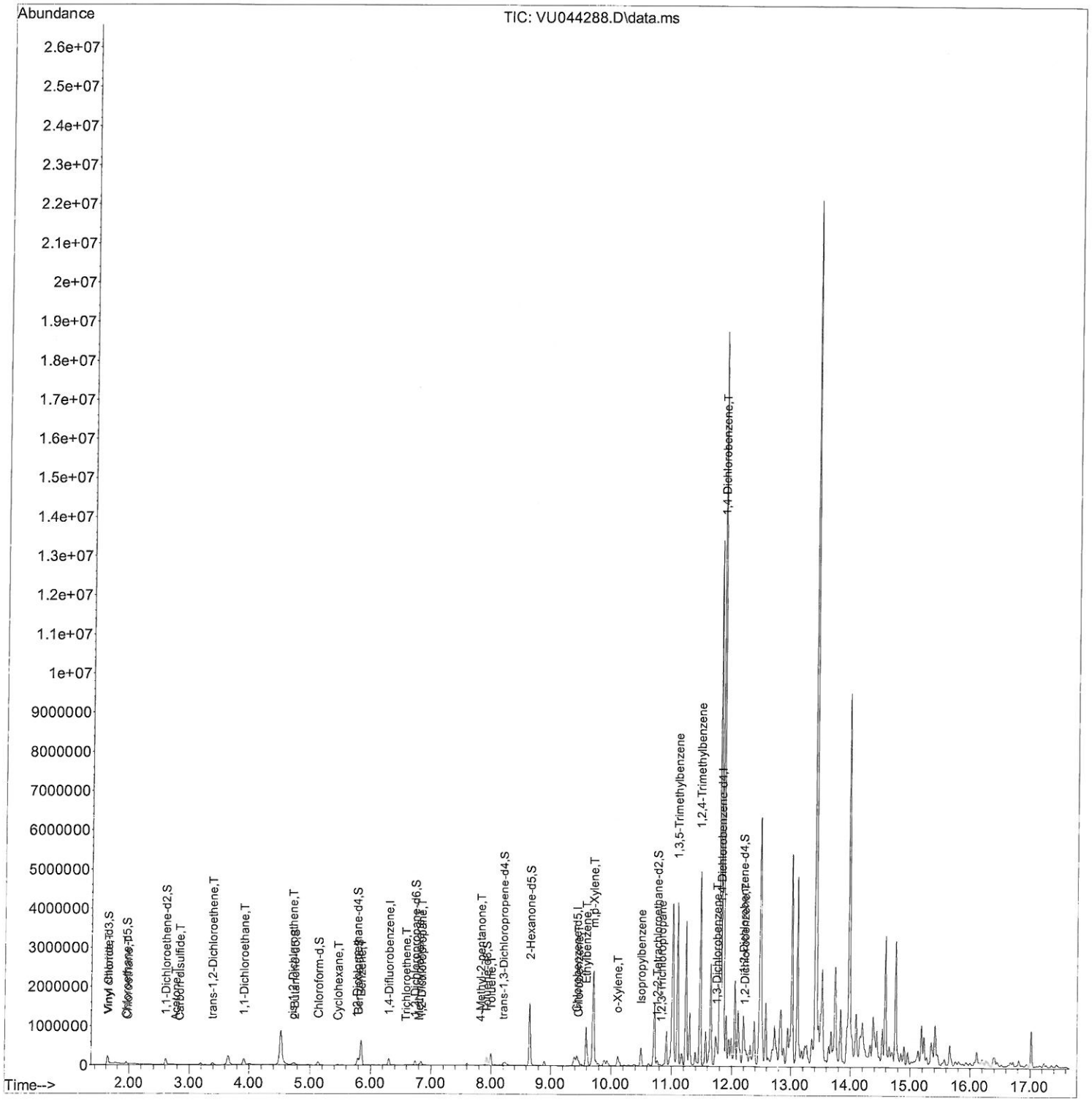
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044288.D
Acq On : 01 Jul 2021 16:02
Operator : SY/MD
Sample : M2905-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 02 01:53:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 02 01:46:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DBK32

