

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029553.D
 Acq On : 19 Feb 2019 14:29
 Operator : JC/SP
 Sample : K1489-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXG3DL

Quant Time: Feb 20 01:10:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	214153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88196	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.68	69	56279	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.27	63	105924	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.21	46	185032	59.45	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.90%
24) Chloroform-d	4.64	84	85800	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.00%
26) 1,2-Dichloroethane-d4	5.31	65	60229	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.34	84	231676	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	73124	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.56	98	224355	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.85	79	28558	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	160542	51.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64640	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	97786	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

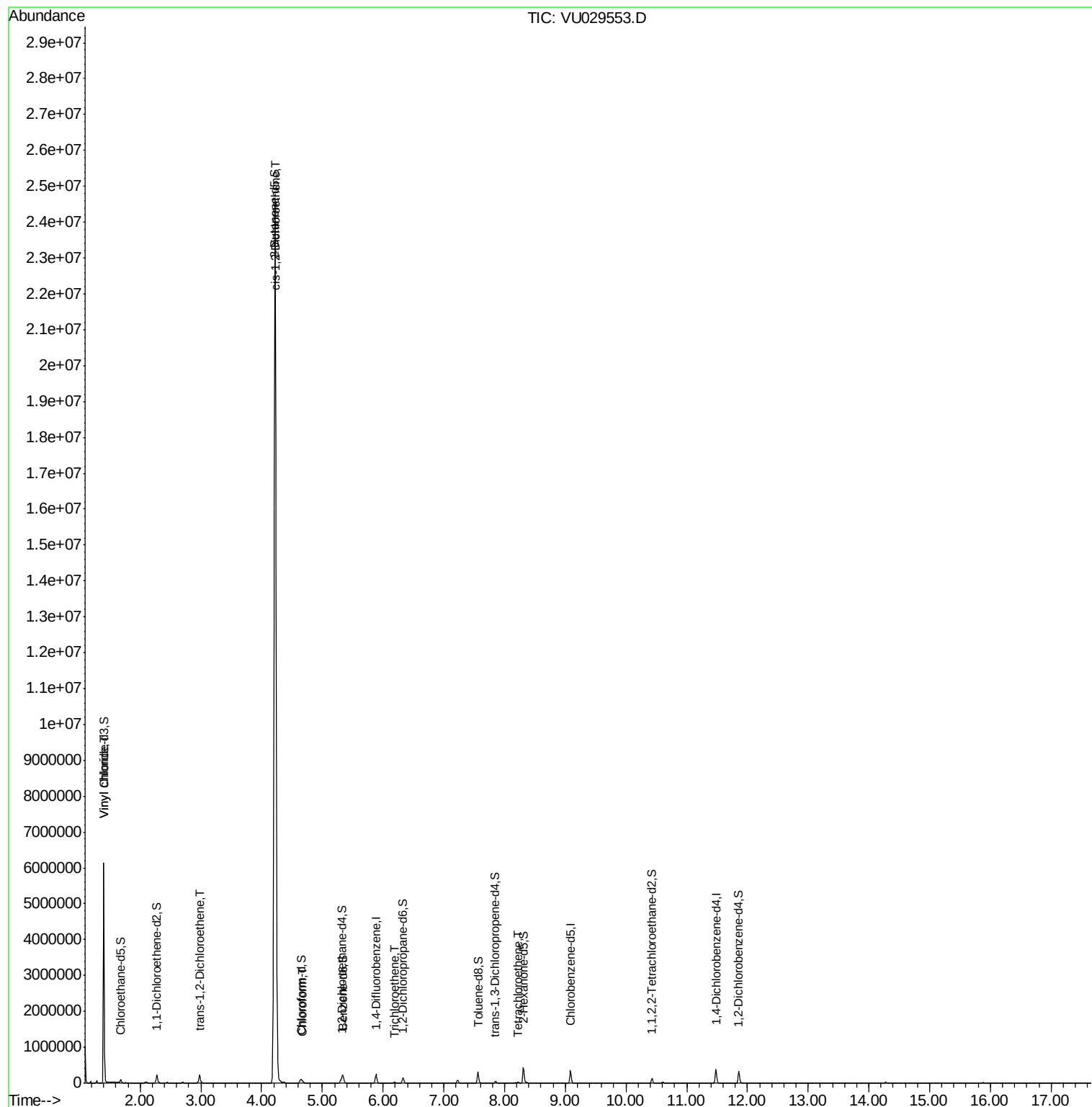
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	3662965	170.702	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	89140	4.559	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	13787167	766.556	ug/L	97
25) Chloroform	4.67	83	27049	0.918	ug/L	95
34) Trichloroethene	6.18	95	10618	0.599	ug/L	98
47) Tetrachloroethene	8.22	164	9333	0.575	ug/L	98

