

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041219\

Data File : VU031145.D

Acq On : 12 Apr 2019 21:40

Operator : JC/SP

Sample : K2339-12

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 16 12:45:22 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M

Quant Title : VOC Analysis

QLast Update : Sat Apr 13 01:01:33 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

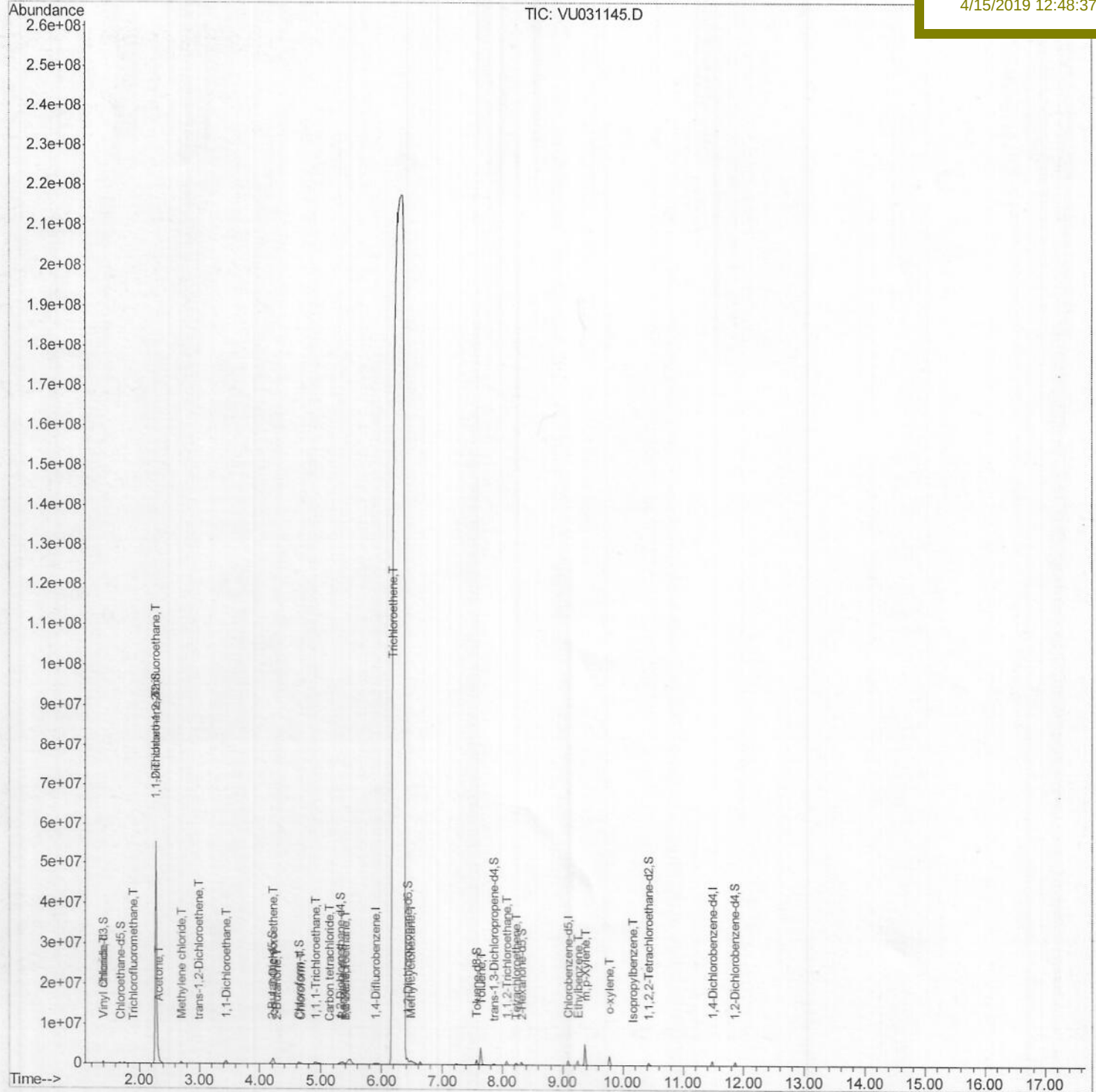
BFC35

Manual Integrations

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4/15/2019 12:48:37 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041219\
Quantitation Report (Qedit)