Manual Integrations APPROVED
MMDadoda
7/6/2021 6:43:33 PM



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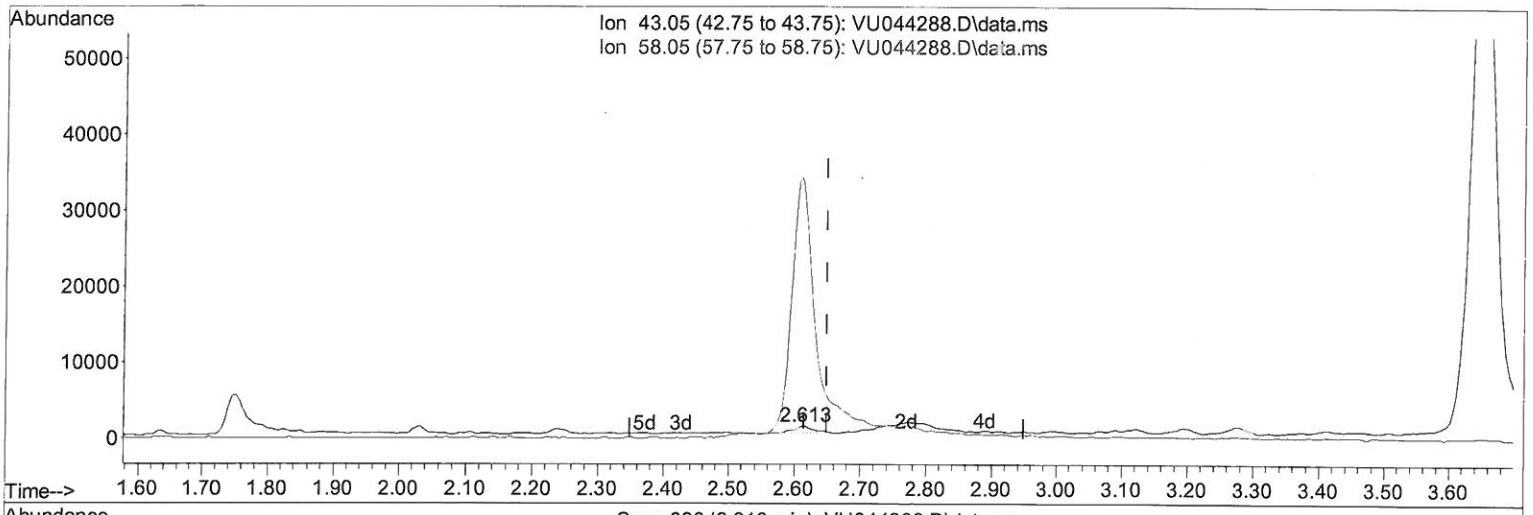

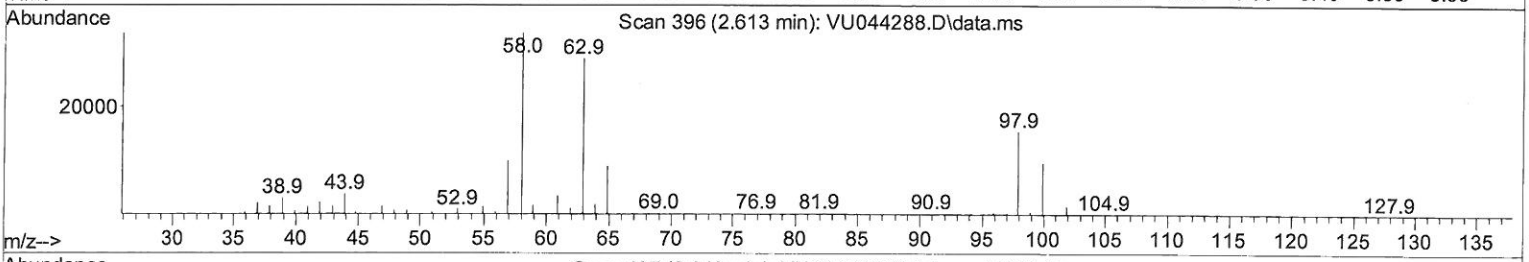

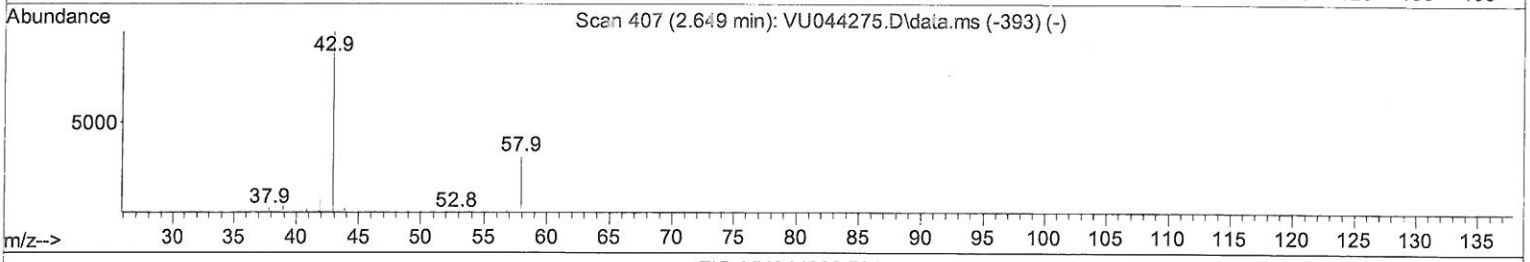

TIC: VU044288.D\data.ms

(13) Acetone (T)

2.613min (-0.036) 1.48 ug/L

response 1759

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	26.90	4963.96#
0.00	0.00	0.00
0.00	0.00	0.00

