

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
 Data File : VU032006.D
 Acq On : 14 May 2019 19:47
 Operator : JC/SP
 Sample : K2738-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB891

Manual Integrations
 APPROVED

MMDadoda
 5/15/2019 10:30:38 AM

Quant Time: May 15 05:39:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 15 04:26:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1152772	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1167957	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	481060	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	409859	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.04%
7) Chloroethane-d5	1.67	69	351806	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.90%
11) 1,1-Dichloroethene-d2	2.27	63	582357	32.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.24%
21) 2-Butanone-d5	4.17	46	665429	93.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	4.64	84	731003	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
26) 1,2-Dichloroethane-d4	5.30	65	476250	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
32) Benzene-d6	5.34	84	1565008	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.32	67	514073	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.56	98	1385694	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	215668	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
47) 2-Hexanone-d5	8.31	63	465821	102.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	707480	42.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	477543	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	60181	4.847	ug/L	# 45
13) Acetone	2.32	43	30141	4.139	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	369464	41.716	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	277951	28.372	ug/L	98
34) Trichloroethene	6.18	95	12909536	1362.555	ug/L	99
46) Tetrachloroethene	8.22	164	22741669m	3399.740	ug/L	

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

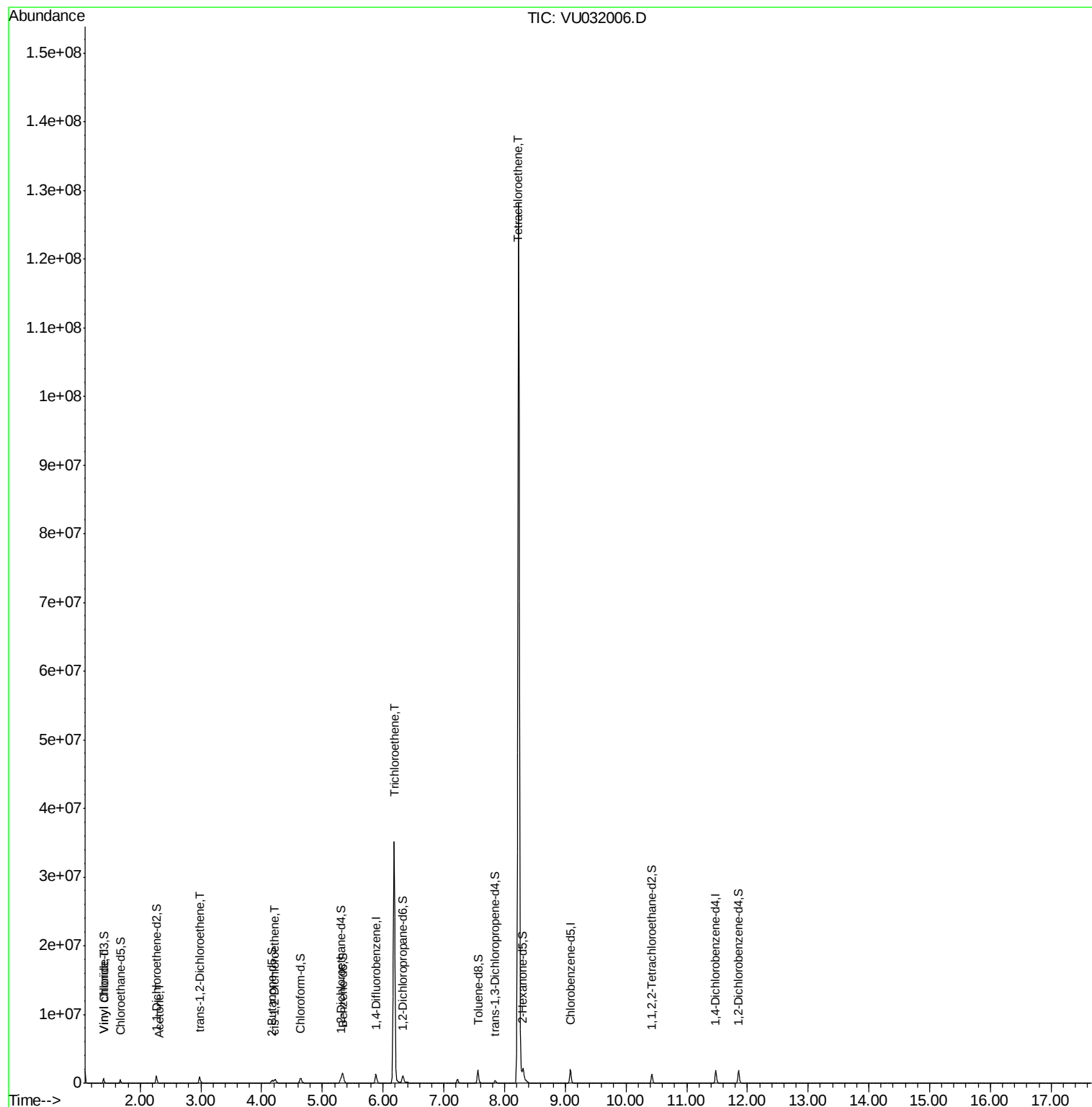
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051419\
Data File : VU032006.D
Acq On : 14 May 2019 19:47
Operator : JC/SP
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ALS Vial : 26 Sample Multiplier: 1

