

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
 Data File : VU030562.D
 Acq On : 29 Mar 2019 23:41
 Operator : JC/SP
 Sample : K2166-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A8

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 9:59:14 AM

Quant Time: Apr 01 13:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 02:12:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	425505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	409701	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156738	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142280	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.67	69	125961	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.82%
11) 1,1-Dichloroethene-d2	2.27	63	211548	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.14%
21) 2-Butanone-d5	4.17	46	324505	100.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.81%
24) Chloroform-d	4.64	84	280759	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.31	65	193448	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.34	84	548073	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.33	67	204755	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.88%
41) Toluene-d8	7.56	98	458418	43.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.88%
43) trans-1,3-Dichloropropene-	7.85	79	83074	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.90%
47) 2-Hexanone-d5	8.31	63	203224	93.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	281512	48.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	157288	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	6940	1.322 ug/L	98
13) Acetone	2.32	43	44786	13.757 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	6930	1.935 ug/L	87
22) 2-Butanone	4.28	43	12253m	3.114 ug/L	
34) Trichloroethene	6.19	95	21488	6.267 ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	3416	1.025 ug/L	90
70) 1,2,3-Trichlorobenzene	13.99	180	5467m	1.553 ug/L	

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

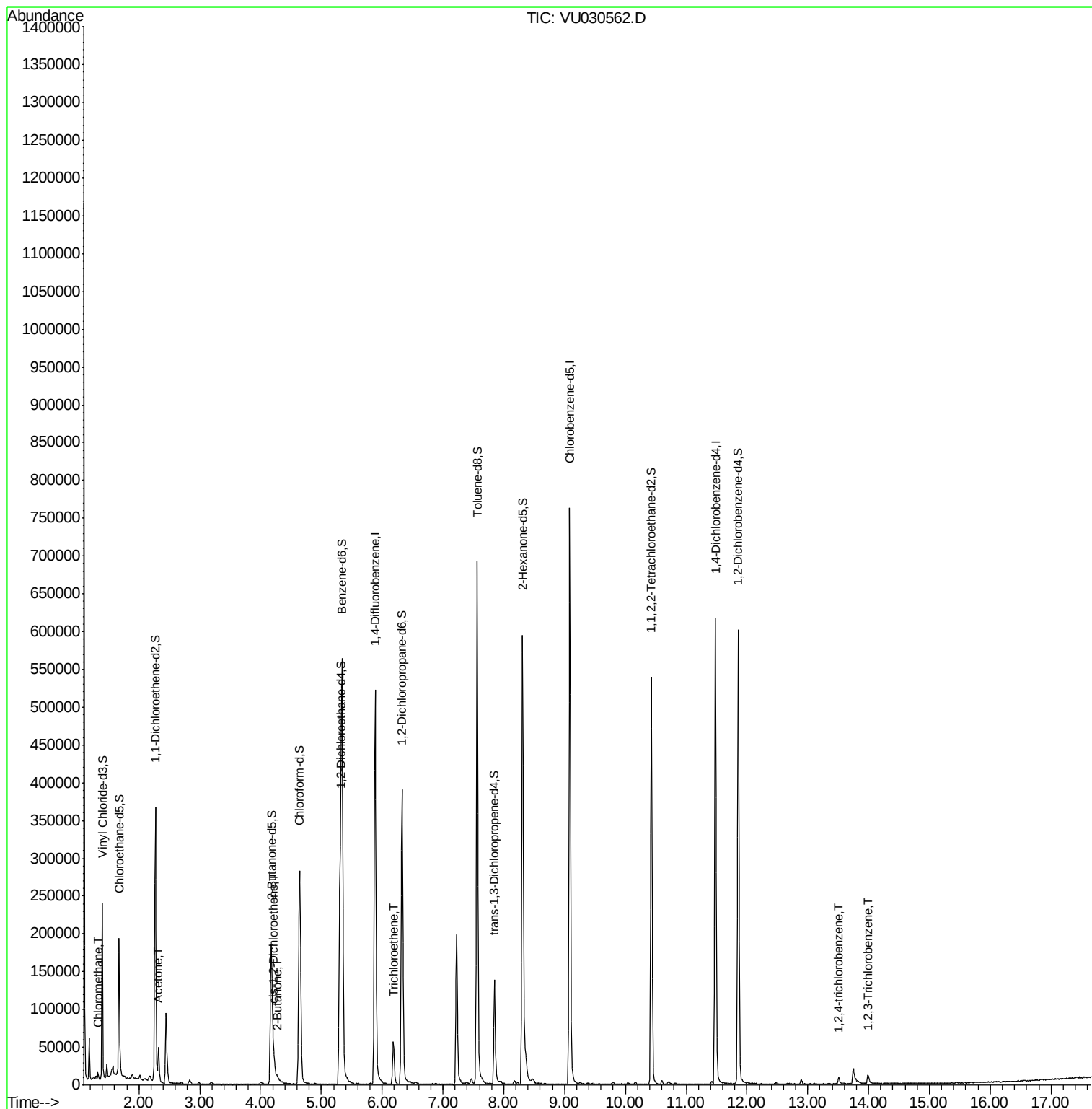
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
Data File : VU030562.D
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ALS Vial : 20 Sample Multiplier: 1