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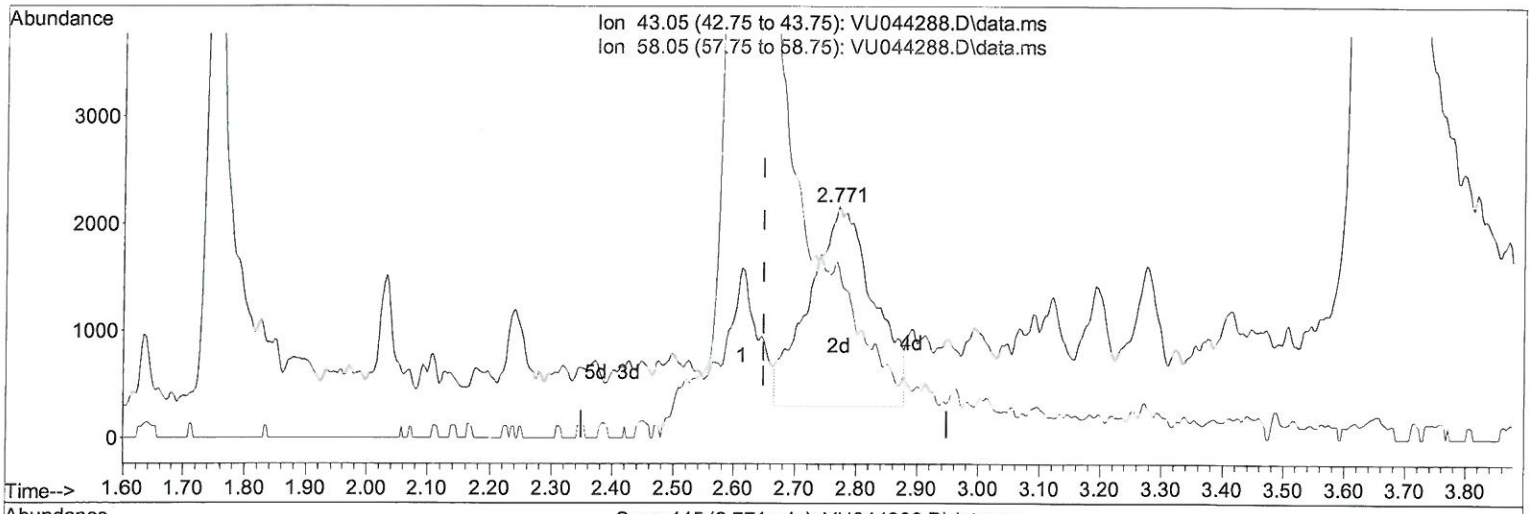

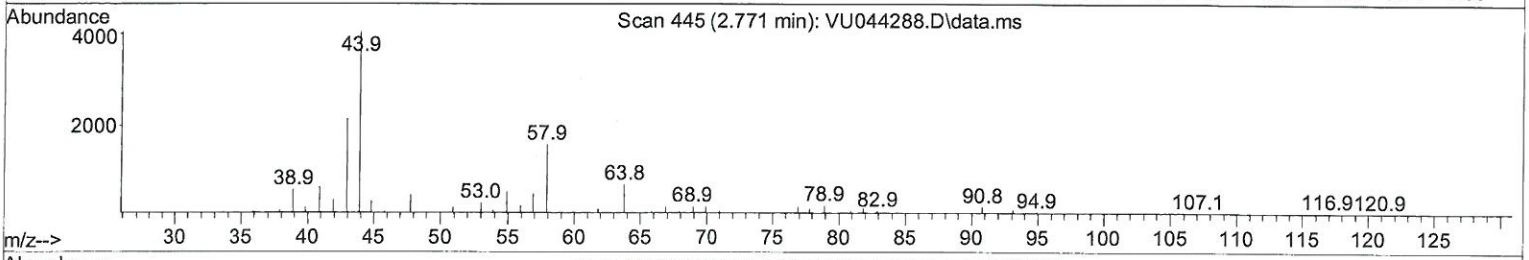

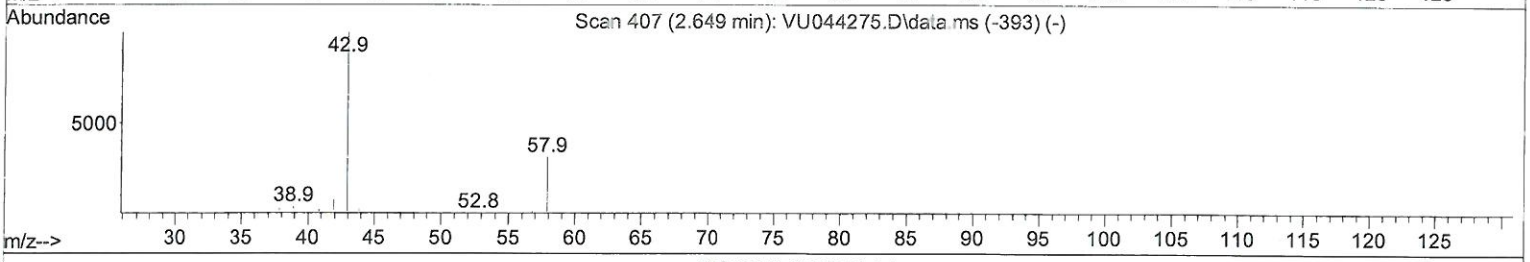

TIC: VU044288.D\data.ms

(13) Acetone (T)