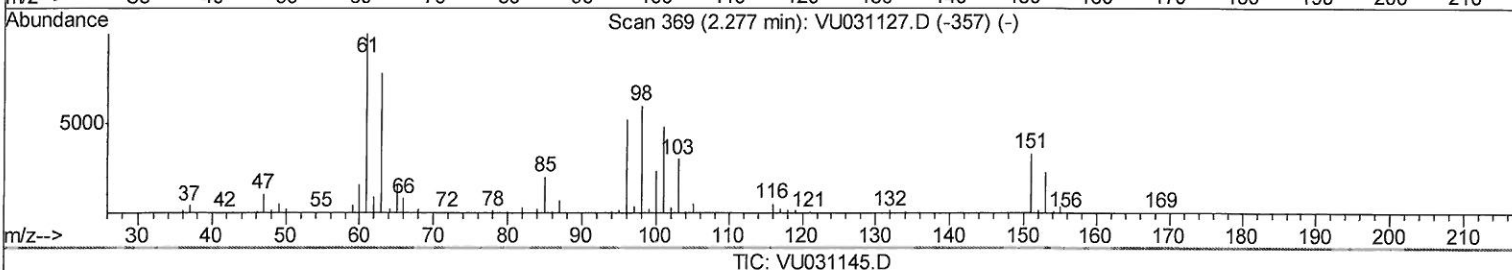
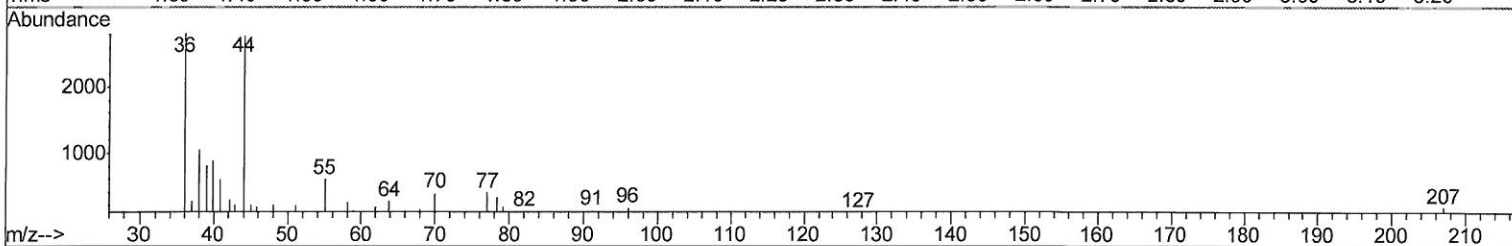
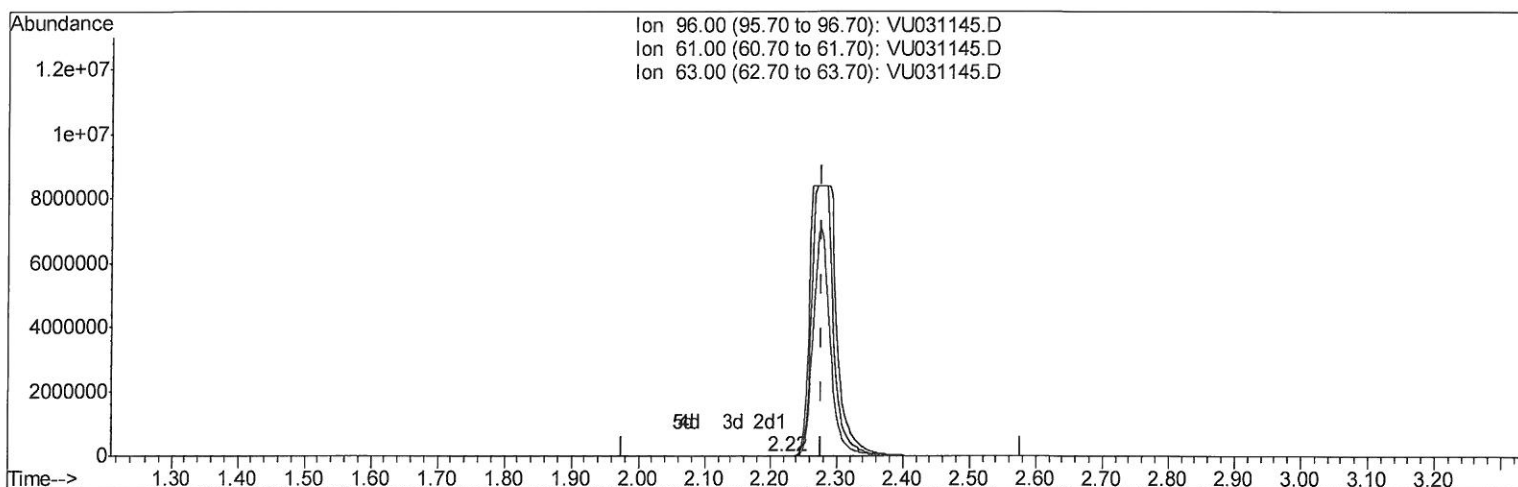
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TIC: VU031145.D

(12) 1,1-Dichloroethene (T)

2.219min (-0.058) 0.02ug/L

response 83

Ion	Exp%	Act%
96.00	100	100
61.00	188.60	0.00#
63.00	129.90	0.00#
0.00	0.00	0.00

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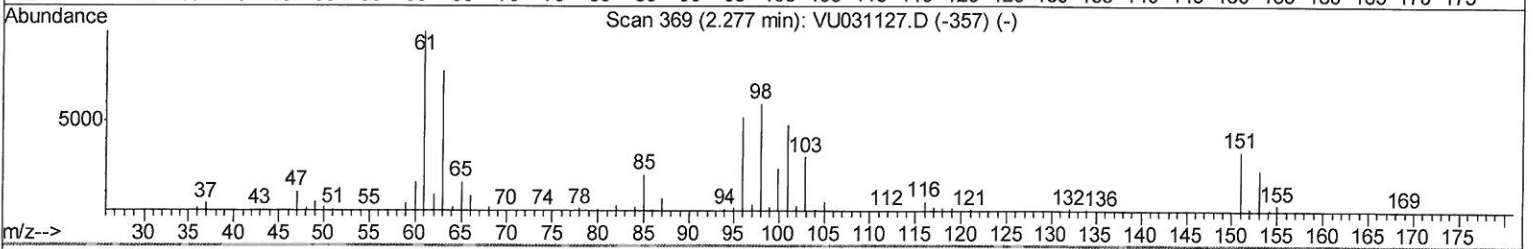
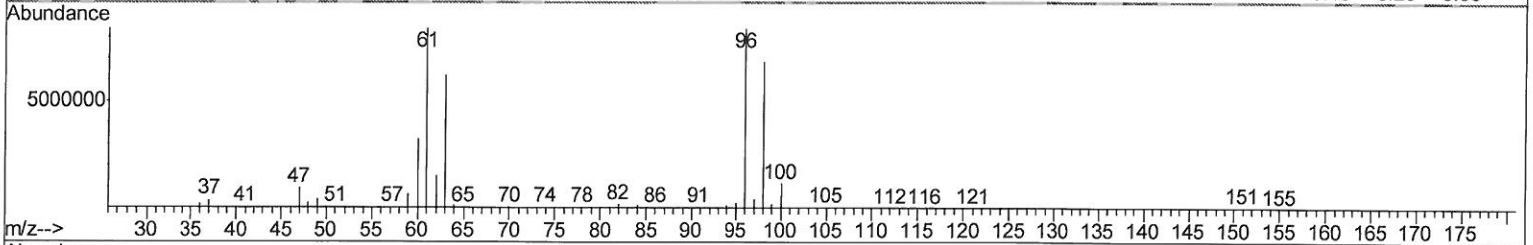
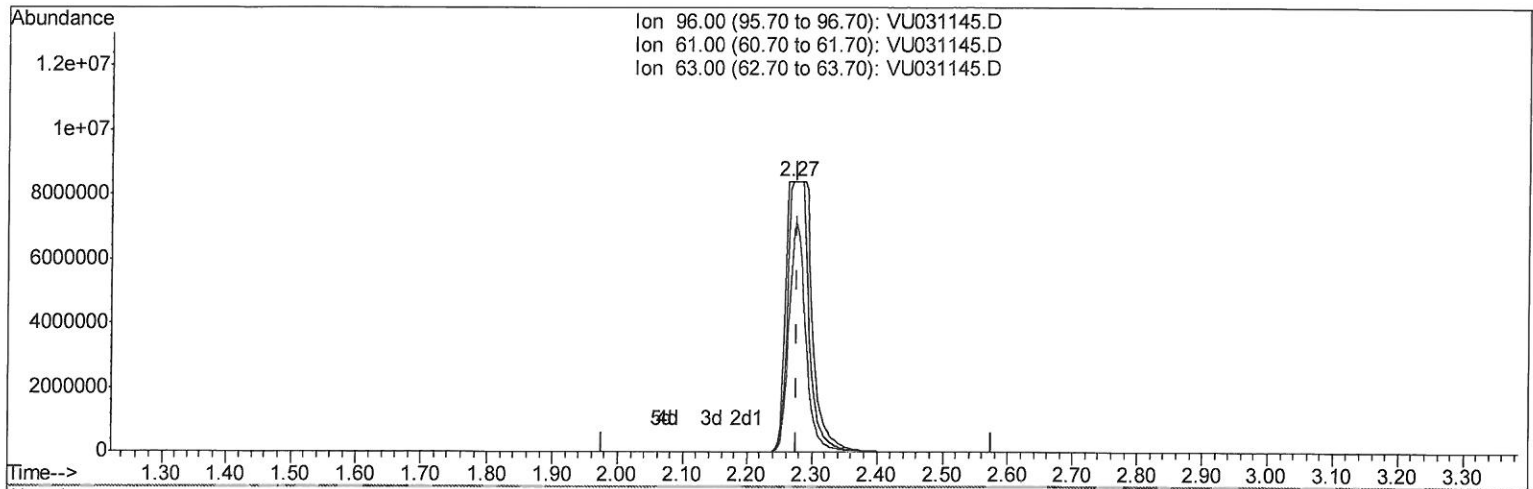
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TIC: VU031145.D

