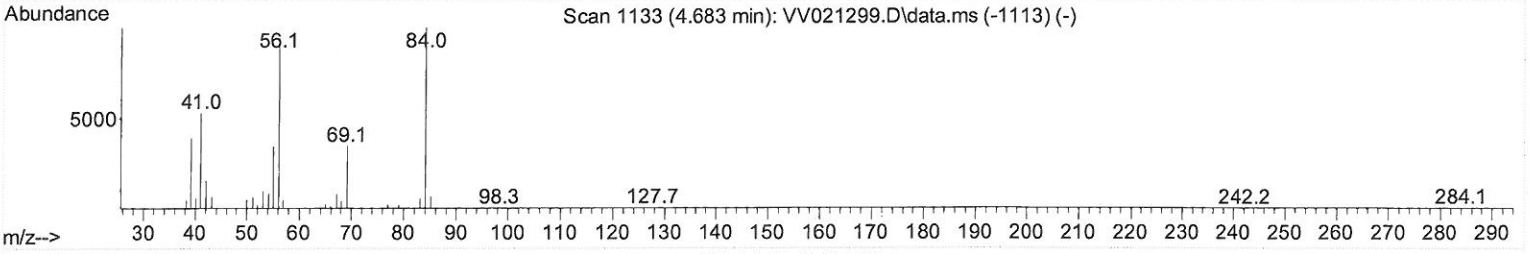

TIC: VV021311.D\data.ms

(29) Cyclohexane (T)

4.674min (-0.010) 4.59 ug/L

response 16445

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	32.10	37.24
84.00	94.60	111.49
0.00	0.00	0.00

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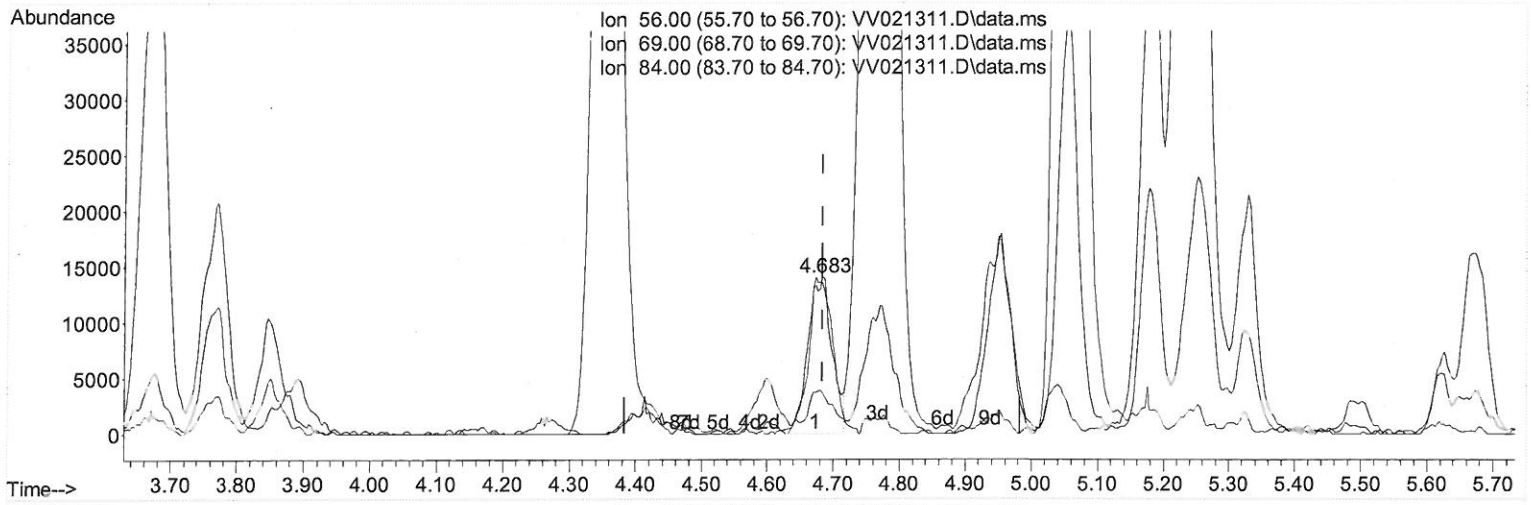

