

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033462.D
 Acq On : 26 Jul 2019 18:36
 Operator : JC/SP
 Sample : K3976-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C99

Quant Time: Jul 27 05:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:57:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	252644	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	254070	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	108841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111995	58.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.12%
7) Chloroethane-d5	1.67	69	100547	61.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.08%
11) 1,1-Dichloroethene-d2	2.25	63	153184	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.32%
21) 2-Butanone-d5	4.15	46	143414	118.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.35%
24) Chloroform-d	4.62	84	174588	54.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.94%
26) 1,2-Dichloroethane-d4	5.29	65	123691	60.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.34%
32) Benzene-d6	5.32	84	378695	60.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.52%
36) 1,2-Dichloropropane-d6	6.31	67	119238	59.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.44%
41) Toluene-d8	7.55	98	334326	56.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.76%
43) trans-1,3-Dichloropropene-	7.83	79	52317	53.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.88%
47) 2-Hexanone-d5	8.29	63	102360	113.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176922	58.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	124561	64.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.34%#

Target Compounds

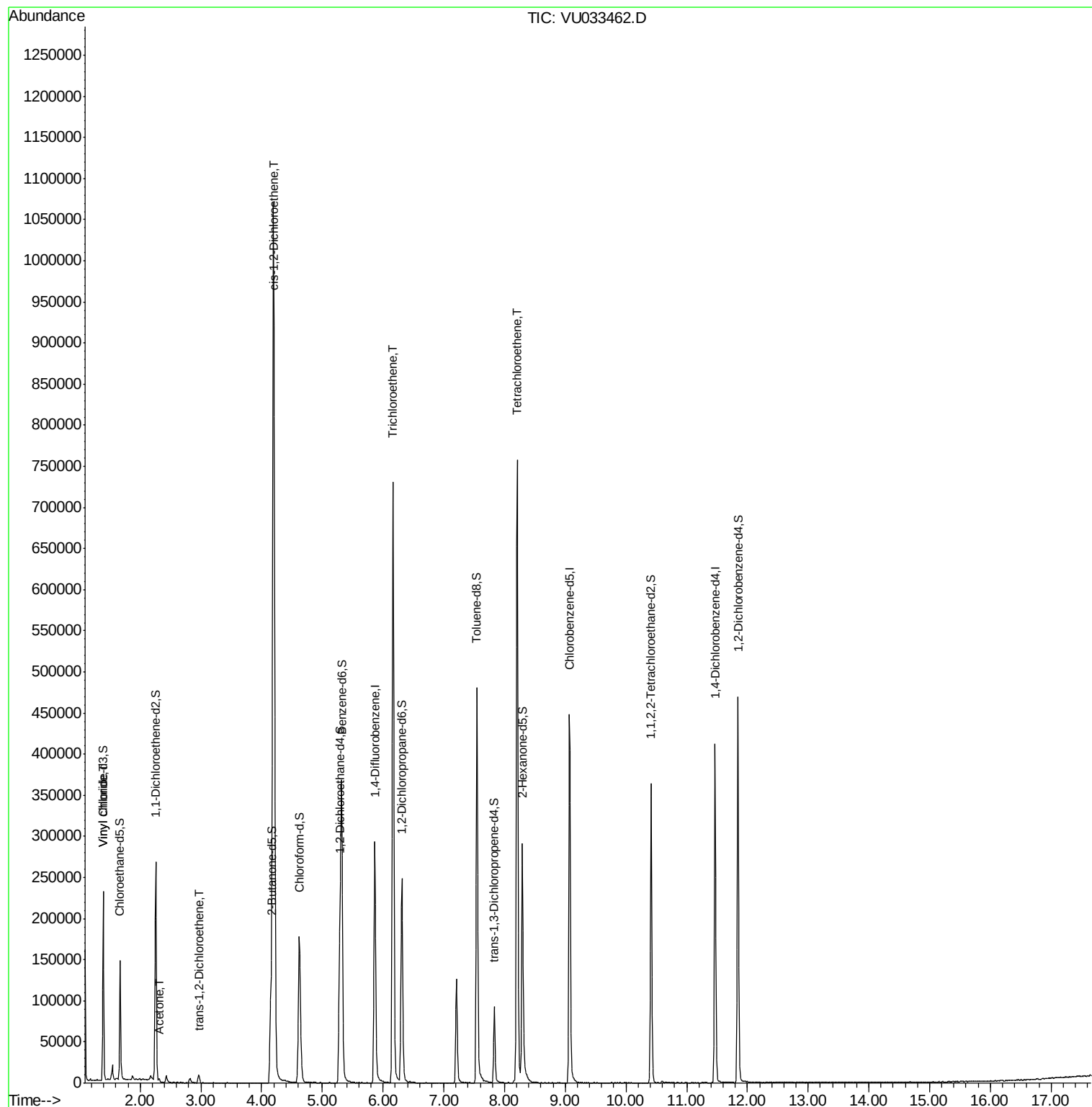
					Ovalue
5) Vinyl chloride	1.40	62	44441	15.588	ug/L 96
13) Acetone	2.31	43	2902	1.917	ug/L 87
17) trans-1,2-Dichloroethene	2.97	96	4060	2.330	ug/L 90
20) cis-1,2-Dichloroethene	4.20	96	601031	305.735	ug/L 100
34) Trichloroethene	6.16	95	249780	128.902	ug/L 98
46) Tetrachloroethene	8.21	164	169405	112.931	ug/L 98