(12) 1,1-Dichloroethene (T)

2.270min (-0.007) 4447.54ug/L m

response 18831797

Ion	Exp%	Act%
96.00	100	100
61.00	188.60	100.00#
63.00	129.90	74.07#
0.00	0.00	0.00

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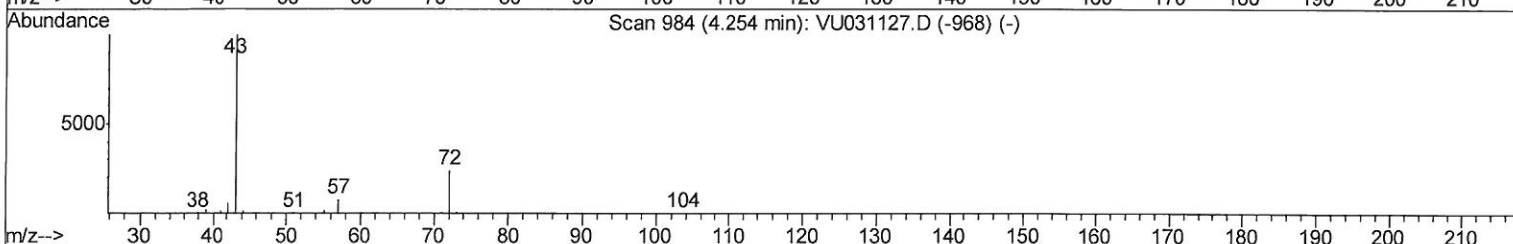
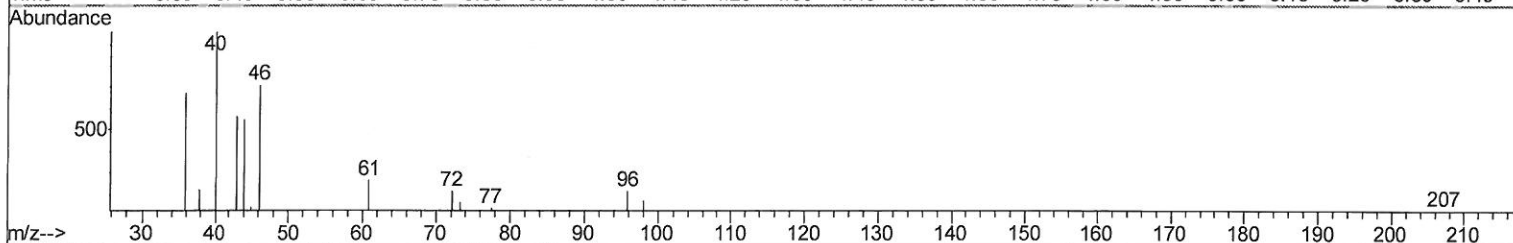
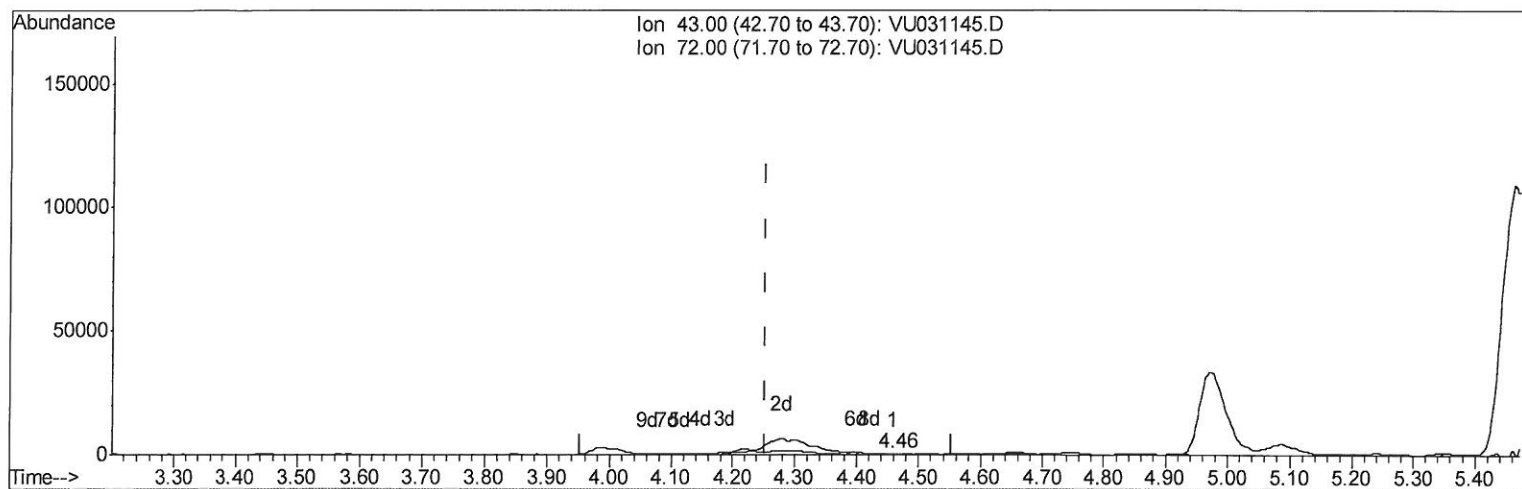
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TIC: VU031145.D

