

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU052319\
 Data File : VU032267.D
 Acq On : 23 May 2019 14:25
 Operator : JC/SP
 Sample : K3001-06DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF1DL

Quant Time: May 29 07:54:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 24 01:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	359814	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	362618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	101578	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	88059	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	157319	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.20	46	225294	39.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.06%
24) Chloroform-d	4.64	84	199843	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.31	65	100520	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
32) Benzene-d6	5.33	84	410122	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.33	67	120349	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.00%
41) Toluene-d8	7.56	98	336163	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	7.85	79	38979	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.31	63	187342	38.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	102006	3.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	125645	3.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.60%#

Target Compounds

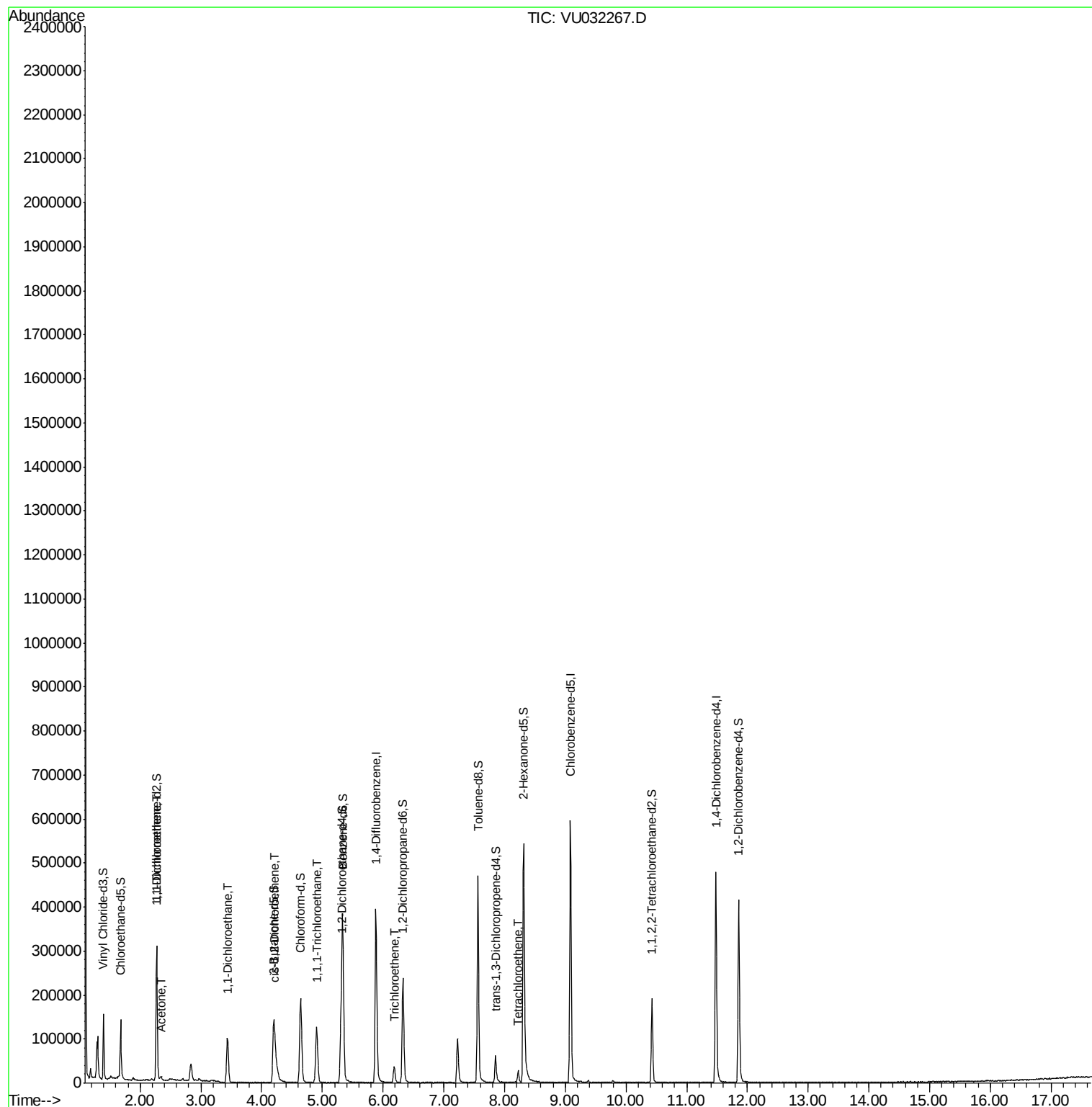
					Ovalue
12) 1,1-Dichloroethene	2.28	96	14278	1.115 ug/L #	1
13) Acetone	2.34	43	4390	2.486 ug/L	66
19) 1,1-Dichloroethane	3.44	63	105550	4.972 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	9806	0.731 ug/L	93
29) 1,1,1-Trichloroethane	4.91	97	101464	5.391 ug/L	98
34) Trichloroethene	6.18	95	13472	1.023 ug/L	92
47) Tetrachloroethene	8.22	164	6806	0.626 ug/L	86

