

Data File : VU032034.D
Acq On : 15 May 2019 16:09
Operator : JC/SP
Sample : K2738-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB896

Quant Time: May 16 04:29:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1087627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1071409	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	411340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	358245	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.08%
7) Chloroethane-d5	1.67	69	307175	39.75	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.50%
11) 1,1-Dichloroethene-d2	2.27	63	522099	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	4.17	46	612568	91.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.64	84	668635	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
26) 1,2-Dichloroethane-d4	5.31	65	442802	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
32) Benzene-d6	5.33	84	1433851	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.32	67	478731	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.56%
41) Toluene-d8	7.56	98	1228784	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.85	79	195000	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.31	63	399718	96.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	661249	43.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	423793	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%

Target Compounds

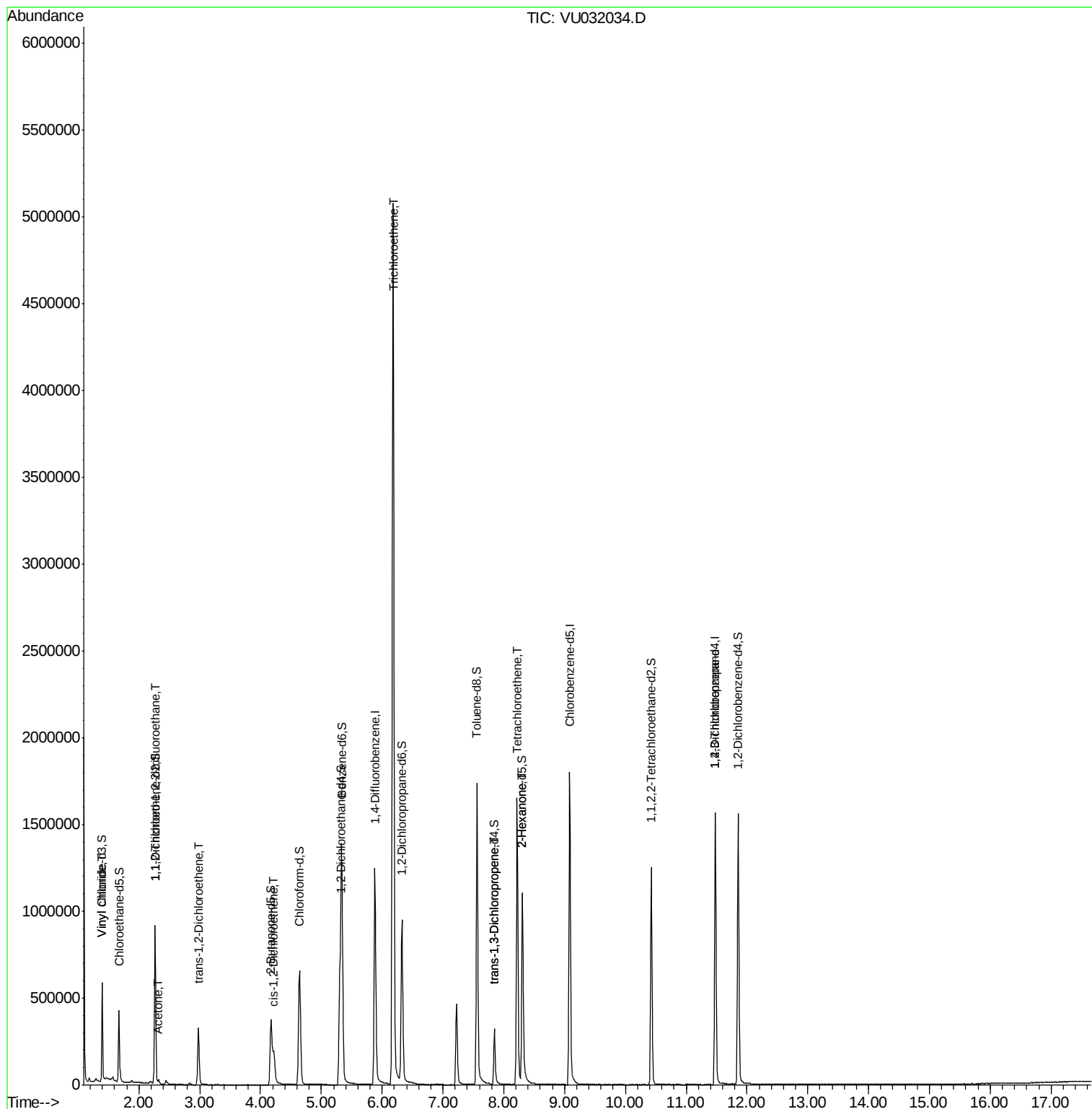
					Qvalue
5) Vinyl chloride	1.40	62	19438	1.659 ug/L #	5
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4664	0.576 ug/L #	22
13) Acetone	2.32	43	21425	3.118 ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	133015	15.918 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	84654	9.159 ug/L	98
34) Trichloroethene	6.18	95	1861222	214.148 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	6827	0.581 ug/L	91
46) Tetrachloroethene	8.22	164	382479	62.331 ug/L	98
48) 2-Hexanone	8.31	43	44350	4.273 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	53563	4.356 ug/L	95