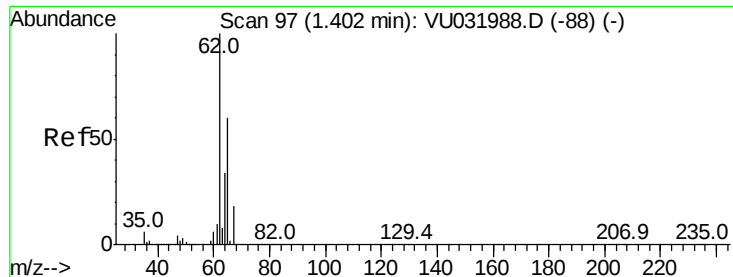
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.847 ug/L

RT: 1.40 min Scan# 97

Delta R.T. -0.00 min

Lab File: VU032006.D

Acq: 14 May 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

DB891

Tot Ion: 62 Resp: 60181

Ion Ratio Lower Upper

62 100

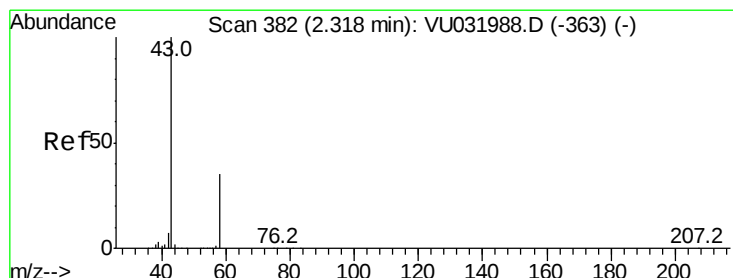
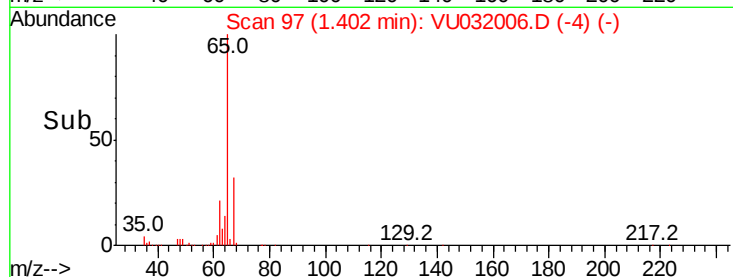
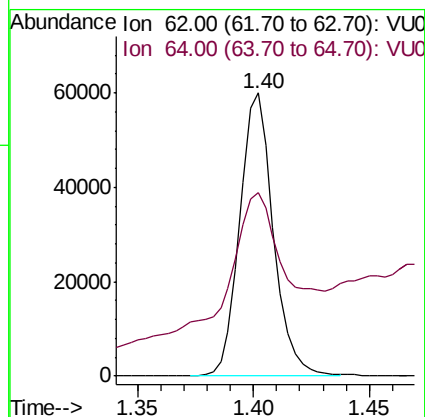
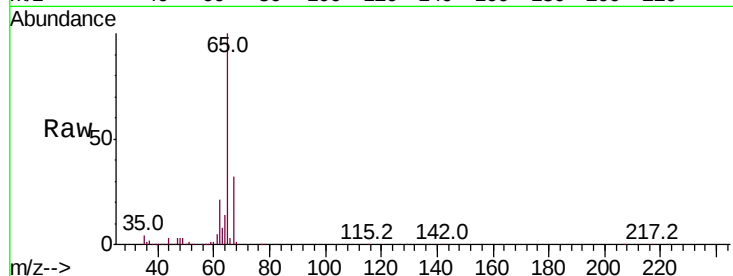
64 64.8 23.6 43.8#