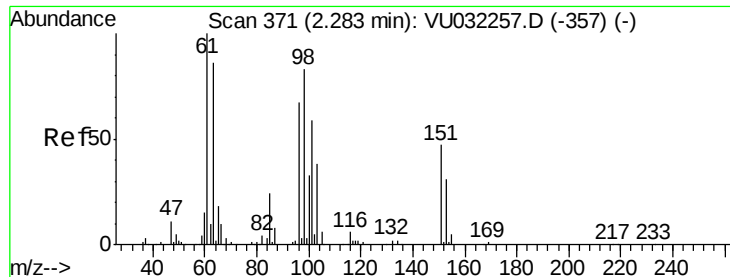
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.115 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU032267.D

Acq: 23 May 2019 14:25

Instrument :
MSVOA_U
ClientSampleId :
E3YF1DL

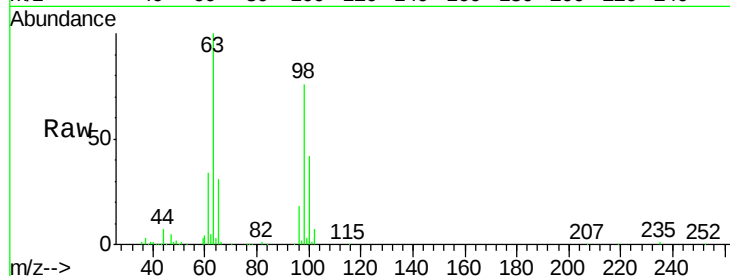
Tot Ion: 96 Resp: 14278

Ion Ratio Lower Upper

96 100

61 187.7 113.8 211.3

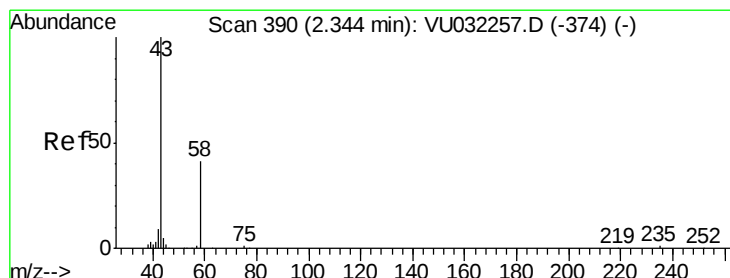
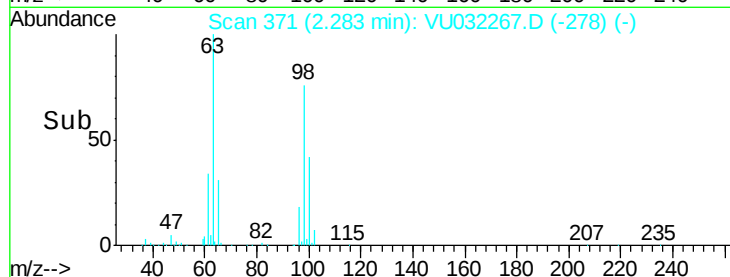
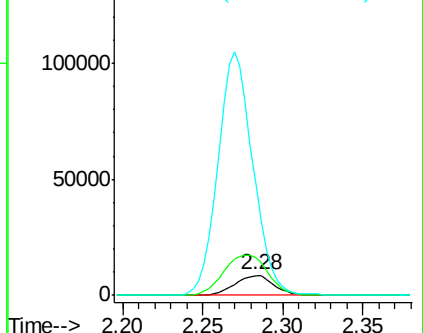
63 547.7 108.8 202.2#