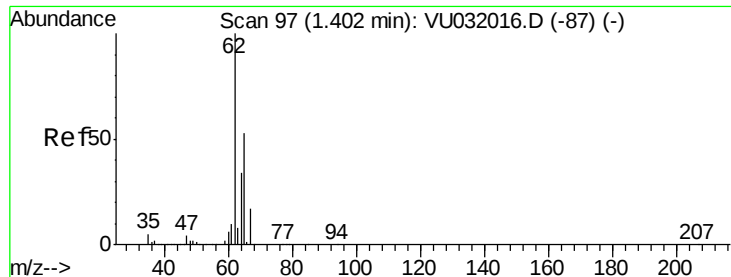
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032034.D
Acq On : 15 May 2019 16:09
Operator : JC/SP
Sample : K2738-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB896

Quant Time: May 16 04:29:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.659 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

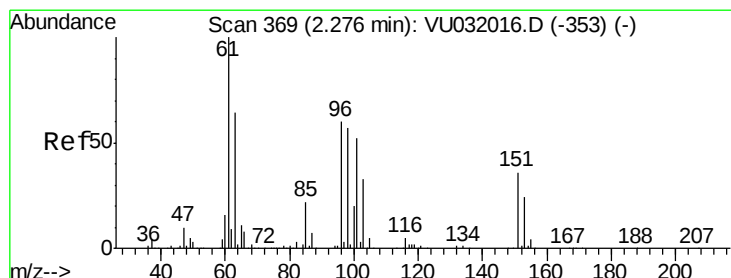
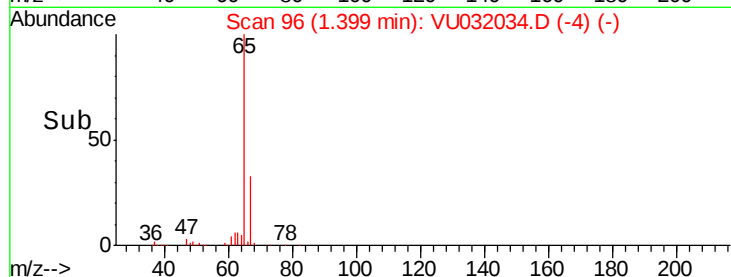
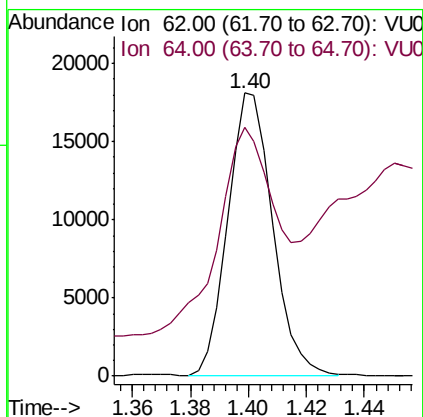
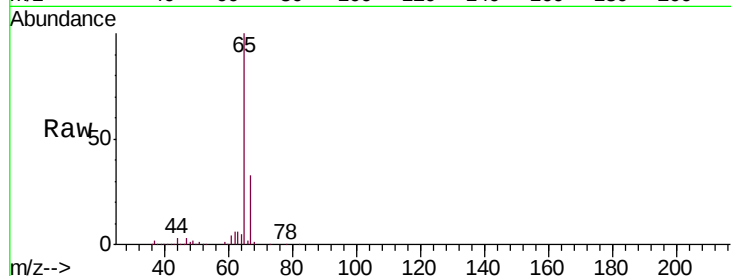
DB896