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#13

Acetone

Concen: 4.139 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032006.D

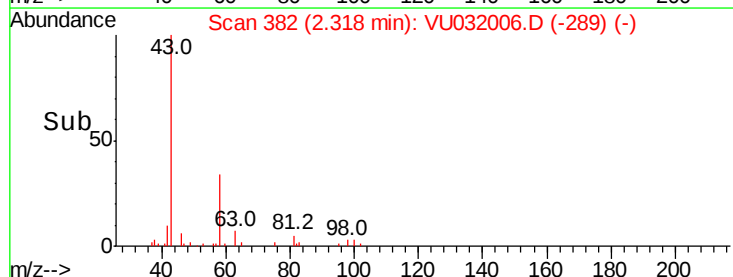
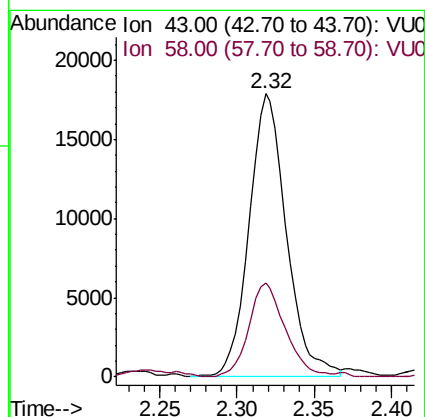
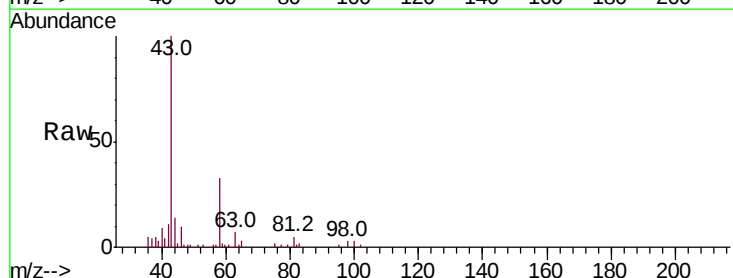
Acq: 14 May 2019 19:47

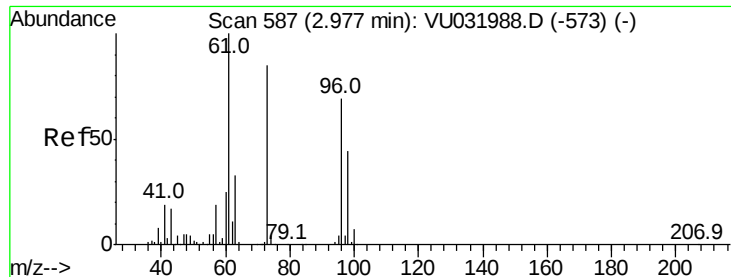
Tgt Ion: 43 Resp: 30141

Ion Ratio Lower Upper

43 100

58 32.3 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 41.716 ug/L

RT: 2.98 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU032006.D

Acq: 14 May 2019 19:47

Instrument :