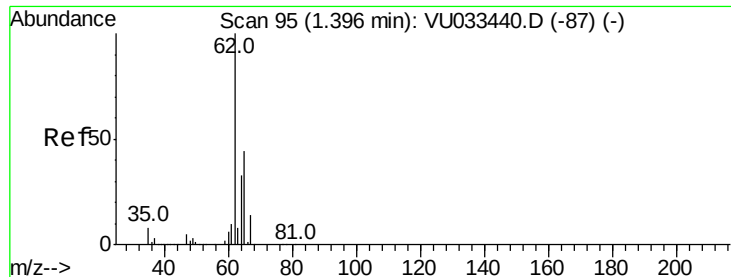
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 01:57:42 2019
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#5

Vinyl chloride

Concen: 15.588 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Acq: 26 Jul 2019 18:36

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ClientSampleId :

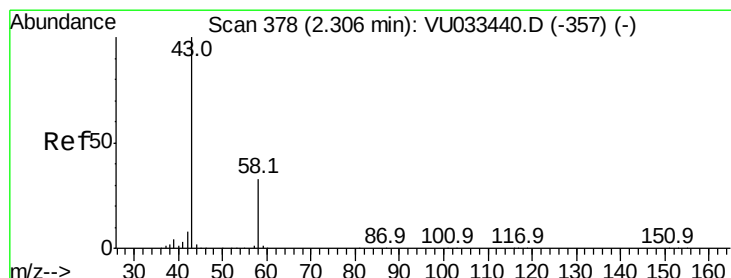
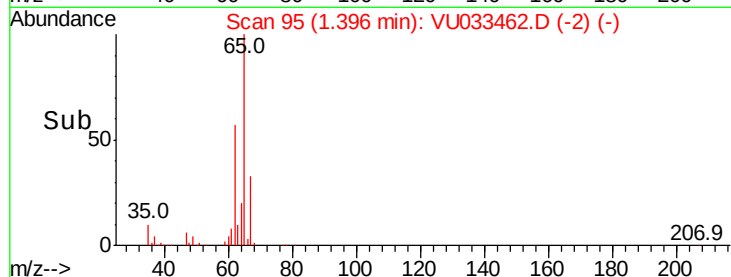
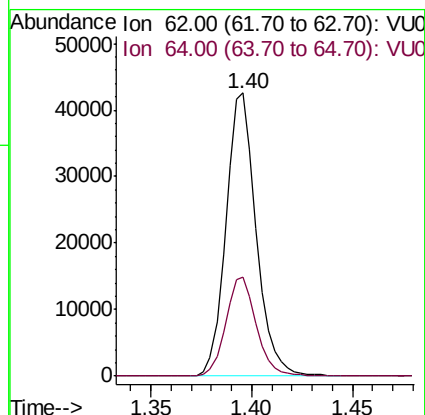
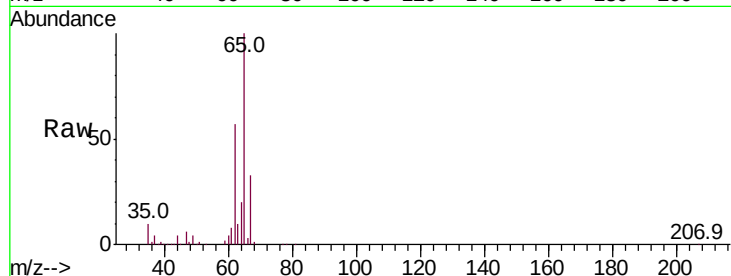
C0C99