Tgt Ion: 62 Resp: 19438

Ion Ratio Lower Upper

62 100

64 87.8 23.6 43.8#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.576 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

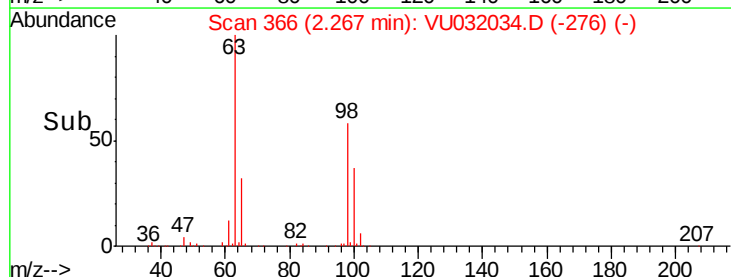
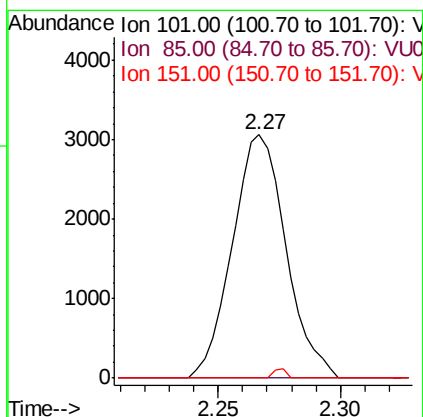
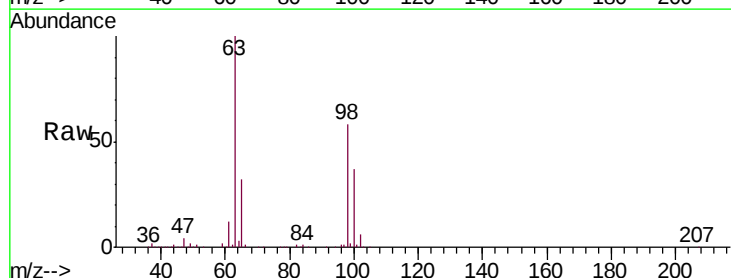
Tgt Ion: 101 Resp: 4664

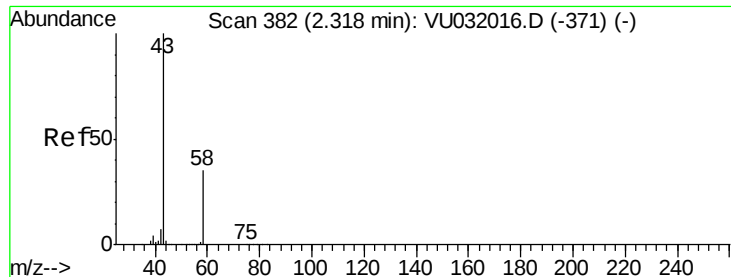
Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.9 55.8 83.8#