2.771min (+ 0.122) 11.52 ug/L m

response 13654

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	26.90	639.49#
0.00	0.00	0.00
0.00	0.00	0.00

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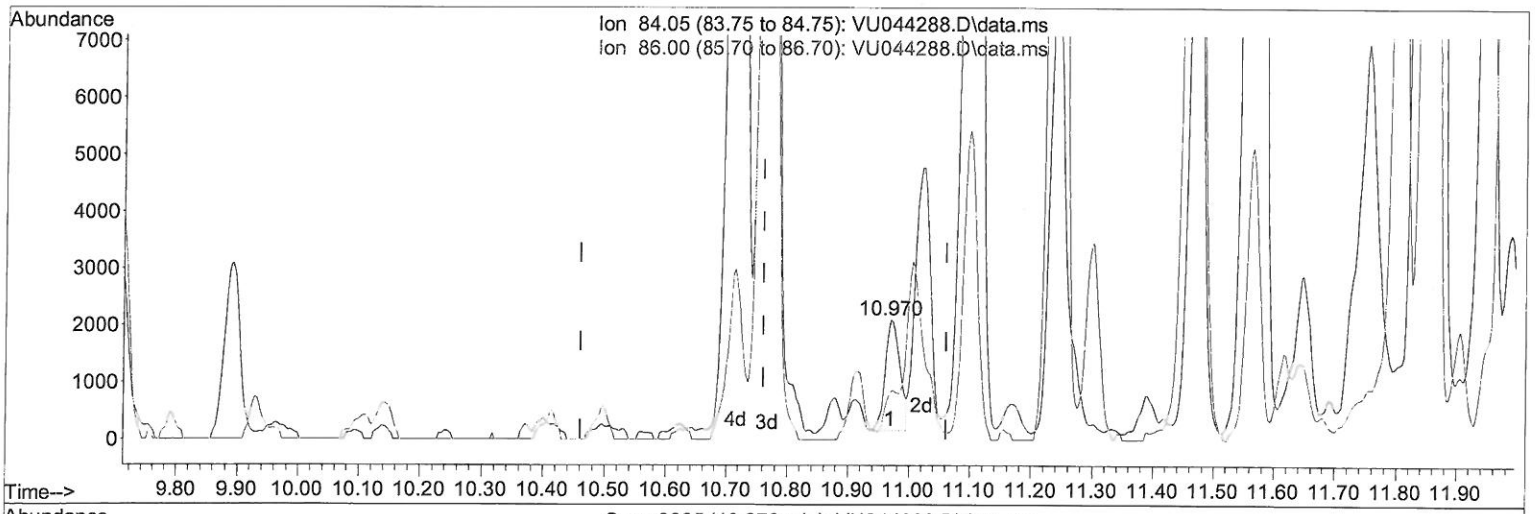

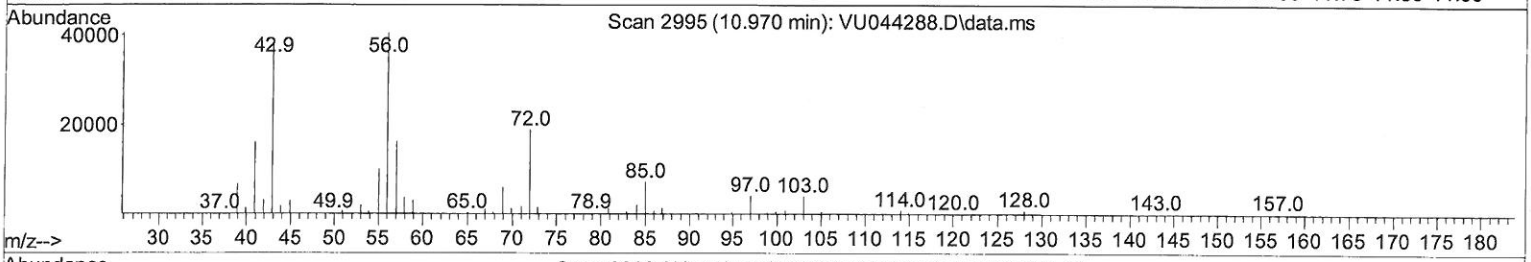

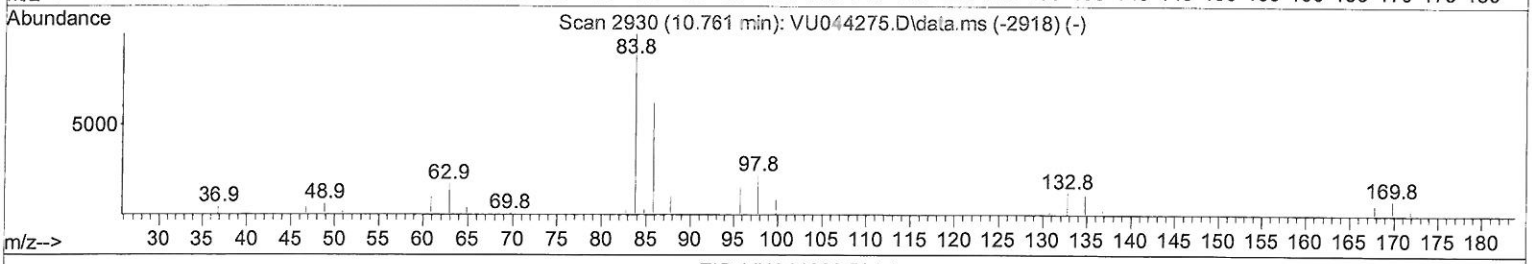

TIC: VU044288.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.970min (+ 0.209) 0.36 ug/L

response 3217

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	62.20	65.81
0.00	0.00	0.00
0.00	0.00	0.00