Tot Ion: 62 Resp: 44441

Ion Ratio Lower Upper

62 100

64 34.9 22.7 42.3



#13

Acetone

Concen: 1.917 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033462.D

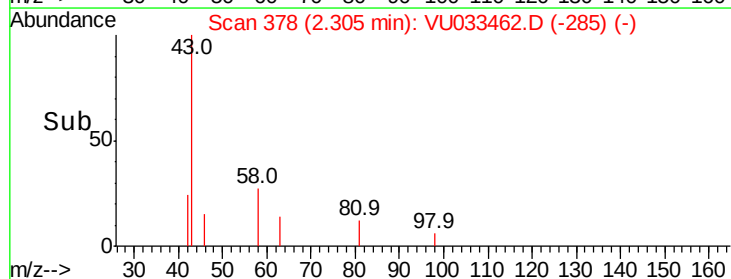
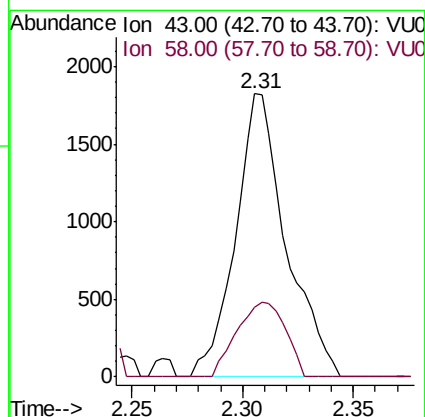
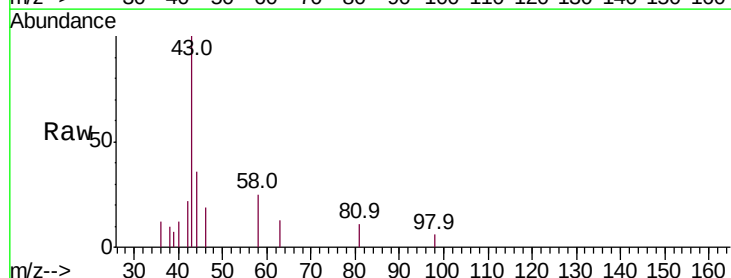
Acq: 26 Jul 2019 18:36