#13

Acetone

Concen: 3.118 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

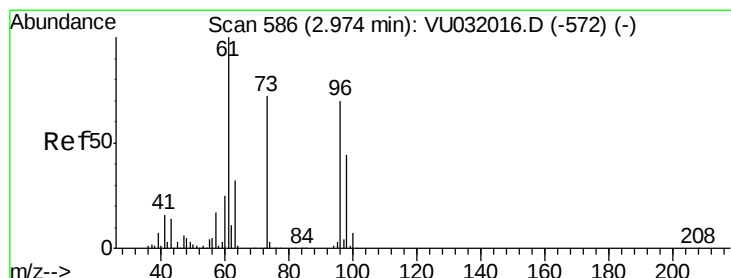
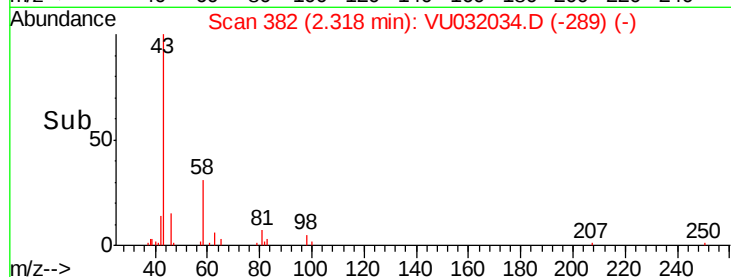
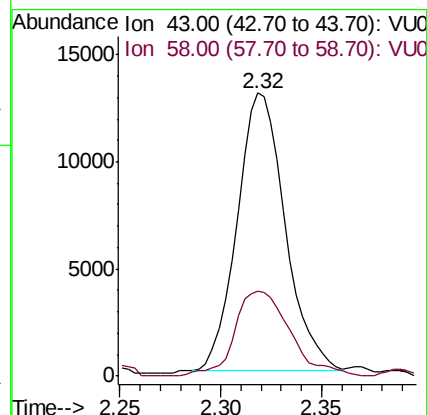
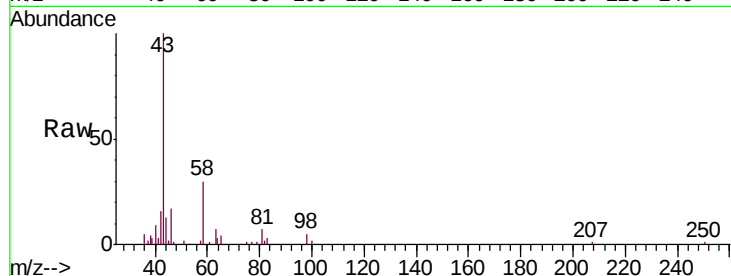
DB896

Tgt Ion: 43 Resp: 21425

Ion Ratio Lower Upper

43 100

58 35.6 0.0 68.2



#17

trans-1,2-Dichloroethene

Concen: 15.918 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

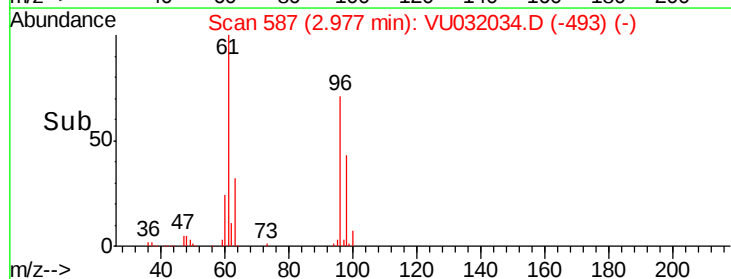
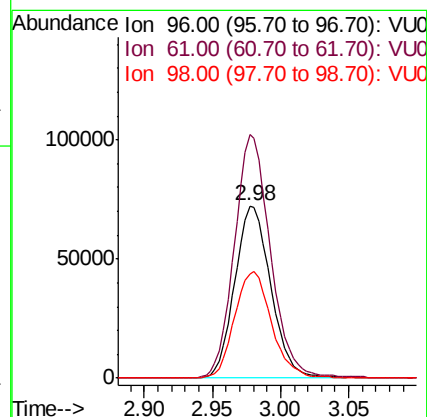
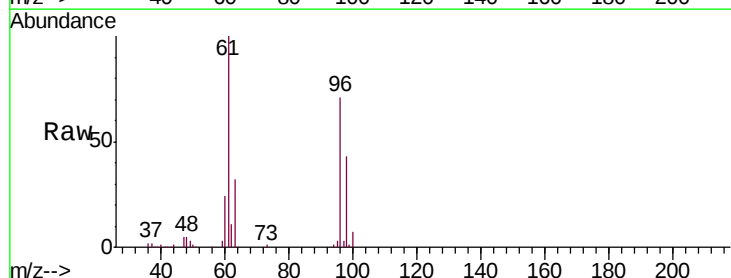
Tgt Ion: 96 Resp: 133015