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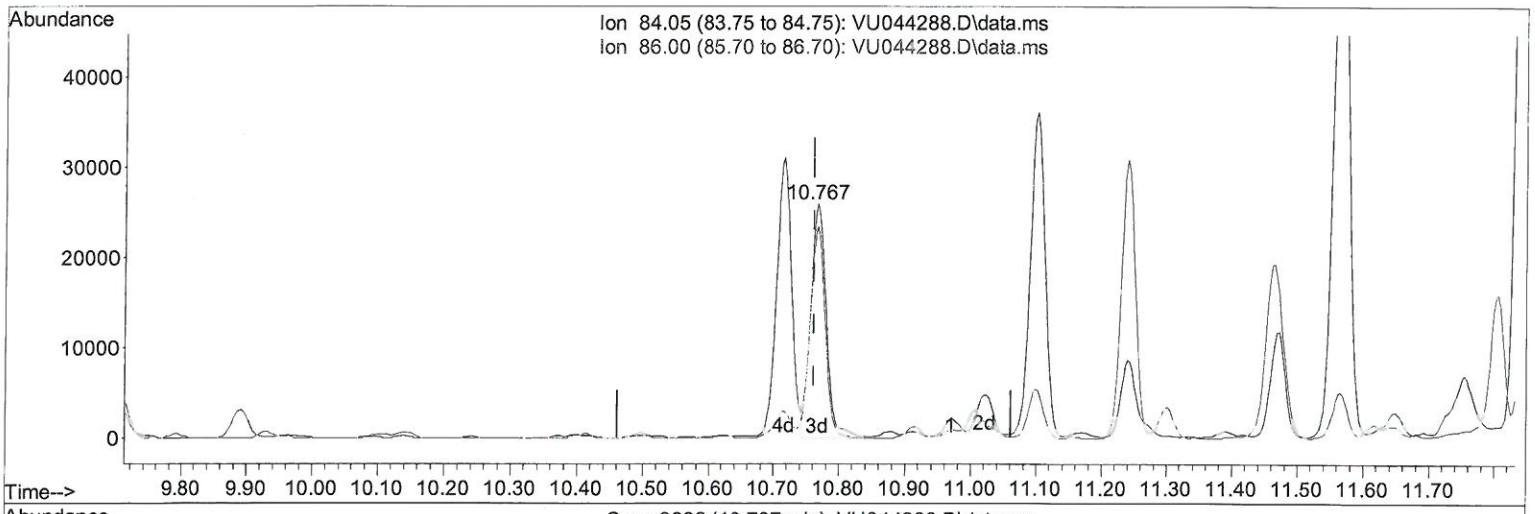