(22) 2-Butanone (T)

4.460min (+0.206) 0.03ug/L

response 148

Ion	Exp%	Act%
43.00	100	100
72.00	21.60	22.97
0.00	0.00	0.00
0.00	0.00	0.00

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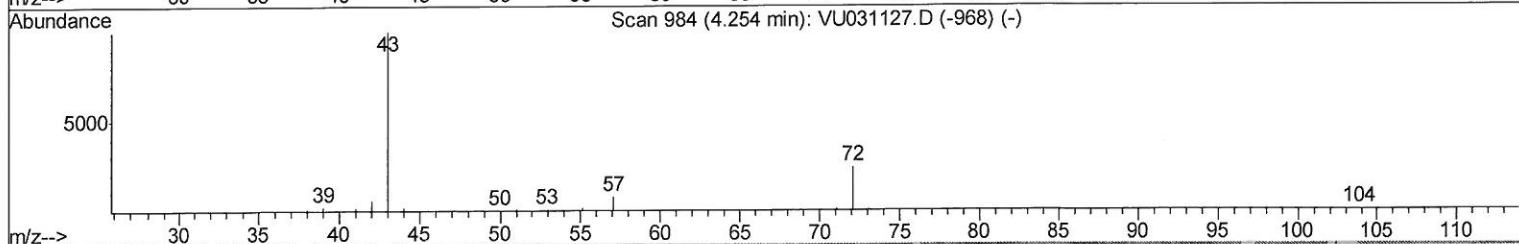
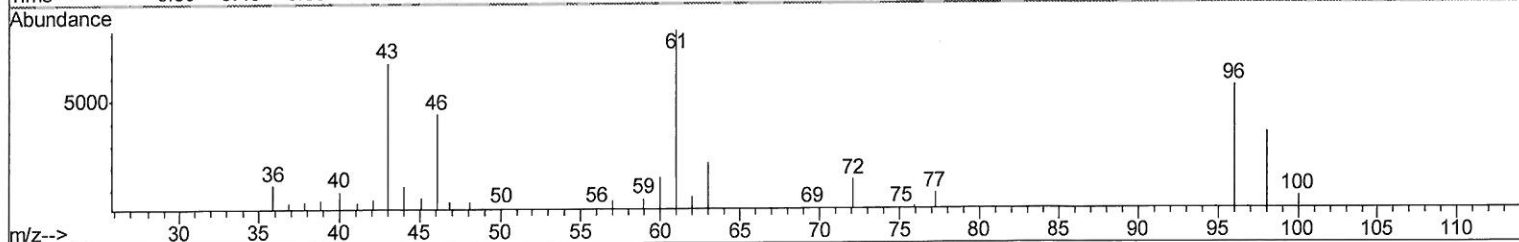
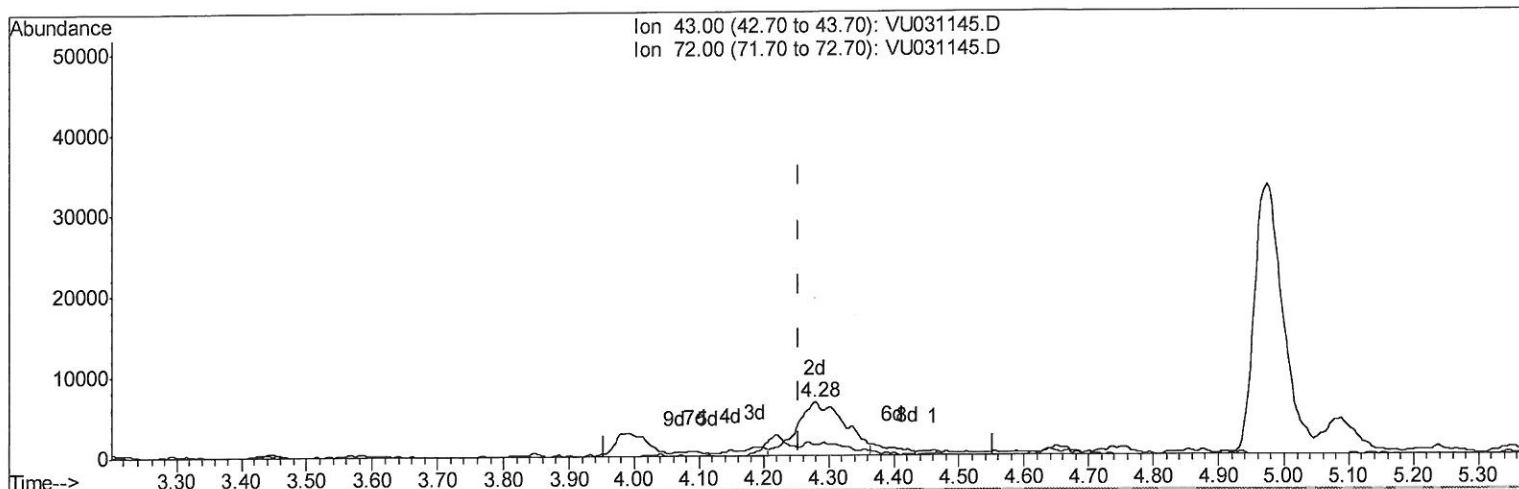
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TIC: VU031145.D