MSVOA_U

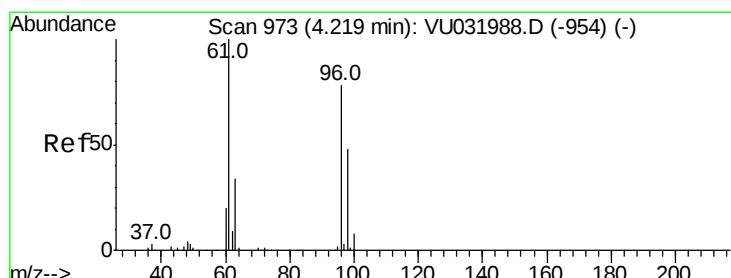
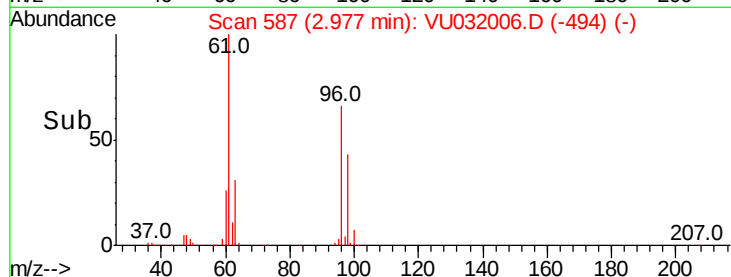
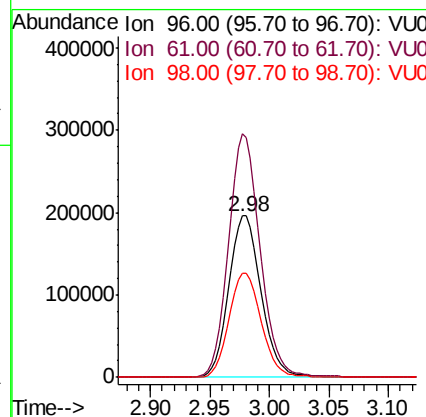
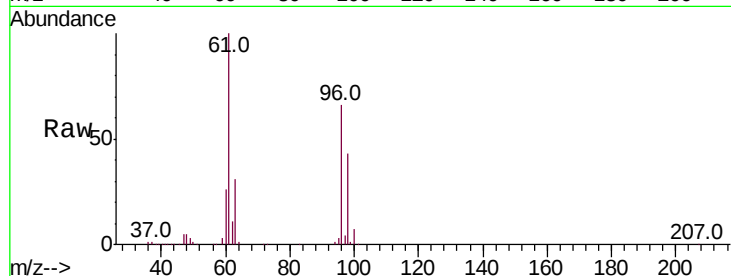
ClientSampled :

DB891

Tot Ion:	96	Resp:	369464
Ion	Ratio	Lower	Upper
96	100		
61	150.8	103.2	191.6
98	64.6	45.7	84.9

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#20

cis-1,2-Dichloroethene

Concen: 28.372 ug/L

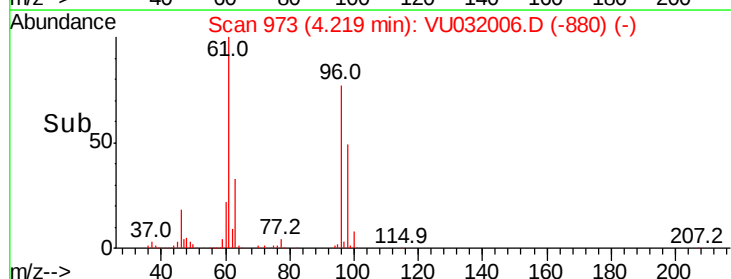
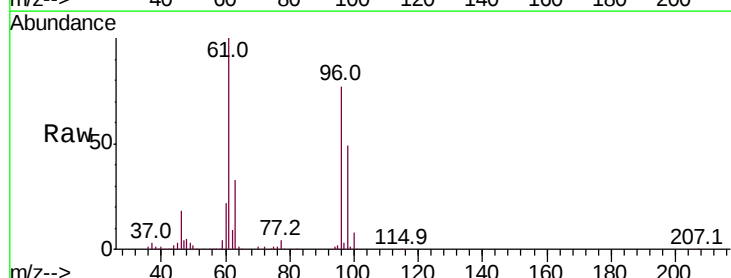
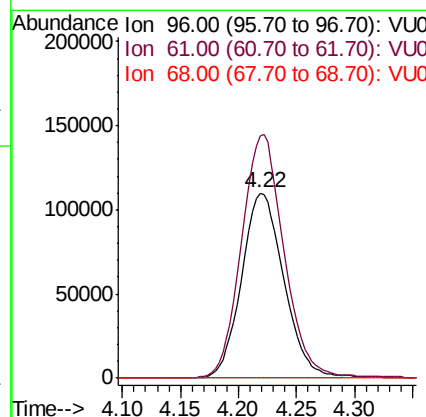
RT: 4.22 min Scan# 973