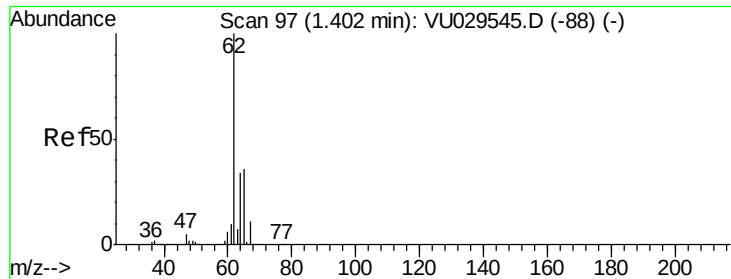
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 170.702 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

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Acq: 19 Feb 2019 14:29

Instrument :

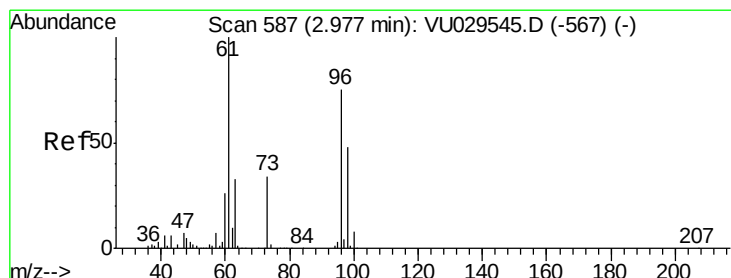
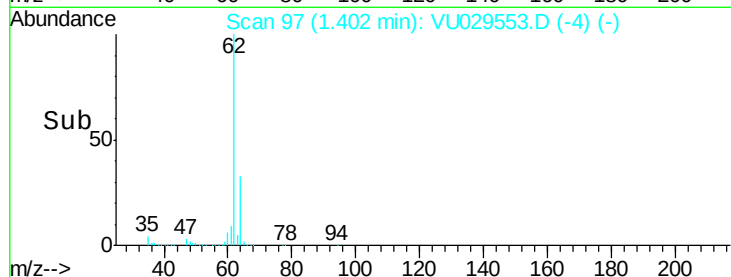
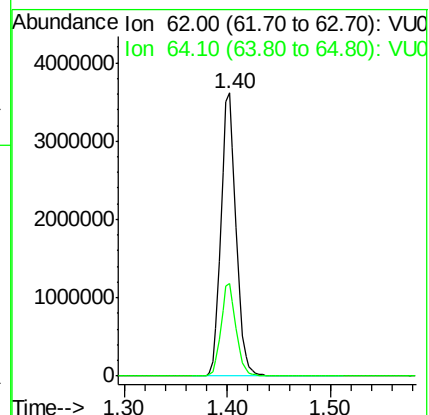
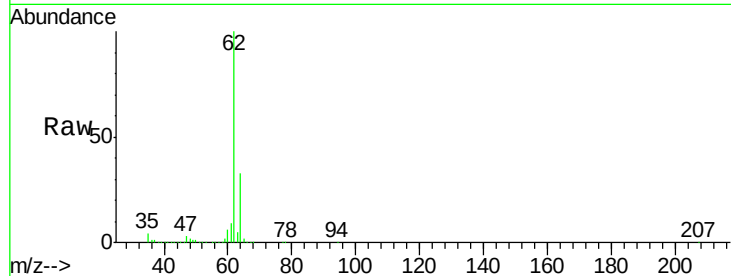
MSVOA_U

ClientSampleId :