(22) 2-Butanone (T)

4.279min (+0.026) 6.64ug/L m

response 34525

Ion Exp% Act%

43.00 100 100

72.00 21.60 0.10#

0.00 0.00 0.00

0.00 0.00 0.00

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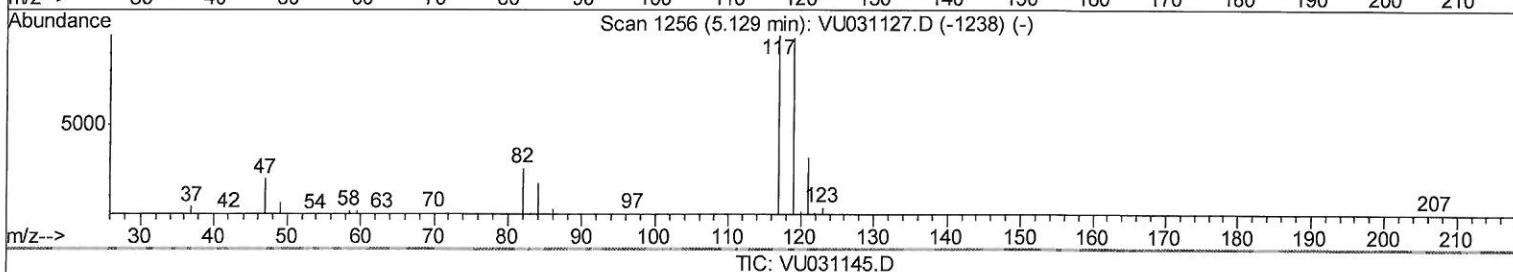
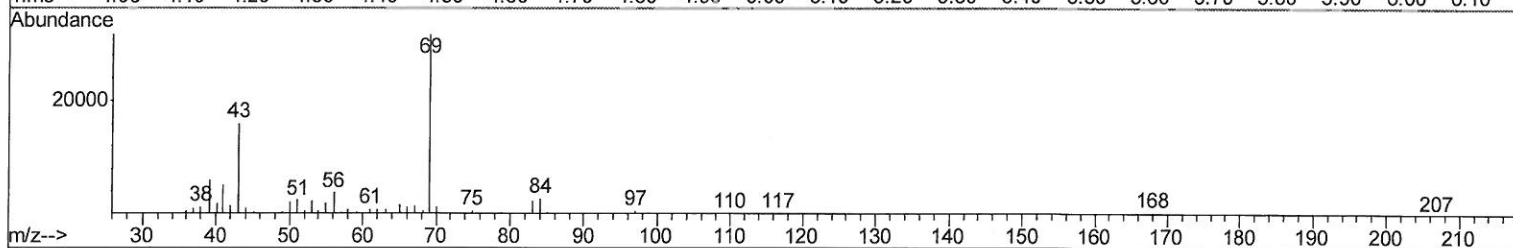
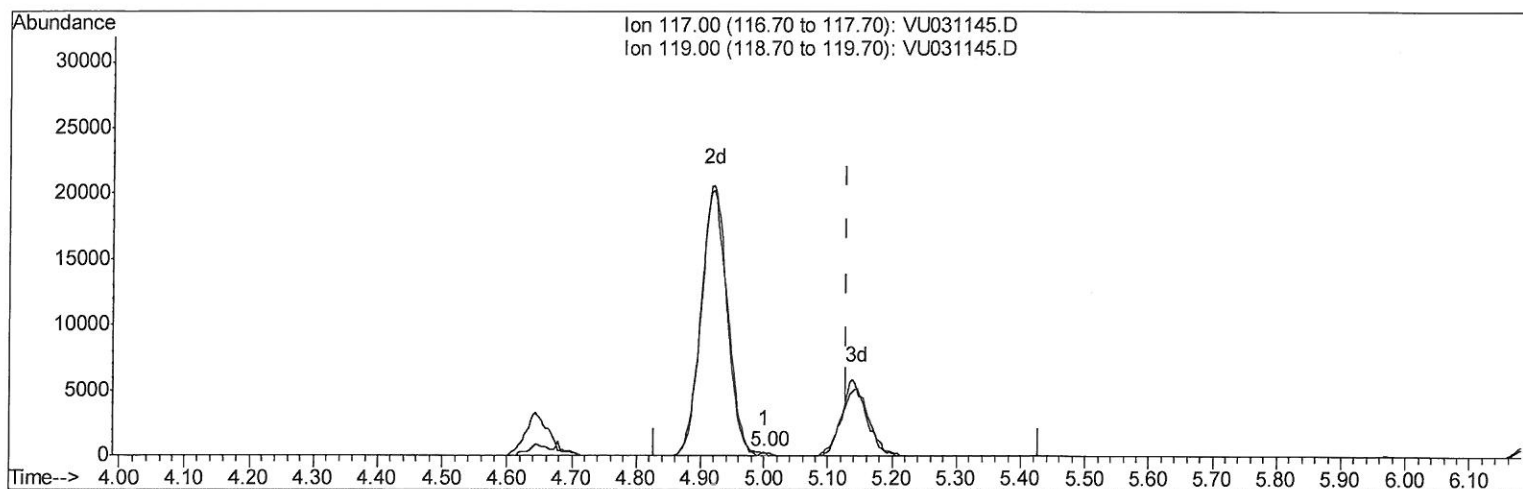
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TIC: VU031145.D

(31) Carbon tetrachloride (T)