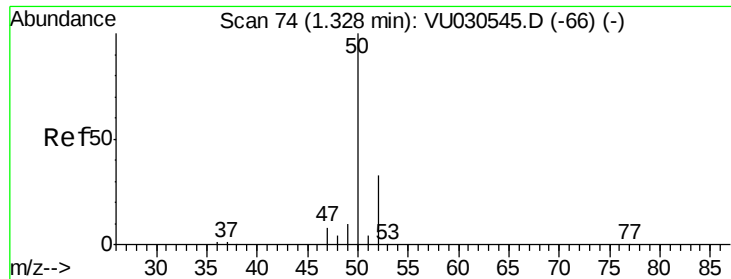
Instrument :
MSVOA_U
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Quant Time: Apr 01 13:55:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 02:12:04 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.322 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU030562.D

Acq: 29 Mar 2019 23:41

Instrument :

MSVOA_U

ClientSampleId :

BF1A8

Tgt Ion: 50 Resp: 6940

Ion Ratio Lower Upper

50 100

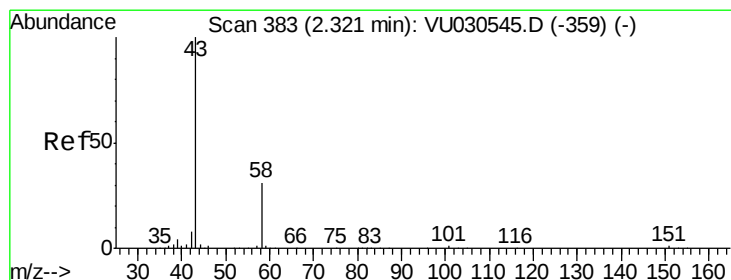
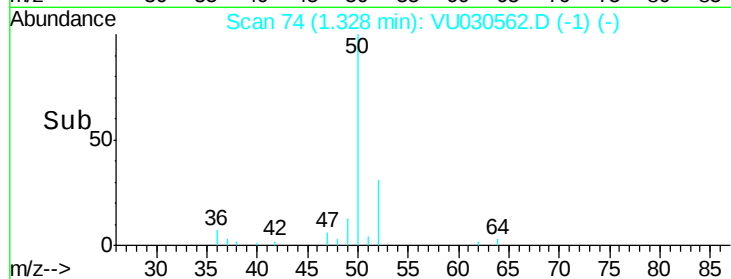
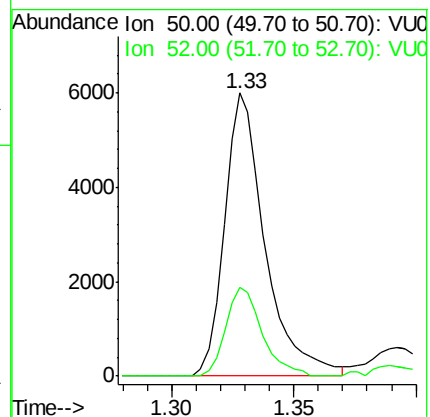
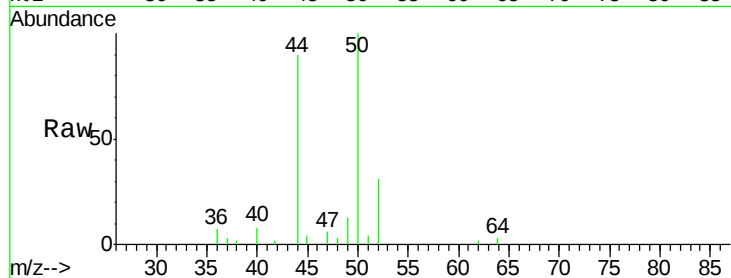
52 31.4 23.0 42.6