Abundance Ion 96.00 (95.70 to 96.70): VU032267.D (-278) (-)

Ion 61.05 (60.75 to 61.75): VU032267.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU032267.D (-278) (-)



#13

Acetone

Concen: 2.486 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU032267.D

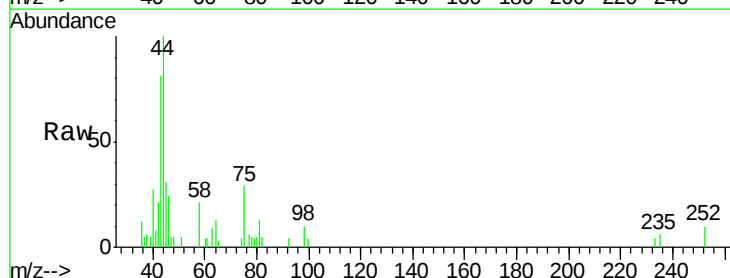
Acq: 23 May 2019 14:25

Tgt Ion: 43 Resp: 4390

Ion Ratio Lower Upper

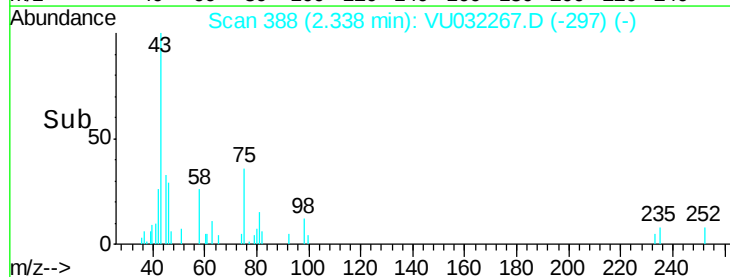
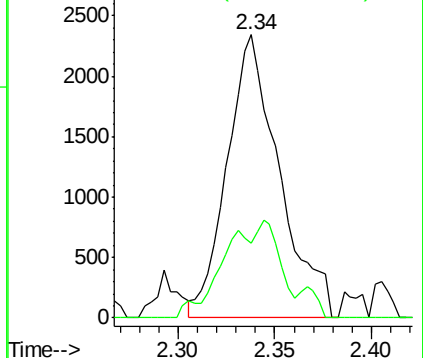
43 100

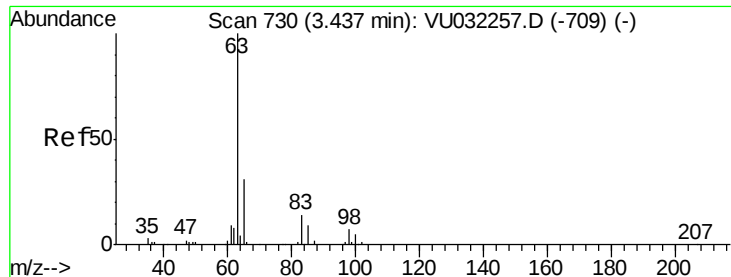
58 16.5 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032267.D (-297) (-)

Ion 58.05 (57.75 to 58.75): VU032267.D (-297) (-)