5.000min (-0.129) 0.03ug/L

response 168

Ion	Exp%	Act%
117.00	100	100
119.00	95.20	87.50
0.00	0.00	0.00
0.00	0.00	0.00

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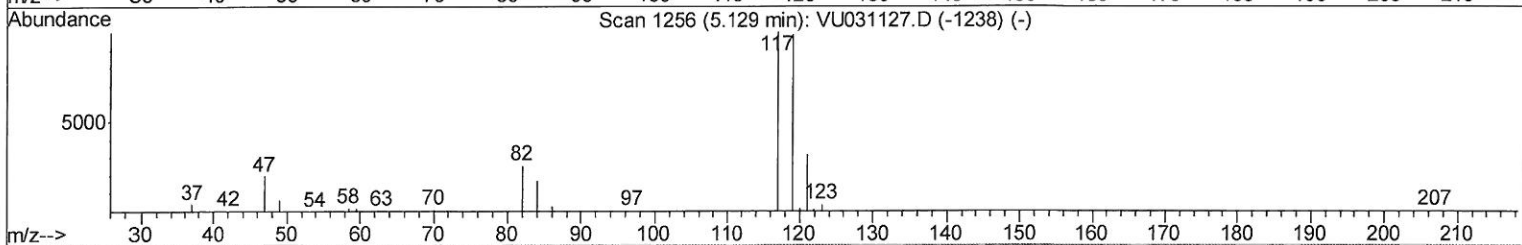
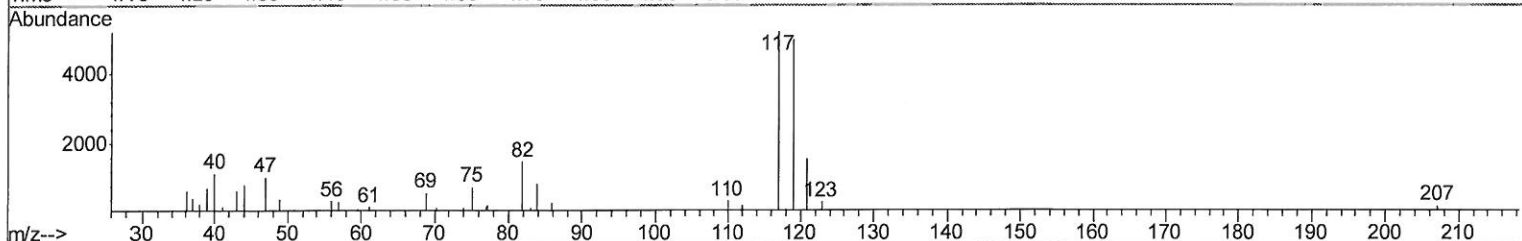
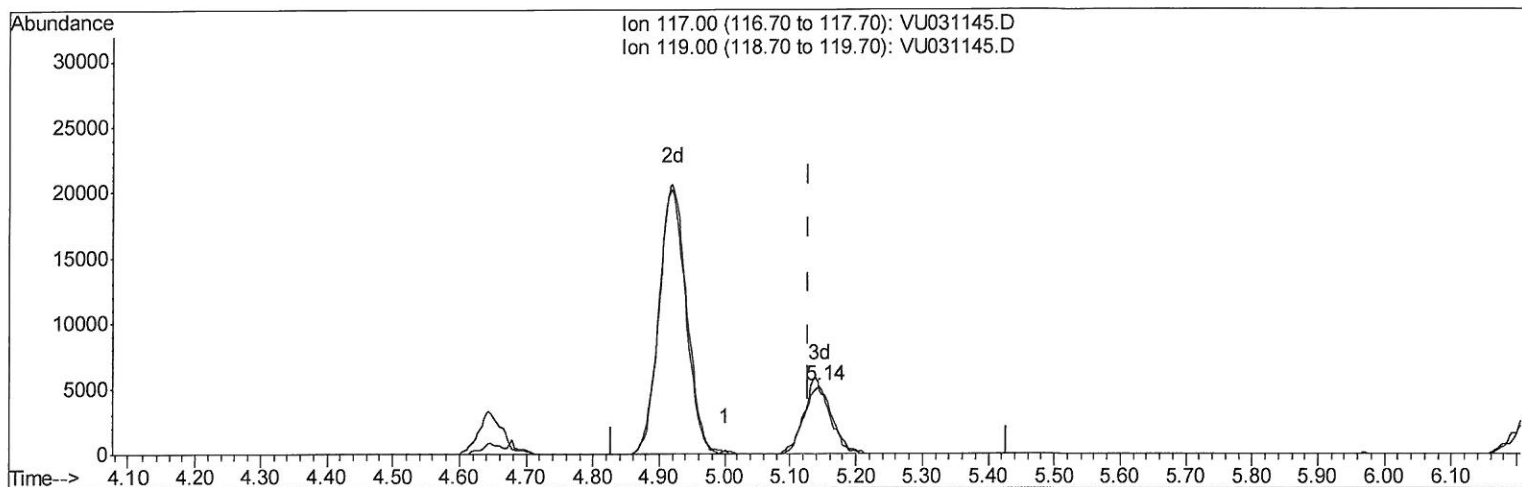
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TIC: VU031145.D

(31) Carbon tetrachloride (T)