ESXG3DL

Tot Ion: 62 Resp: 3662965

Ion	Ratio	Lower	Upper
62	100		
64	32.8	23.5	43.7



#18

trans-1,2-Dichloroethene

Concen: 4.559 ug/L

RT: 2.98 min Scan# 587

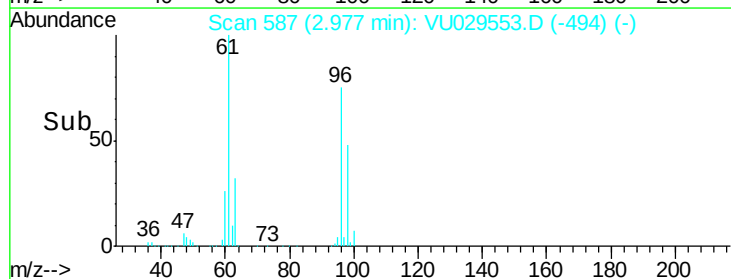
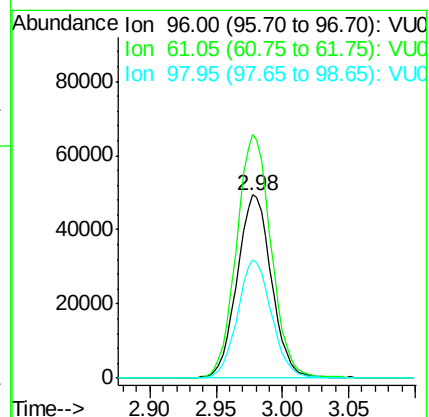
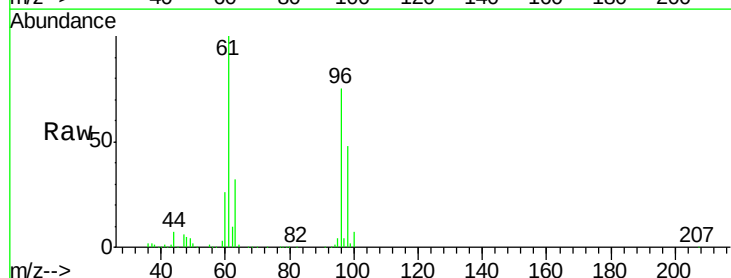
Delta R.T. -0.00 min