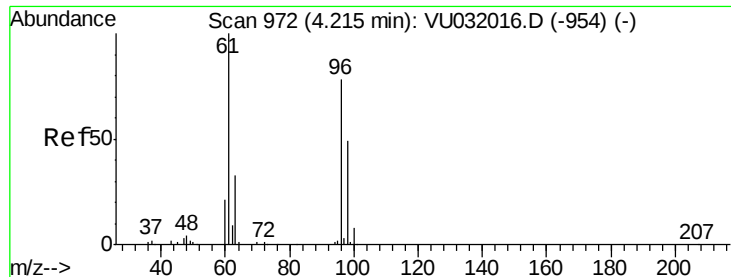
Ion Ratio Lower Upper

96 100

61 141.6 103.2 191.6

98 60.6 45.7 84.9



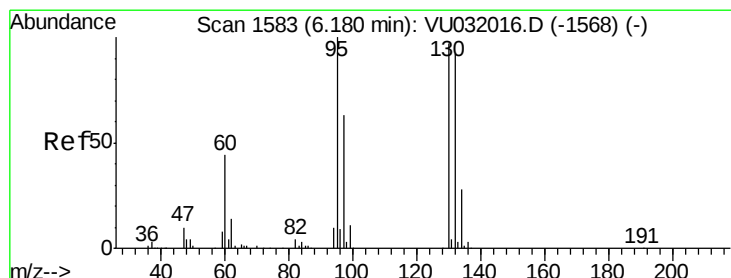
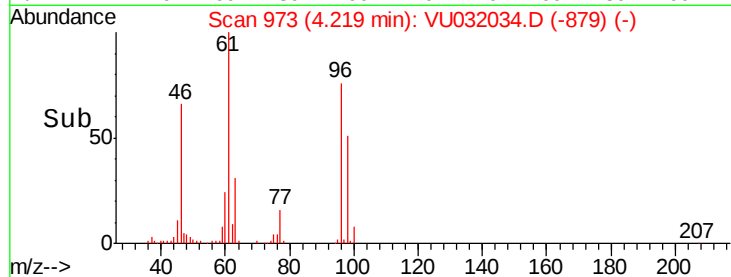
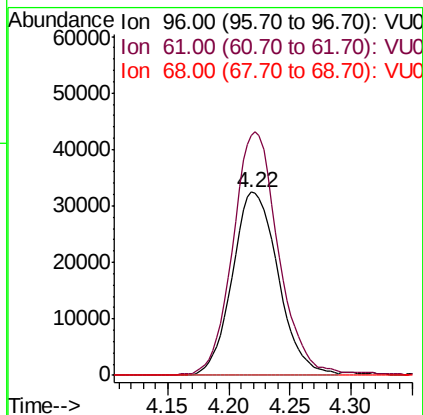
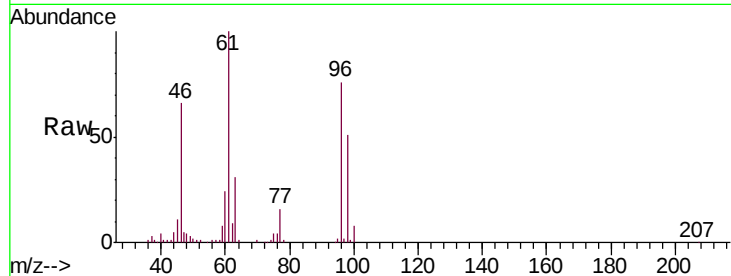


#20

cis-1,2-Dichloroethene
 Concen: 9.159 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032034.D
 Acq: 15 May 2019 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DB896