5.144min (+0.016) 2.38ug/L m

response 14786

Ion	Exp%	Act%
117.00	100	100
119.00	95.20	0.99#
0.00	0.00	0.00
0.00	0.00	0.00

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4/16/19

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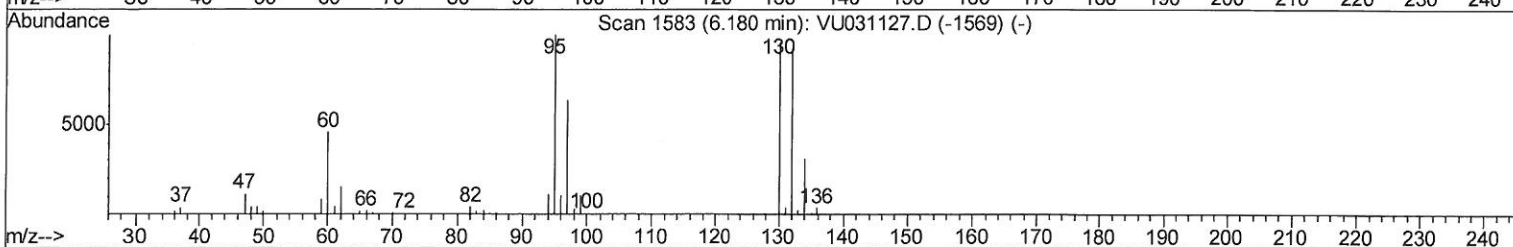
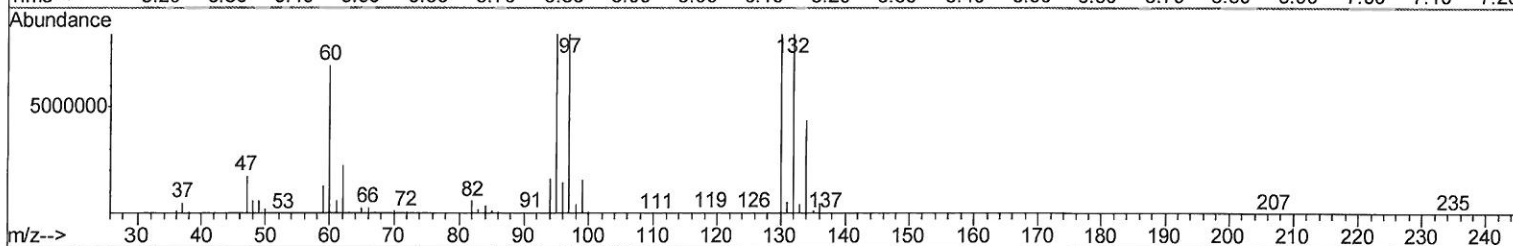
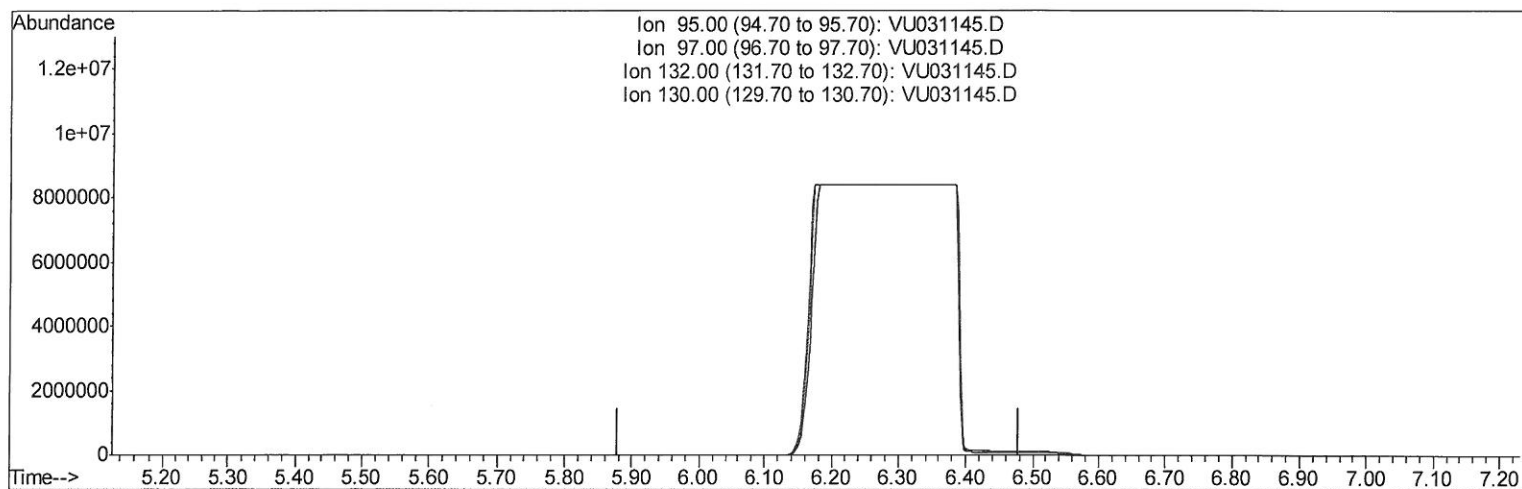
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TIC: VU031145.D

(34) Trichloroethene (T)

6.180min (-6.180) 0.00ug/L

response 0

Ion	Exp%	Act%
95.00	100	0.00
97.00	63.60	0.00#
132.00	87.80	0.00#
130.00	92.70	0.00#