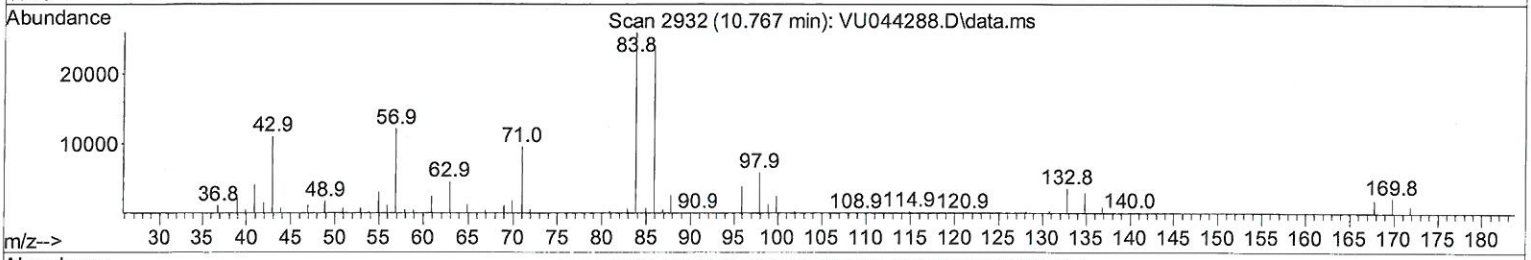

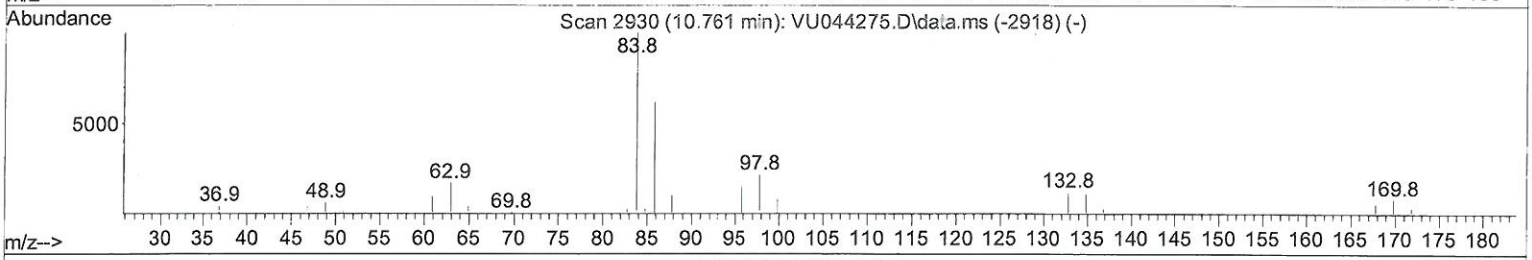

TIC: VU044288.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.767min (+ 0.006) 4.87 ug/L m

response 43479

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	62.20	4.87#
0.00	0.00	0.00
0.00	0.00	0.00

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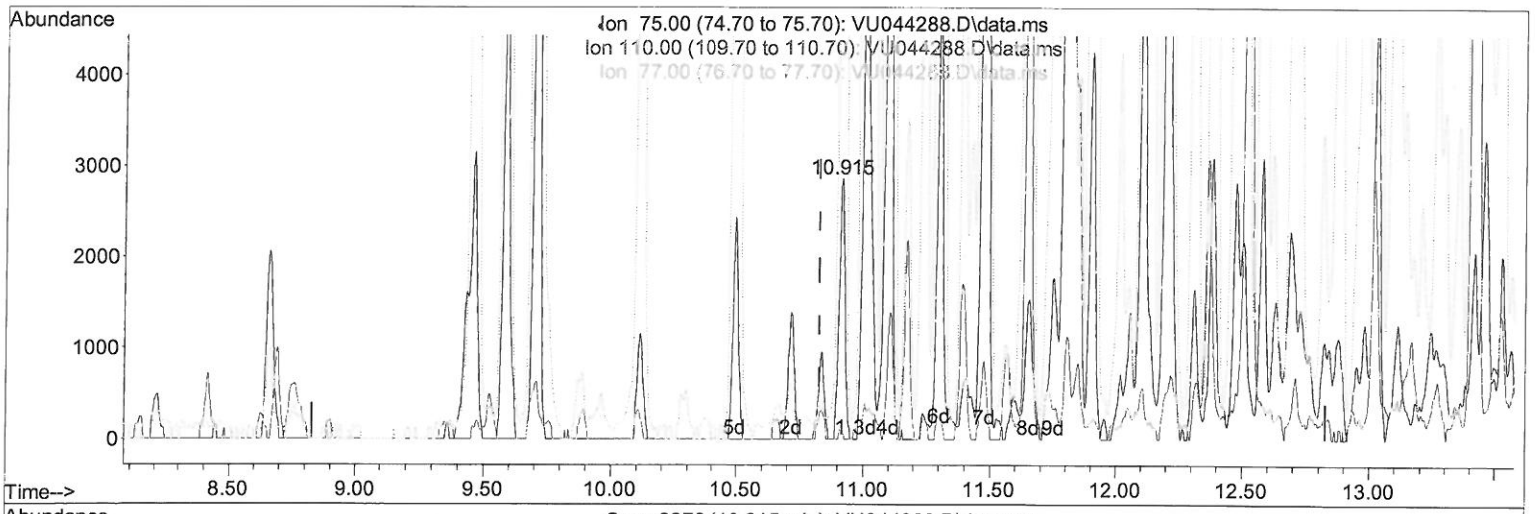