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#13

Acetone

Concen: 13.757 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030562.D

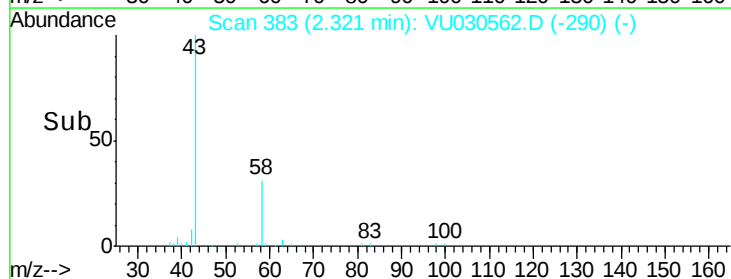
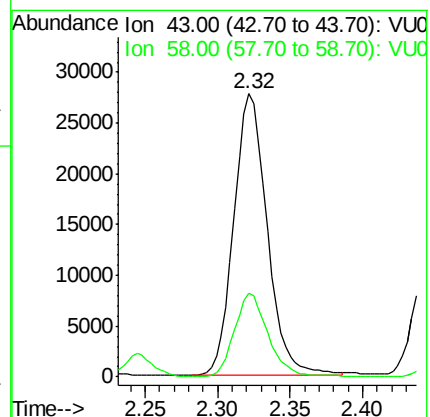
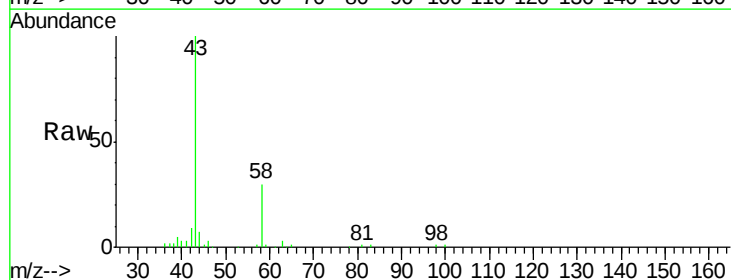
Acq: 29 Mar 2019 23:41