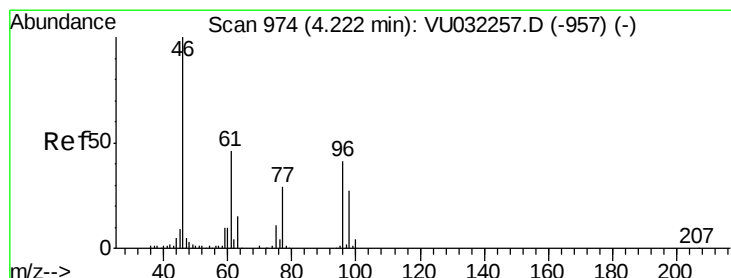
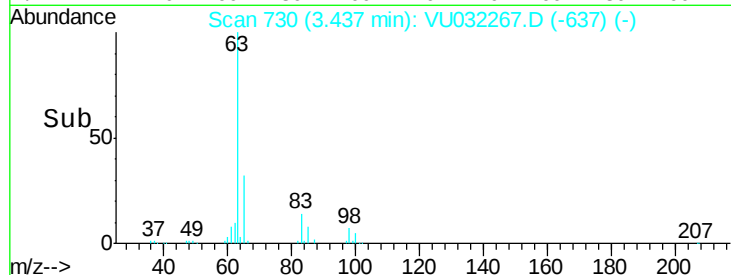
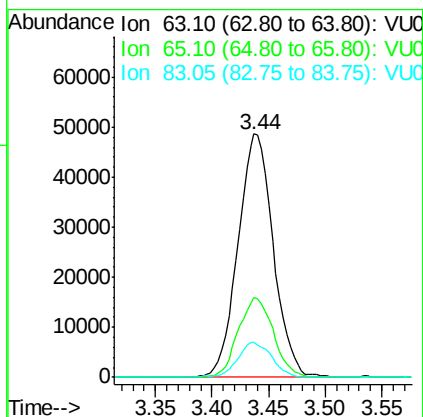
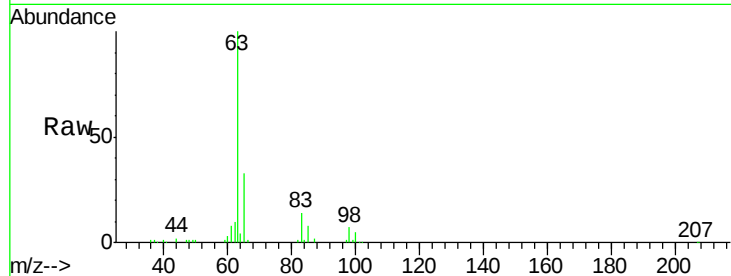




#19
 1,1-Dichloroethane
 Concen: 4.972 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU032267.D
 Acq: 23 May 2019 14:25

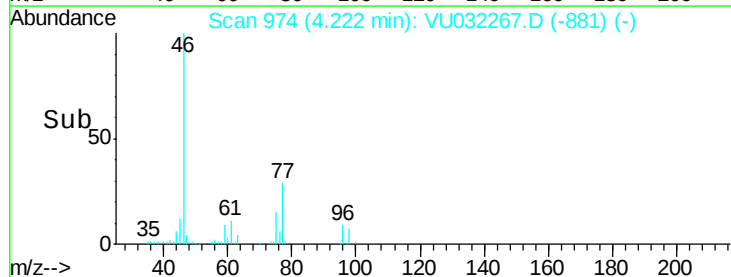
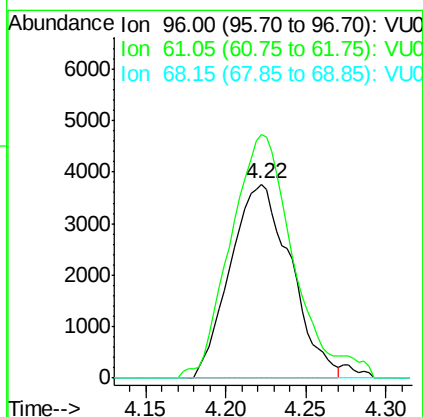
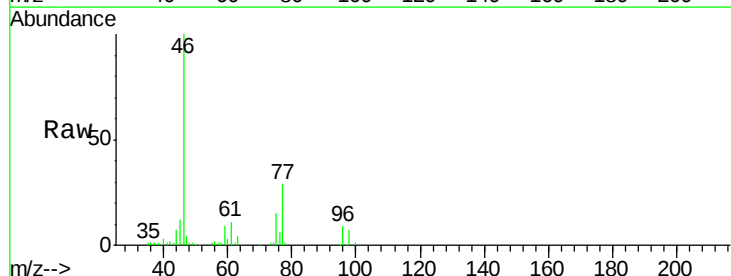
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 MSVOA_U
 ClientSampleId :
 E3YF1DL