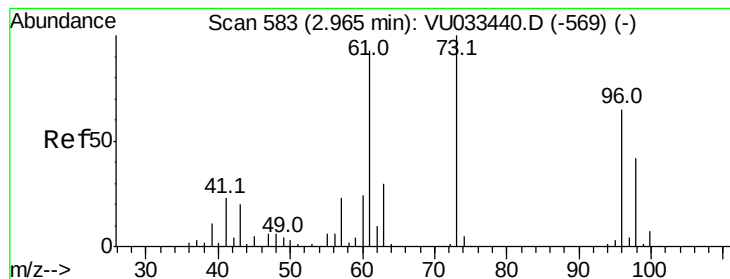
Tgt Ion: 43 Resp: 2902

Ion Ratio Lower Upper

43 100

58 25.5 0.0 65.4





#17

trans-1,2-Dichloroethene

Concen: 2.330 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033462.D

Acq: 26 Jul 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

C0C99

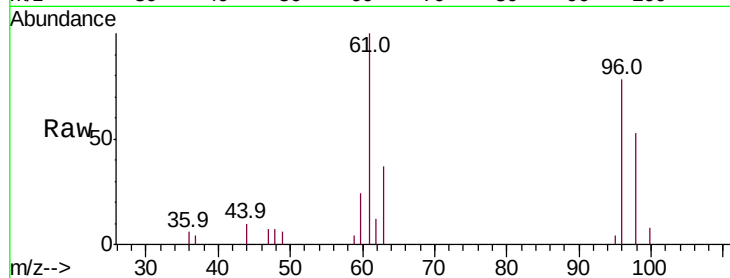
Tot Ion: 96 Resp: 4060

Ion Ratio Lower Upper

96 100

61 128.1 100.2 186.2

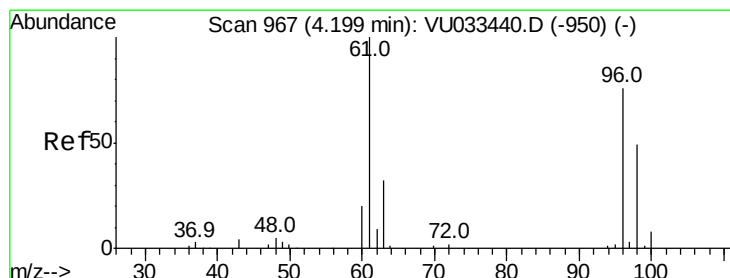
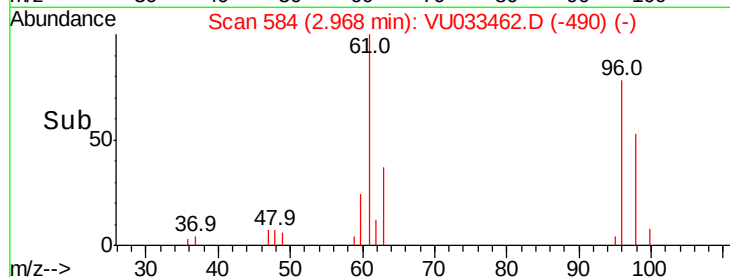
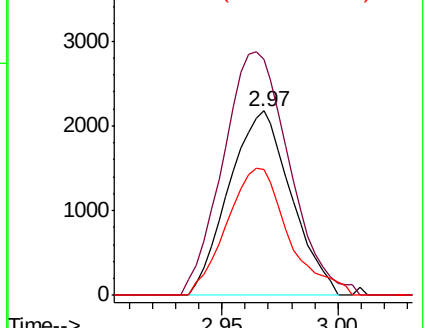
98 68.2 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VU033440.D (-569) (-)

Ion 61.00 (60.70 to 61.70): VU033440.D (-569) (-)

Ion 98.00 (97.70 to 98.70): VU033440.D (-569) (-)



#20

cis-1,2-Dichloroethene

Concen: 305.735 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033462.D

Acq: 26 Jul 2019 18:36

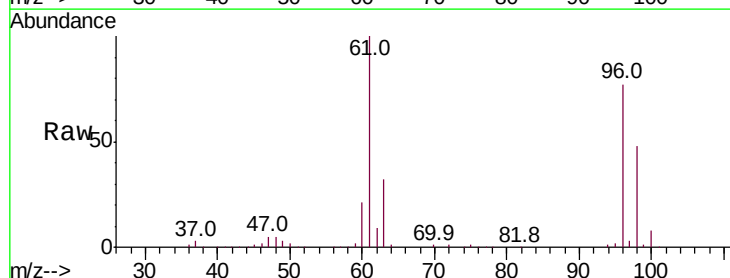
Tgt Ion: 96 Resp: 601031

Ion Ratio Lower Upper

96 100

61 130.5 91.1 169.1

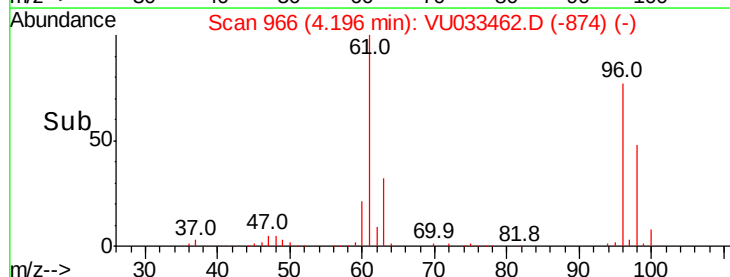
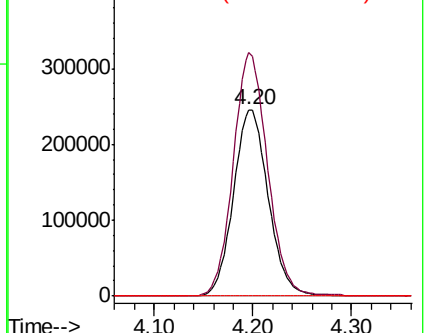
68 0.0 0.0 0.0

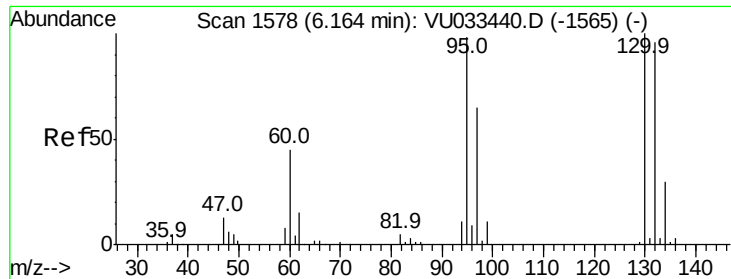


Abundance Ion 96.00 (95.70 to 96.70): VU033440.D (-950) (-)