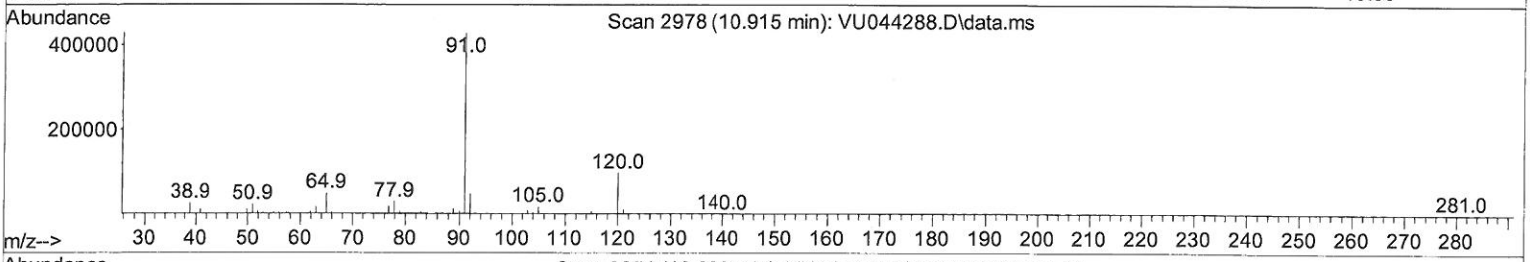

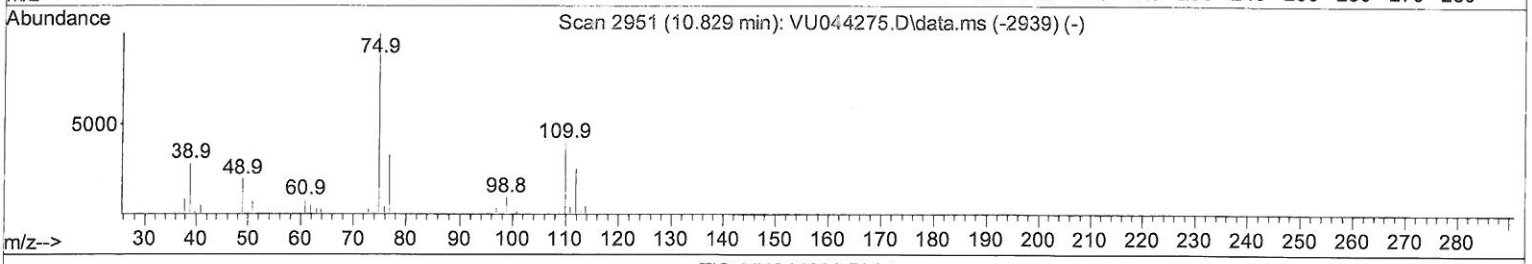

TIC: VU044288.D\data.ms

(61) 1,2,3-Trichloropropane

10.915min (+ 0.086) 0.66 ug/L

response 4525

Ion	Exp%	Act%
75.00	100.00	100.00
110.00	38.10	0.00#
77.00	32.60	588.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

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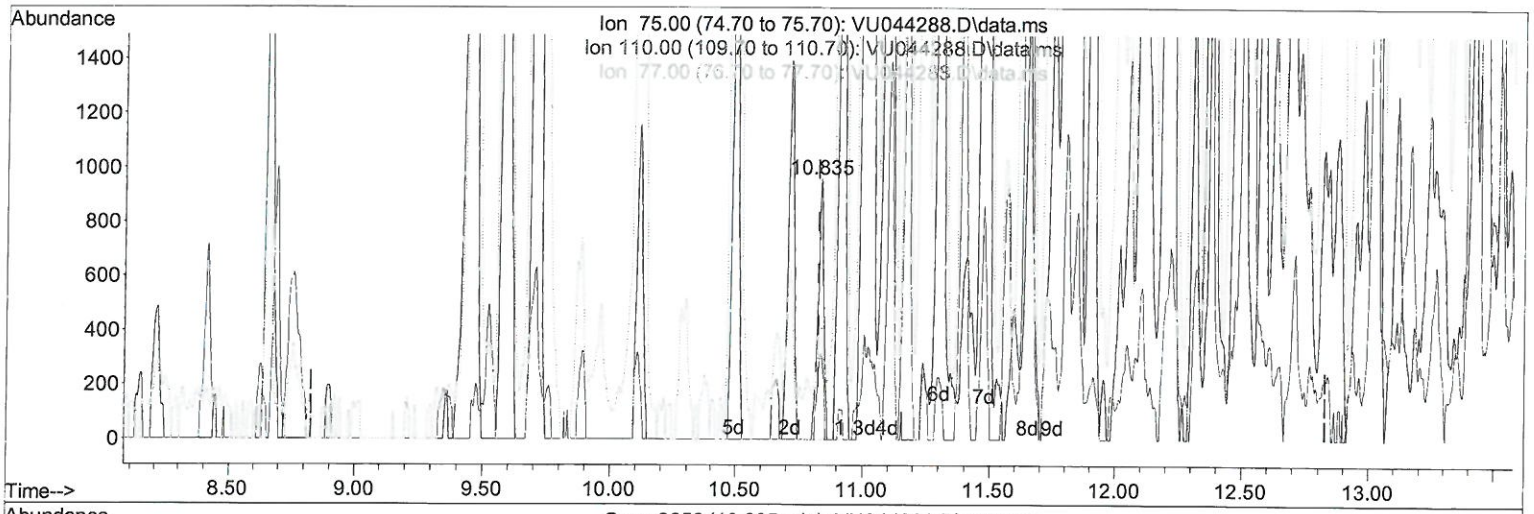