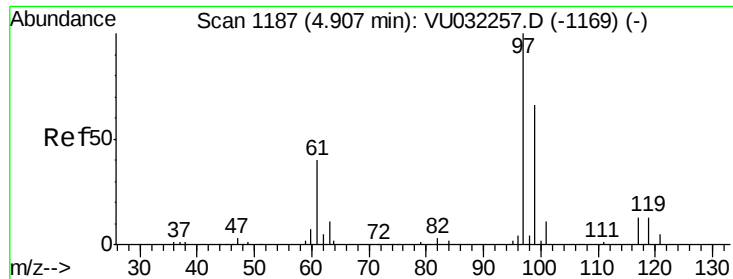
Tot Ion: 63 Resp: 105550
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.5 43.7
 83 14.2 8.8 16.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.731 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU032267.D
 Acq: 23 May 2019 14:25

Tgt Ion: 96 Resp: 9806
 Ion Ratio Lower Upper
 96 100
 61 125.4 82.5 153.1
 68 0.0 0.0 0.0

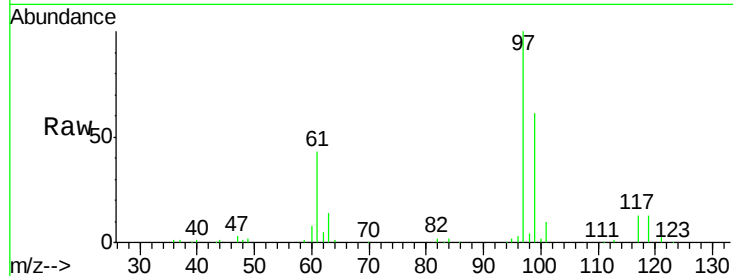




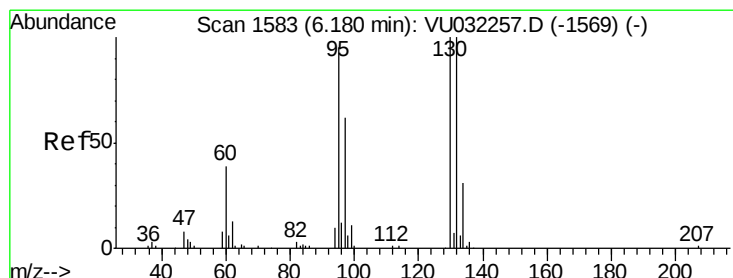
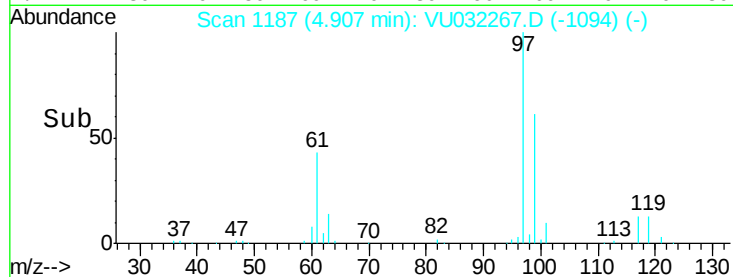
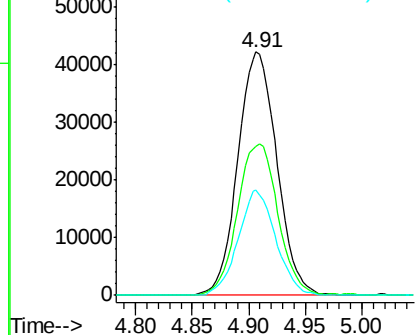
#29
 1,1,1-Trichloroethane
 Concen: 5.391 ug/L
 RT: 4.91 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: VU032267.D
 Acq: 23 May 2019 14:25