Ion 61.00 (60.70 to 61.70): VU033440.D (-950) (-)

Ion 68.00 (67.70 to 68.70): VU033440.D (-950) (-)

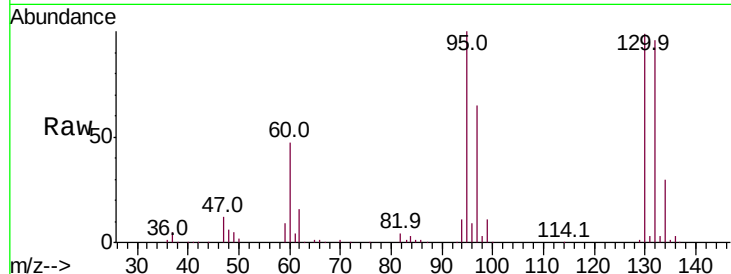




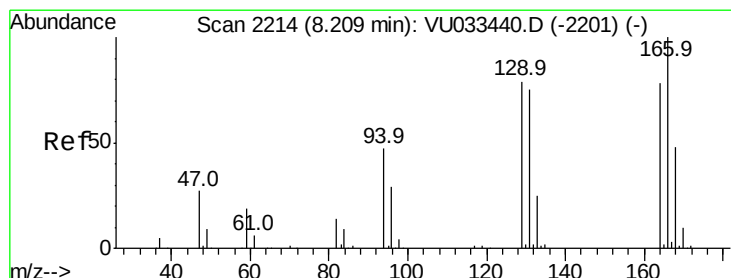
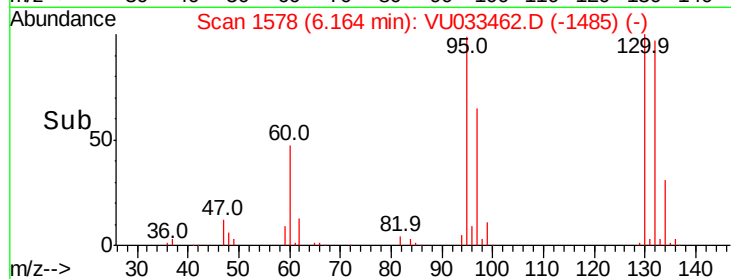
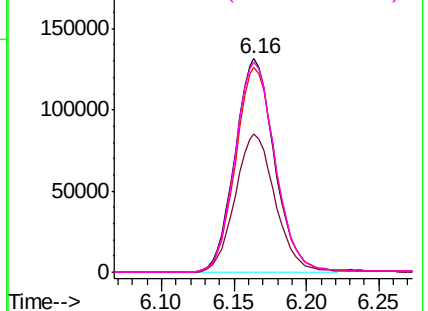
#34
 Trichloroethene
 Concen: 128.902 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033462.D
 Acq: 26 Jul 2019 18:36

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 C0C99

Tot Ion: 95 Resp: 249780
 Ion Ratio Lower Upper
 95 100
 97 64.5 43.8 81.4
 132 96.1 65.5 121.6
 130 98.6 69.7 129.5

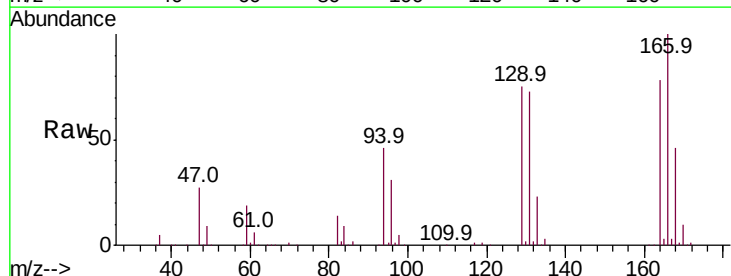


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 112.931 ug/L
 RT: 8.21 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VU033462.D
 Acq: 26 Jul 2019 18:36

Tgt Ion: 164 Resp: 169405
 Ion Ratio Lower Upper
 164 100
 129 95.6 69.6 129.2
 131 93.8 65.7 122.1
 166 127.9 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