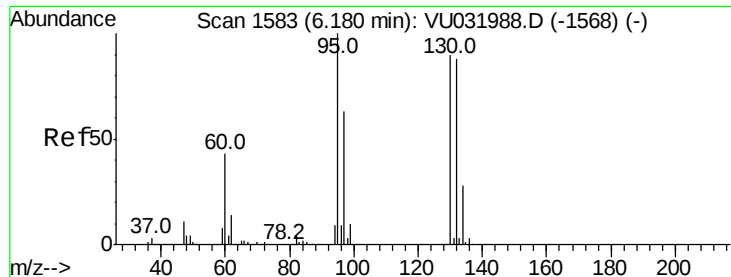
Delta R.T. -0.00 min

Lab File: VU032006.D

Acq: 14 May 2019 19:47

Tgt Ion:	96	Resp:	277951
Ion	Ratio	Lower	Upper
96	100		
61	130.5	93.0	172.8
68	0.0	0.0	0.0





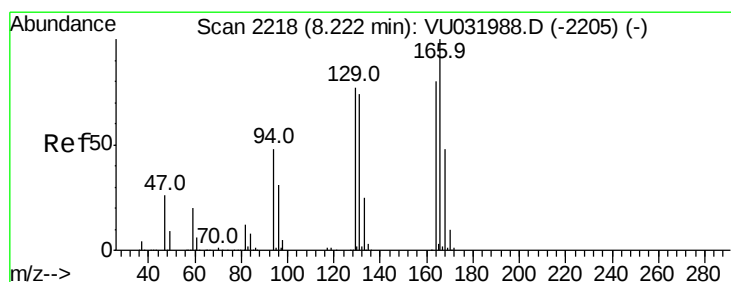
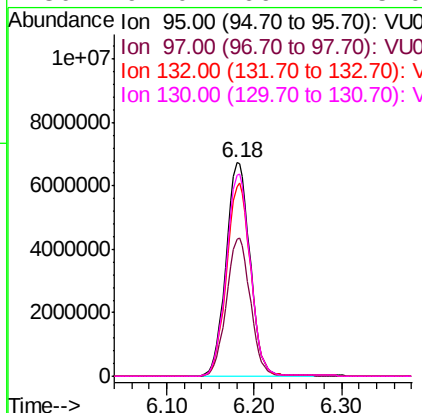
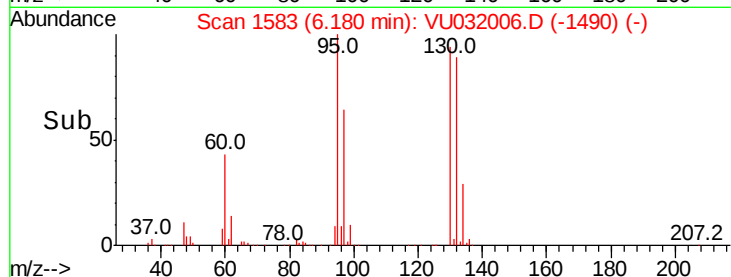
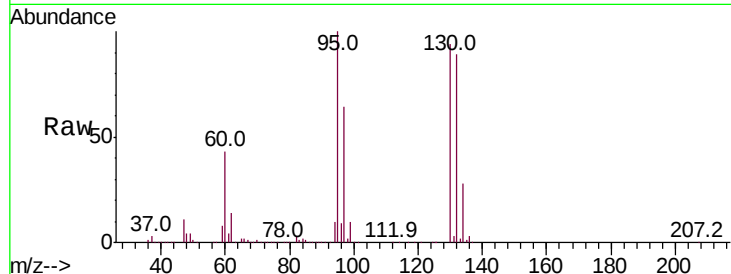
#34
 Trichloroethene
 Concen: 1362.555 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU032006.D
 Acq: 14 May 2019 19:47

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Tot Ion: 95 Resp:12909536
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.9 83.3
 132 88.9 63.5 117.9
 130 94.0 66.2 123.0

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#46
 Tetrachloroethene
 Concen: 3399.740 ug/L m
 RT: 8.22 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: VU032006.D
 Acq: 14 May 2019 19:47

Tgt Ion:164 Resp:22741669
 Ion Ratio Lower Upper
 164 100
 129 100.0 70.9 131.7
 131 97.3 67.4 125.2
 166 100.0 90.2 167.4