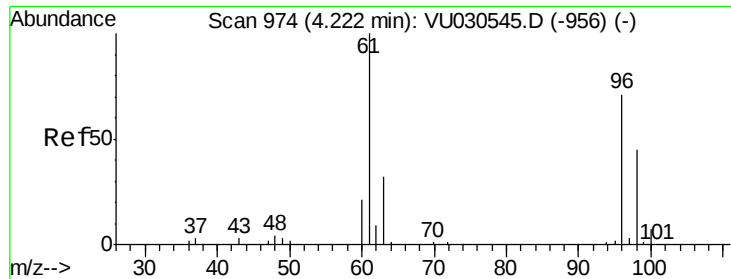
Tgt Ion: 43 Resp: 44786

Ion Ratio Lower Upper

43 100

58 29.5 0.0 62.8





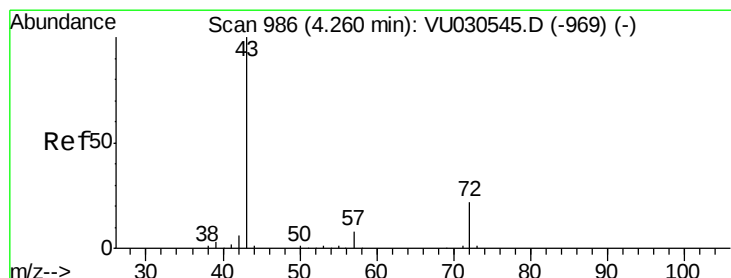
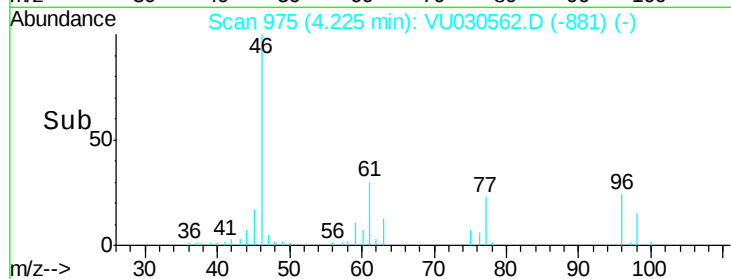
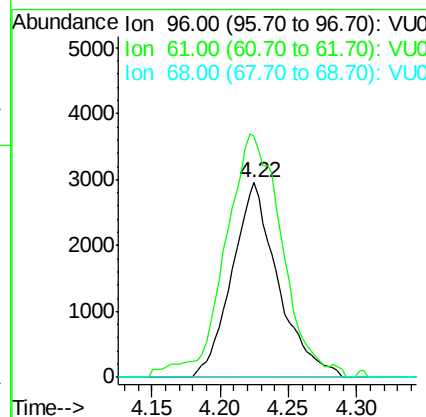
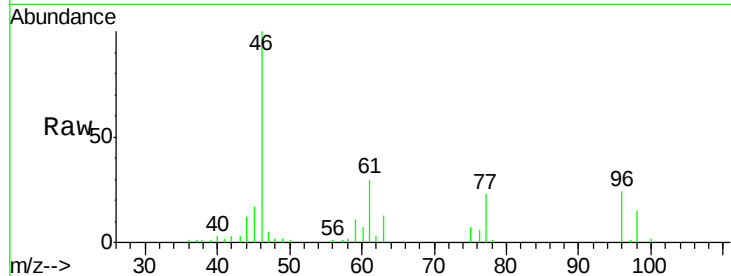
#20
 cis-1,2-Dichloroethene
 Concen: 1.935 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: VU030562.D
 Acq: 29 Mar 2019 23:41

Instrument :
 MSVOA_U
 ClientSampled :
 BF1A8

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.3	98.4	182.8
68	0.0	0.0	0.0

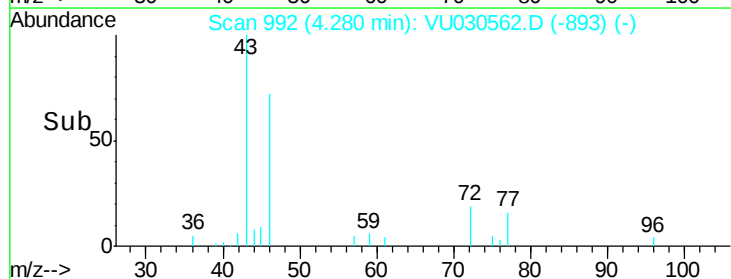
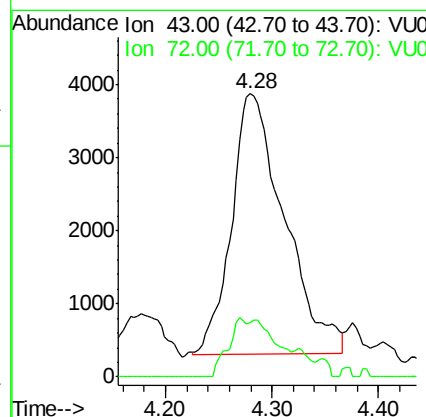
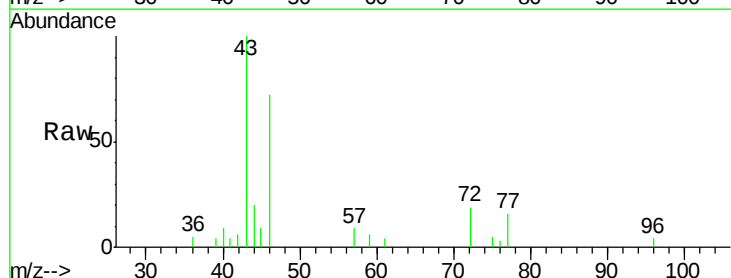
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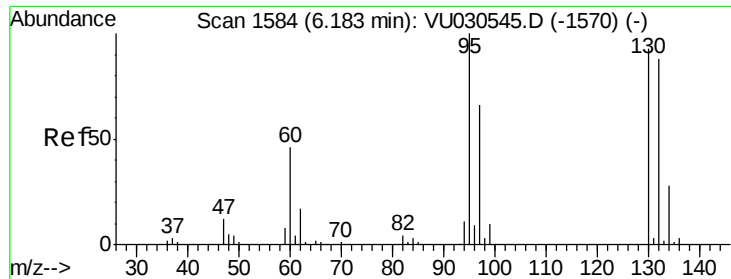
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#22
 2-Butanone
 Concen: 3.114 ug/L m
 RT: 4.28 min Scan# 992
 Delta R.T. 0.02 min
 Lab File: VU030562.D
 Acq: 29 Mar 2019 23:41