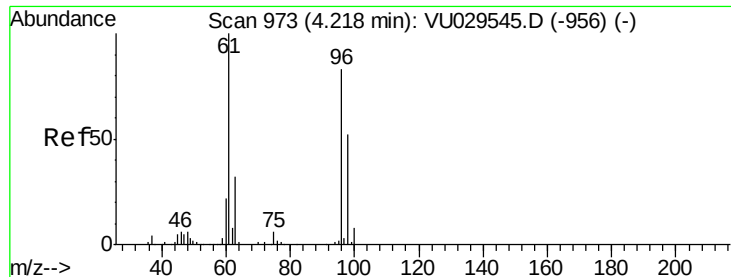
Lab File: VU029553.D

Acq: 19 Feb 2019 14:29

Tgt Ion: 96 Resp: 89140

Ion	Ratio	Lower	Upper
96	100		
61	132.9	95.4	177.2
98	64.4	45.8	85.2



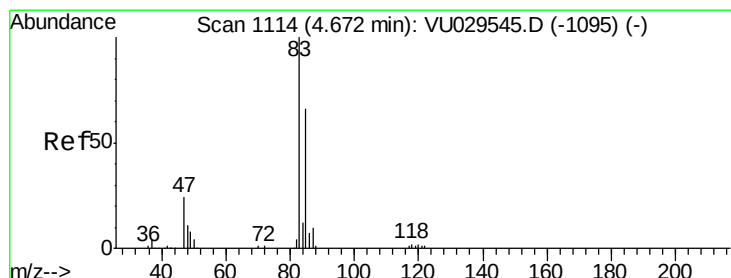
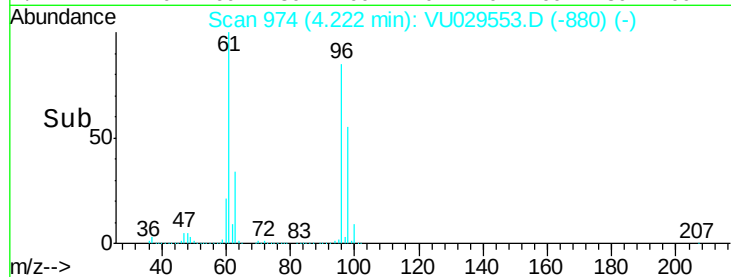
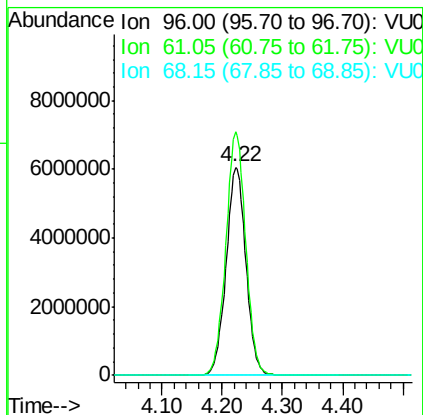
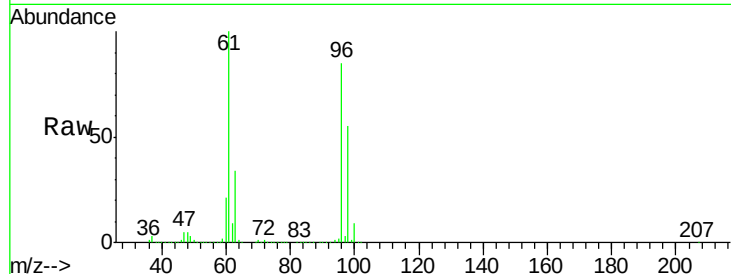


#22

cis-1,2-Dichloroethene
 Concen: 766.556 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029553.D
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 ESXG3DL

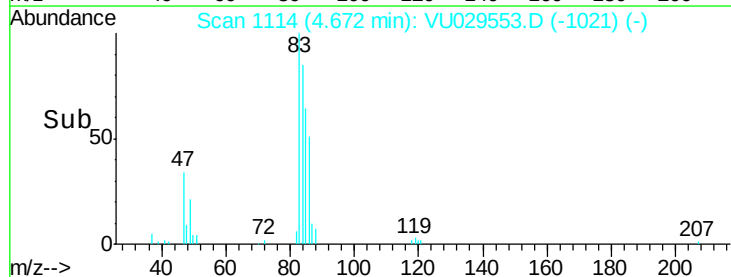
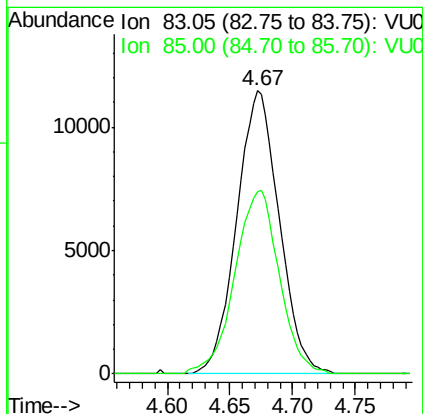
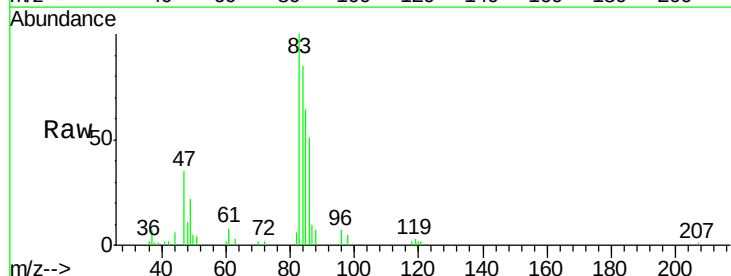
Tot Ion: 96 Resp:13787167
 Ion Ratio Lower Upper
 96 100
 61 117.1 79.9 148.5
 68 0.0 0.0 0.0

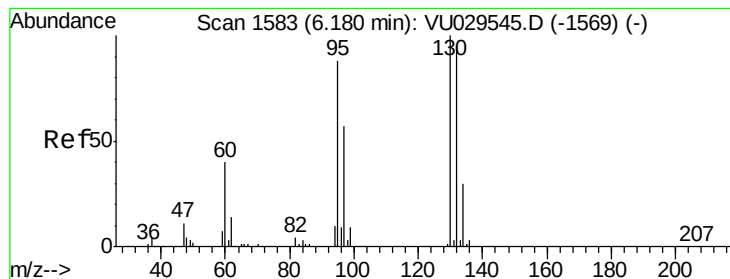


#25

Chloroform
 Concen: 0.918 ug/L
 RT: 4.67 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VU029553.D
 Acq: 19 Feb 2019 14:29