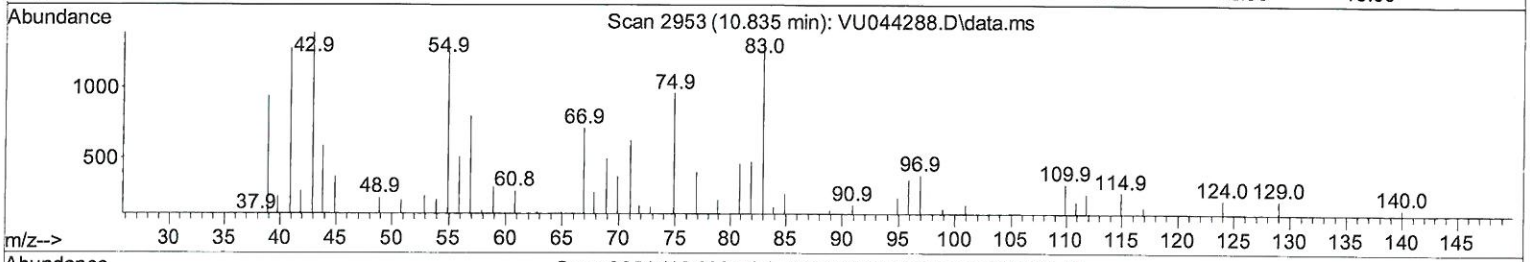

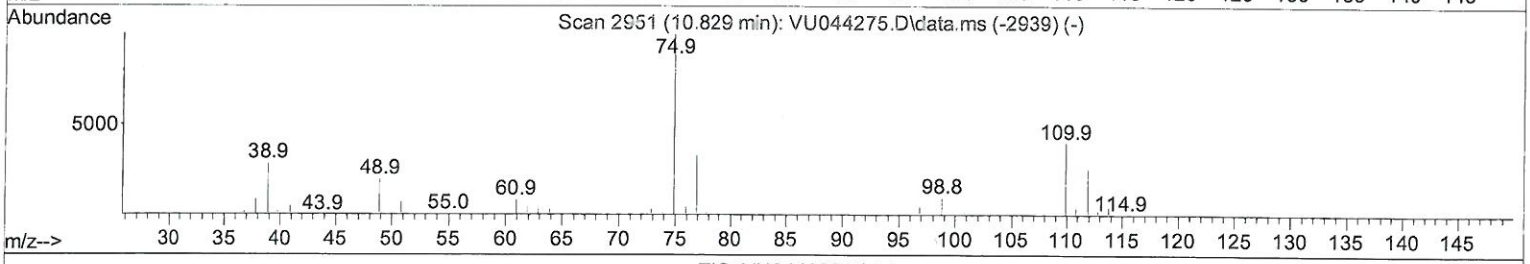

TIC: VU044288.D\data.ms

(61) 1,2,3-Trichloropropane

10.835min (+ 0.006) 0.22 ug/L m

response 1519

Ion	Exp%	Act%
75.00	100.00	100.00
110.00	38.10	0.00#
77.00	32.60	1754.05#
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	6.301	114	132991	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.433	117	124842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	75841	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.633	65	31691	4.401	ug/L	0.03
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.000%			
7) Chloroethane-d5	1.951	69	34114	4.812	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.200%			
11) 1,1-Dichloroethene-d2	2.607	65	18598	5.032	ug/L	0.03
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.600%			
20) 2-Butanone-d5	4.752	46	111602	42.090	ug/L	0.11
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.180%			
24) Chloroform-d	5.137	84	75449	4.655	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.774	65	43265	4.465	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
32) Benzene-d6	5.793	84	148545	4.791	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.739	67	48055	4.782	ug/L	0.04
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.600%			
41) Toluene-d8	7.925	98	137021	4.762	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	8.205	79	19518	4.188	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.658	63	112923	50.867	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.740%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	43479m	4.867	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	12.201	152	64816	5.187	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.639	62	47856	5.092	ug/L #	24
8) Chloroethane	1.974	64	5521	0.863	ug/L #	57
13) Acetone	2.771	43	13654m	11.517	ug/L	
14) Carbon disulfide	2.835	76	5826	0.246	ug/L #	87
18) trans-1,2-Dichloroethene	3.395	96	19353	2.368	ug/L	93
19) 1,1-Dichloroethane	3.916	63	165000	10.584	ug/L	99
22) cis-1,2-Dichloroethene	4.723	96	8088	0.904	ug/L	85
30) Cyclohexane	5.459	56	13641	0.940	ug/L	95
33) Benzene	5.838	78	566635	17.302	ug/L	100
34) Trichloroethene	6.584	95	545	0.061	ug/L	95
35) Methylcyclohexane	6.806	83	9539	0.651	ug/L	92
37) 1,2-Dichloropropane	6.838	63	32197	3.723	ug/L	99
40) 4-Methyl-2-pentanone	7.829	43	10167	1.463	ug/L #	85
42) Toluene	7.996	91	207116	5.743	ug/L	99
51) Chlorobenzene	9.462	112	54416	2.356	ug/L	98
52) Ethylbenzene	9.584	91	691107	16.599	ug/L	100
53) m,p-Xylene	9.706	106	570172	36.165	ug/L	100
54) o-Xylene	10.111	106	61146	3.990	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Isopropylbenzene	10.494	105	294765	6.392	ug/L		99
61) 1,2,3-Trichloropropane	10.835	75	1519m	0.222	ug/L		
62) 1,3,5-Trimethylbenzene	11.099	105	1261793	31.402	ug/L		98
63) 1,2,4-Trimethylbenzene	11.478	105	2622935	63.820	ug/L		99
64) 1,3-Dichlorobenzene	11.754	146	2993	0.144	ug/L	#	47
65) 1,4-Dichlorobenzene	11.845	146	9864	0.470	ug/L	#	81
67) 1,2-Dichlorobenzene	12.221	146	6810	0.348	ug/L	#	67

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