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.6	12.0	36.1#





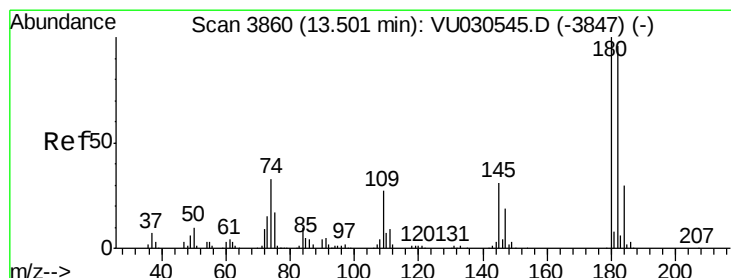
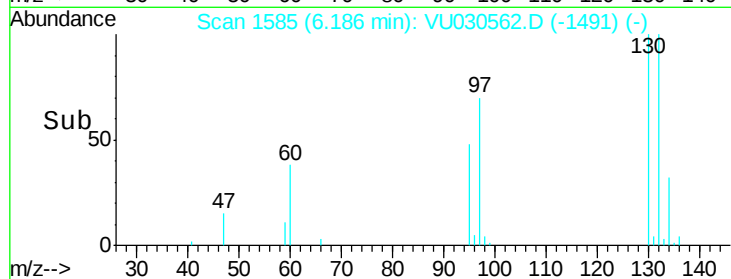
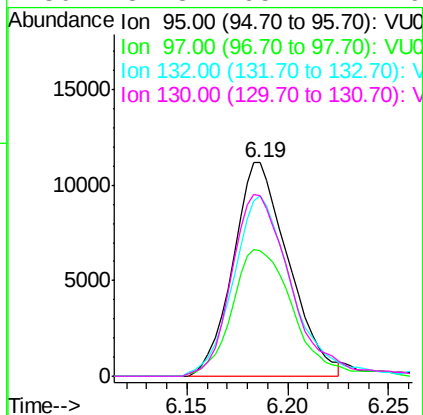
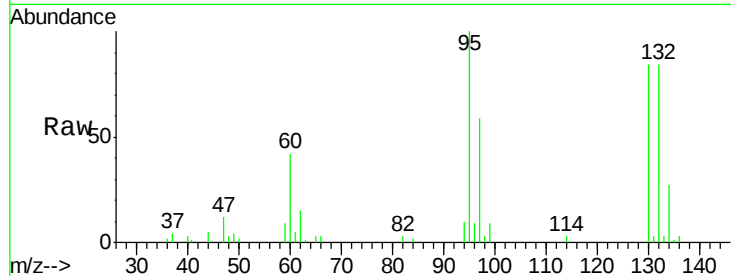
#34
 Trichloroethene
 Concen: 6.267 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VU030562.D
 Acq: 29 Mar 2019 23:41