Tgt Ion: 83 Resp: 27049
 Ion Ratio Lower Upper
 83 100
 85 64.3 47.8 88.8





#34

Trichloroethene

Concen: 0.599 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029553.D

Acq: 19 Feb 2019 14:29

Instrument :

MSVOA_U

ClientSampleId :

ESXG3DL

Tot Ion: 95 Resp: 10618

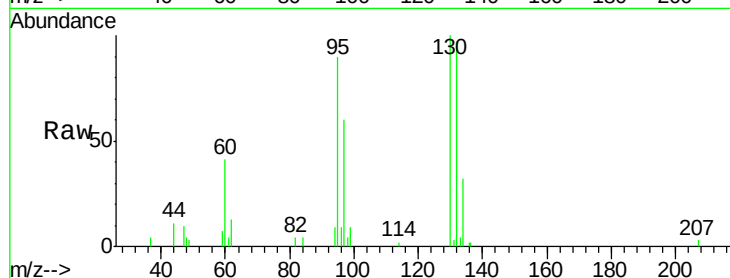
Ion Ratio Lower Upper

95 100

97 67.0 46.3 86.1

132 108.6 72.9 135.3

130 111.6 79.2 147.0

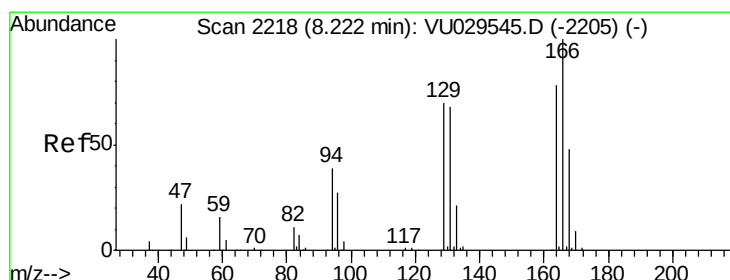
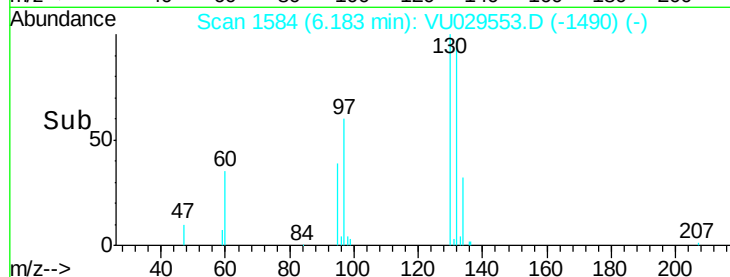
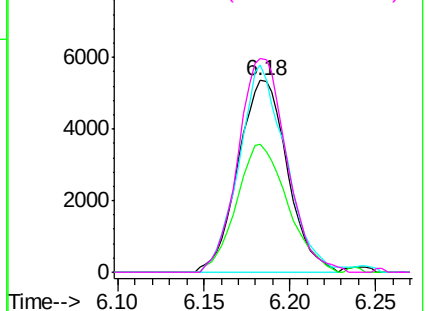


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.575 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029553.D

Acq: 19 Feb 2019 14:29

Tgt Ion:164 Resp: 9333

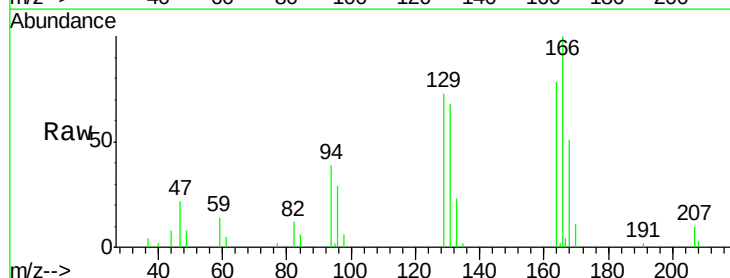
Ion Ratio Lower Upper

164 100

129 92.9 62.9 116.9

131 86.8 62.1 115.3

166 128.0 89.8 166.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