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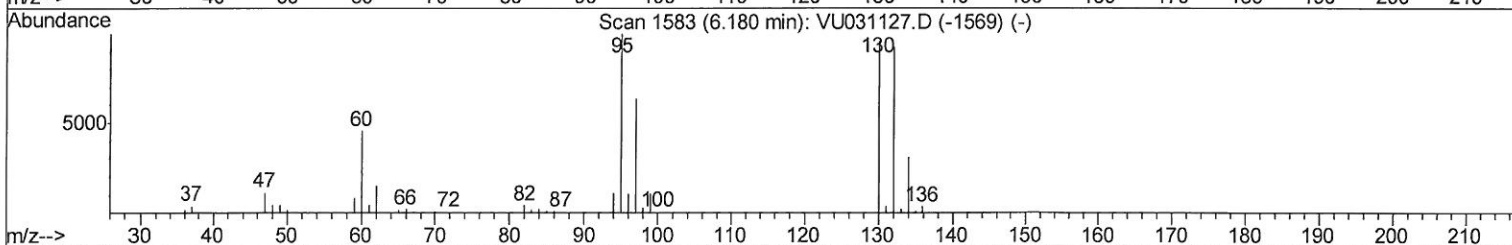
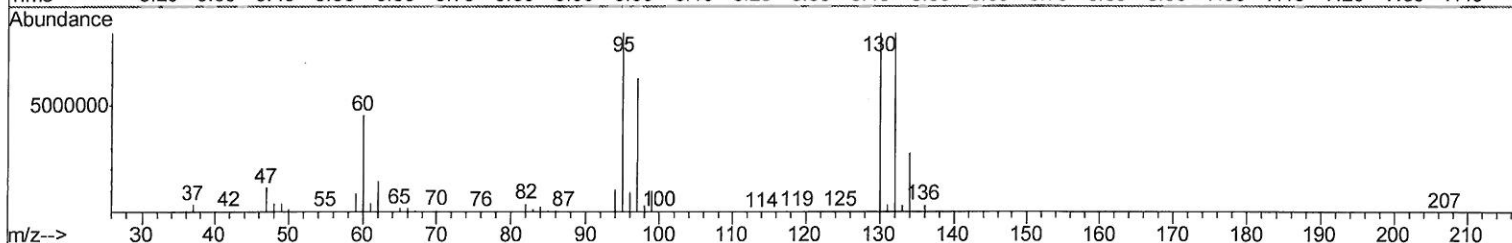
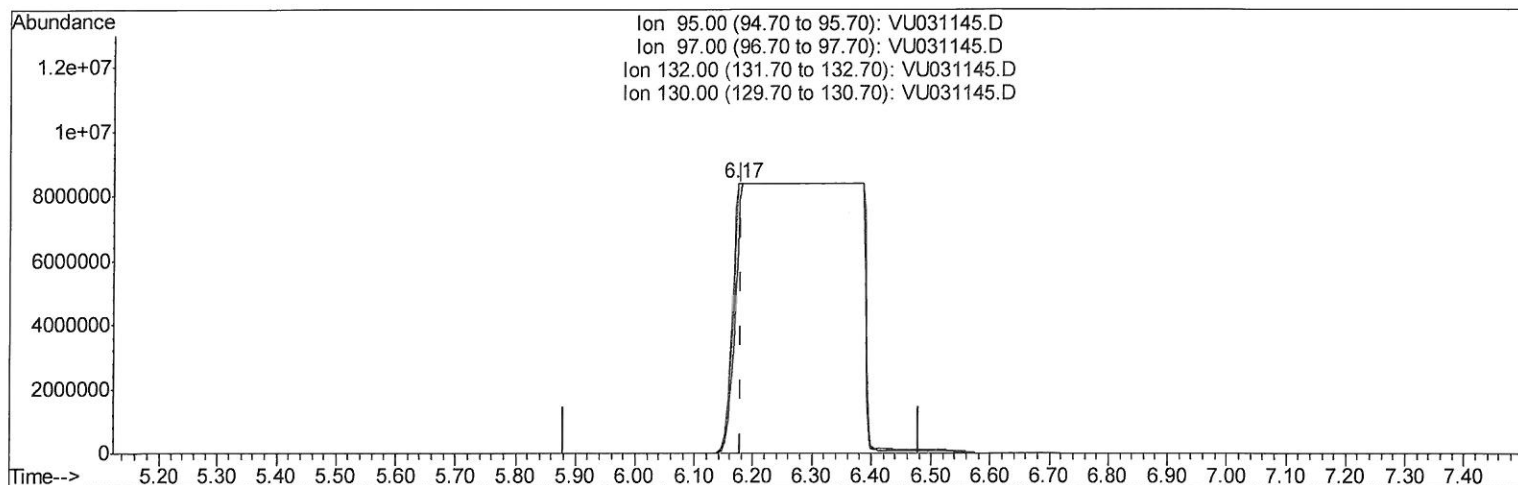
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(34) Trichloroethene (T)

6.173min (-0.007) 24402.77ug/L m

response 115821430

Ion	Exp%	Act%
95.00	100	100
97.00	63.60	74.94
132.00	87.80	100.00
130.00	92.70	100.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.90	114	612541	50.00	ug/L	0.02
28) Chlorobenzene-d5	9.09	117	591343	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	240733	44.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.06%		
7) Chloroethane-d5	1.67	69	175868	42.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.76%		
11) 1,1-Dichloroethene-d2	2.28	63	12722715	1286.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	2572.84%#		
21) 2-Butanone-d5	4.18	46	366365	84.54	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.54%		
24) Chloroform-d	4.64	84	373789	44.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.50%		
26) 1,2-Dichloroethane-d4	5.31	65	245528	43.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.16%		
32) Benzene-d6	5.35	84	763604	44.23	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.46%		
36) 1,2-Dichloropropane-d6	6.42	67	264187	44.66	ug/L	0.10
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.32%		
41) Toluene-d8	7.57	98	668695	43.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.40%		
43) trans-1,3-Dichloropropene-	7.85	79	120817	44.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.58%		
47) 2-Hexanone-d5	8.31	63	235500	87.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.09%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	346284	43.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.78%		
64) 1,2-Dichlorobenzene-d4	11.86	152	253467	45.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.58%		

Target Compounds

					Ovalue
5) Vinyl chloride	1.40	62	14053	2.086 ug/L	# 18
9) Trichlorofluoromethane	1.88	101	18798	2.395 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	56222	12.818 ug/L	# 36
12) 1,1-Dichloroethene	2.27	96	18831797m	4447.541 ug/L	
13) Acetone	2.32	43	110107	24.829 ug/L	99
16) Methylene chloride	2.69	84	137601	26.751 ug/L	89
17) trans-1,2-Dichloroethene	2.98	96	14793	3.290 ug/L	94
19) 1,1-Dichloroethane	3.44	63	778882	83.950 ug/L	99
20) cis-1,2-Dichloroethane	4.22	96	727943	146.641 ug/L	90
22) 2-Butanone	4.28	43	34525m	6.640 ug/L	
25) Chloroform	4.67	83	100807	10.810 ug/L	96
27) 1,2-Dichloroethane	5.41	62	104309	14.656 ug/L	97
30) 1,1,1-Trichloroethane	4.92	97	460207	63.858 ug/L	99
31) Carbon tetrachloride	5.14	117	14786m	2.381 ug/L	
33) Benzene	5.41	78	52591	2.718 ug/L	100
34) Trichloroethene	6.17	95	115821430m	24402.766 ug/L	
35) Methylcyclohexane	6.48	83	54894	7.494 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	3035479	153.671	uq/L	100
45) 1,1,2-Trichloroethane	8.07	97	275196	59.218	uq/L	95
46) Tetrachloroethene	8.23	164	118193	34.252	uq/L	98
52) Ethylbenzene	9.25	91	736240	34.194	uq/L	99
53) m,p-Xylene	9.37	106	1435197	191.119	uq/L	99
54) o-xylene	9.78	106	561635	75.190	uq/L	98
56) Isopropylbenzene	10.17	105	22548	1.147	uq/L	99

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