Instrument :
 MSVOA_U
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 BF1A8

Tgt Ion	Ratio	Lower	Upper
95	100		
97	58.6	45.7	84.9
132	84.3	63.8	118.4
130	84.3	65.7	121.9

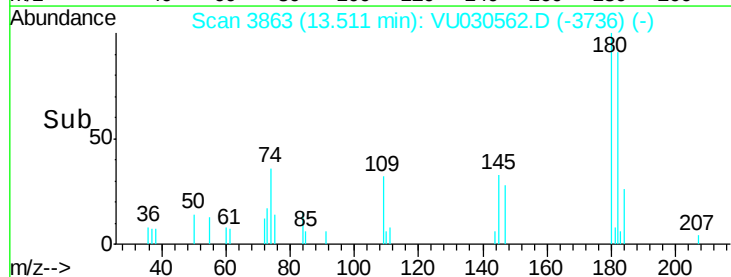
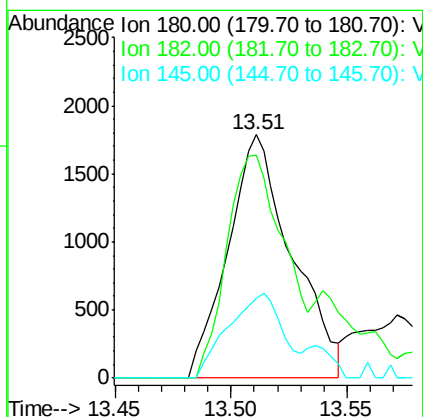
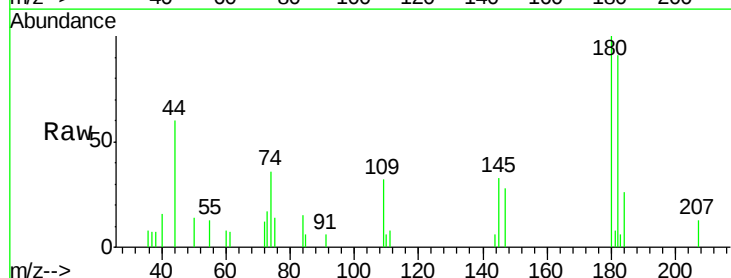
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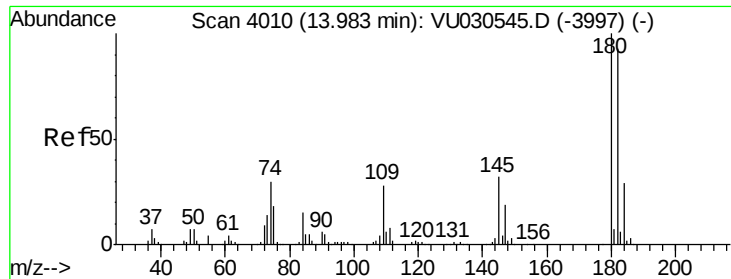
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#68
 1,2,4-trichlorobenzene
 Concen: 1.025 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030562.D
 Acq: 29 Mar 2019 23:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	83.3	76.1	114.1
145	29.9	24.5	36.7





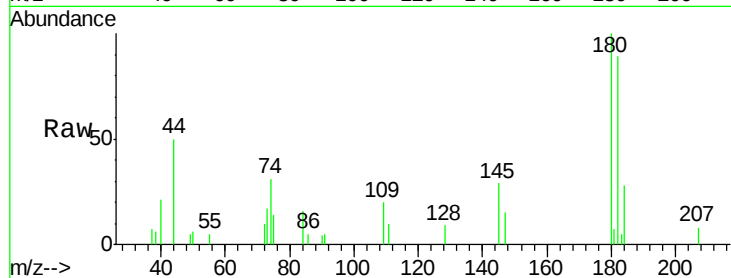
#70
 1,2,3-Trichlorobenzene
 Concen: 1.553 ug/L m
 RT: 13.99 min Scan# 4011
 Delta R.T. 0.00 min
 Lab File: VU030562.D
 Acq: 29 Mar 2019 23:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A8

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	77.4	116.2
145	15.9	25.9	38.9

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Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