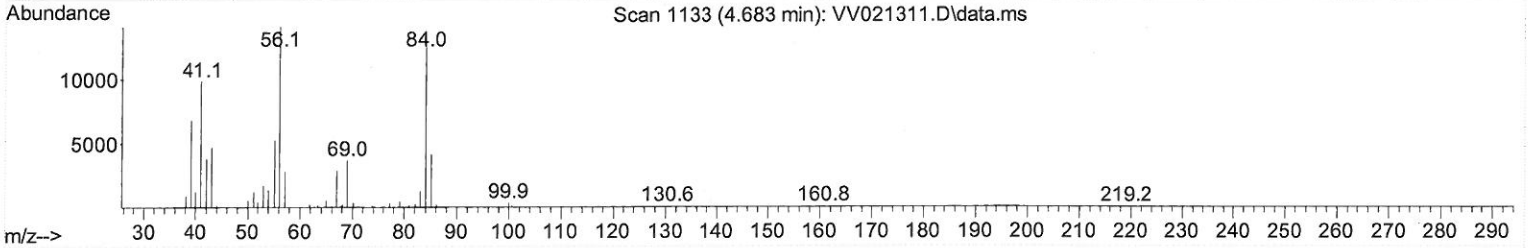

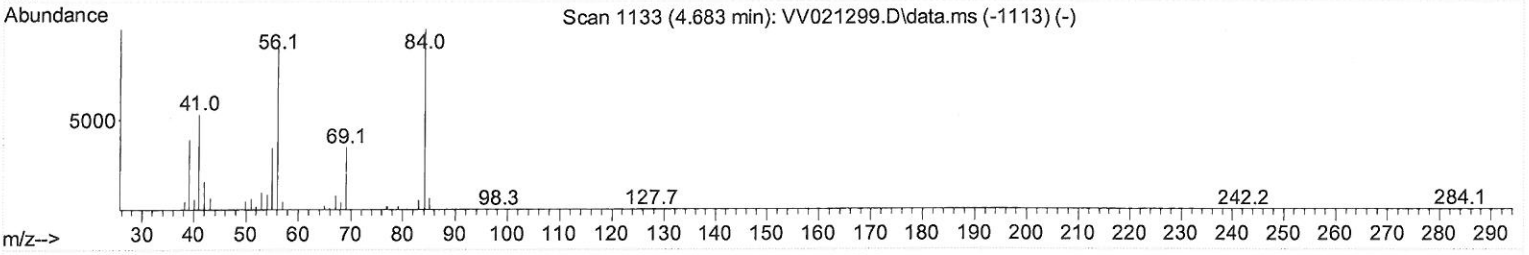

TIC: VV021311.D\data.ms

(29) Cyclohexane (T)

4.683min (-0.000) 9.94 ug/L m

response 35624

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	32.10	17.19#
84.00	94.60	51.47#
0.00	0.00	0.00

5/11/21

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ClientSampleId : F3A00

Manual Integrations APPROVED
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5/11/2021 1:12:15 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	429047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	426519	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	226579	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	117228	61.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.18%			
7) Chloroethane-d5	1.568	69	96113	56.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.02%			
11) 1,1-Dichloroethene-d2	2.108	63	215699	40.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.26%			
21) 2-Butanone-d5	3.902	46	159355	104.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.34%			
24) Chloroform-d	4.352	84	303692	50.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.26%			
26) 1,2-Dichloroethane-d4	5.037	65	243304	53.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.32%			
32) Benzene-d6	5.053	84	530219	53.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.96%			
36) 1,2-Dichloropropane-d6	6.075	67	137240	54.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.78%			
41) Toluene-d8	7.320	98	518043	50.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.78%			
43) trans-1,3-Dichloroprop...	7.625	79	90122	48.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.04%			
47) 2-Hexanone-d5	8.095	63	121822	104.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.55%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	201752	49.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.94%			
66) 1,2-Dichlorobenzene-d4	11.632	152	239567	53.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.30%			
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.764	96	23641	8.79	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	20588560m	2134.79	ug/L	
20) cis-1,2-Dichloroethene	3.915	96	27797	9.40	ug/L	89
29) Cyclohexane	4.683	56	35624m	9.94	ug/L	
34) Trichloroethene	5.918	95	90559	25.79	ug/L	94
46) Tetrachloroethene	7.985	164	2771	0.92	ug/L	84

MD 5/11/21

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