Instrument :
 MSVOA_U
 ClientSampled :
 E3YF1DL

Tot Ion: 97 Resp: 101464
 Ion Ratio Lower Upper
 97 100
 99 64.5 50.3 75.5
 61 41.4 34.1 51.1

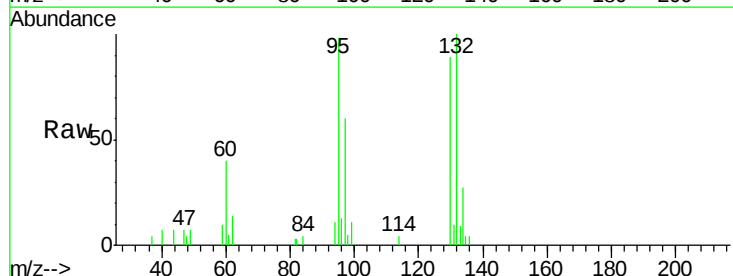


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

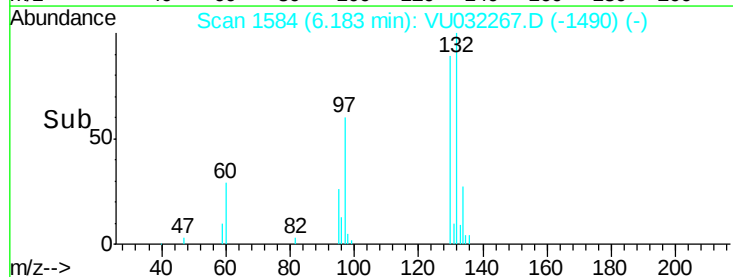
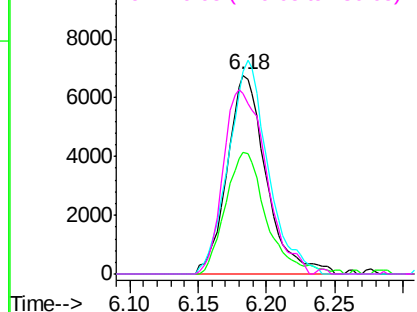


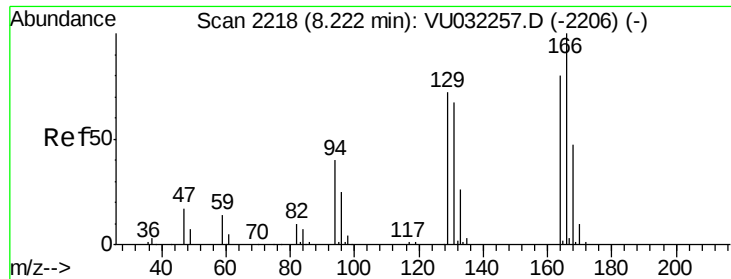
#34
 Trichloroethene
 Concen: 1.023 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032267.D
 Acq: 23 May 2019 14:25

Tgt Ion: 95 Resp: 13472
 Ion Ratio Lower Upper
 95 100
 97 61.4 39.9 74.1
 132 102.0 65.9 122.5
 130 91.1 70.6 131.2



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: 0.626 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032267.D

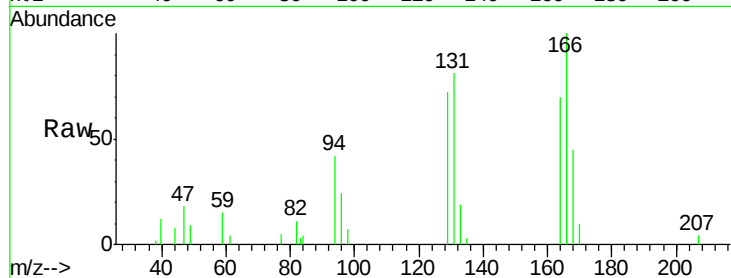
Acq: 23 May 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

E3YF1DL



Tot Ion:164 Resp: 6806

Ion Ratio Lower Upper

164 100

129 102.8 67.1 124.7

131 115.1 62.2 115.4

166 142.0 90.9 168.9

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