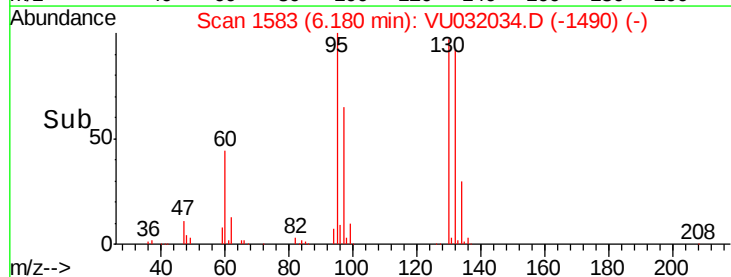
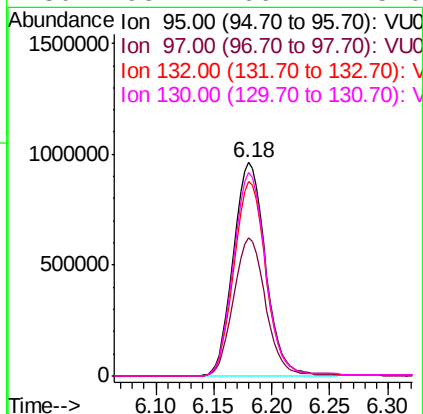
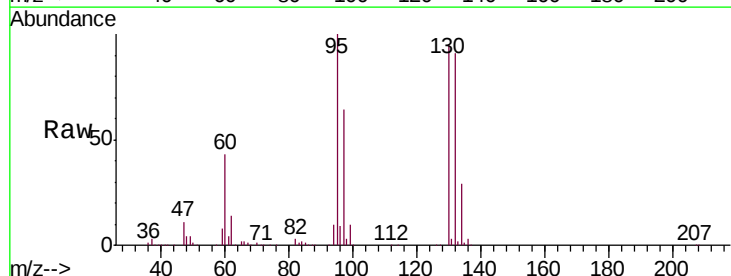
Tgt Ion: 96 Resp: 84654
 Ion Ratio Lower Upper
 96 100
 61 130.8 93.0 172.8
 68 0.0 0.0 0.0

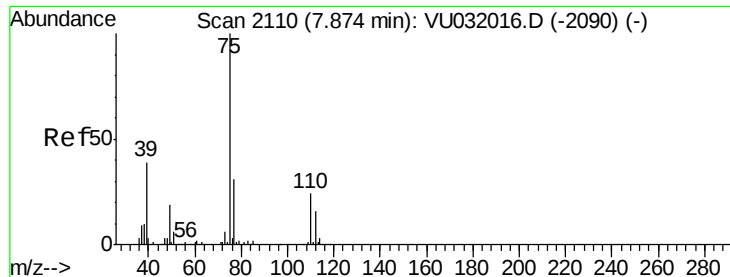


#34

Trichloroethene
 Concen: 214.148 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU032034.D
 Acq: 15 May 2019 16:09

Tgt Ion: 95 Resp: 1861222
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.9 83.3
 132 90.9 63.5 117.9
 130 95.2 66.2 123.0





#44

trans-1,3-Dichloropropene

Concen: 0.581 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

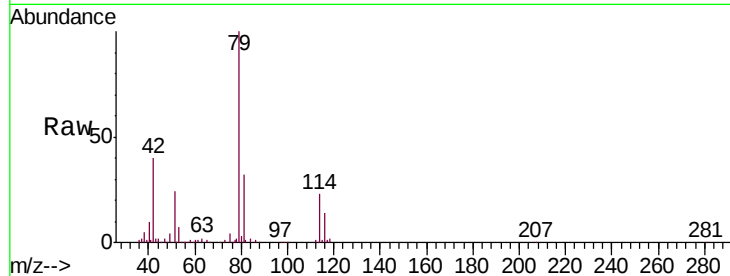
DB896

Tgt Ion: 75 Resp: 6827

Ion Ratio Lower Upper

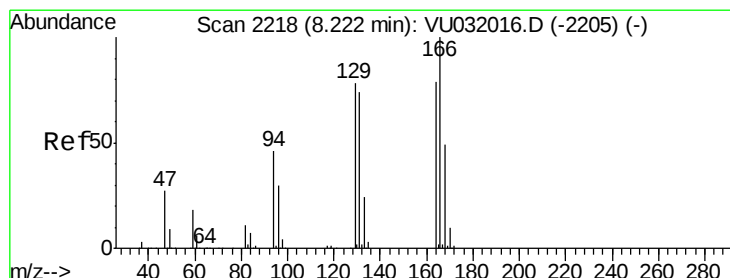
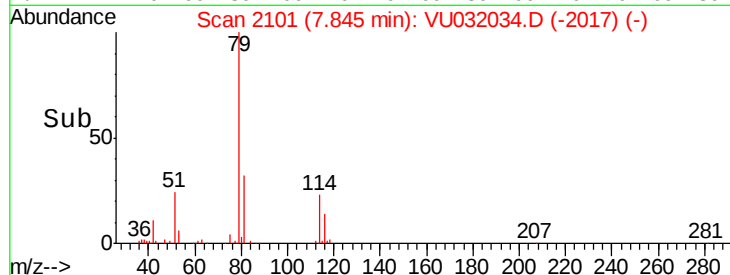
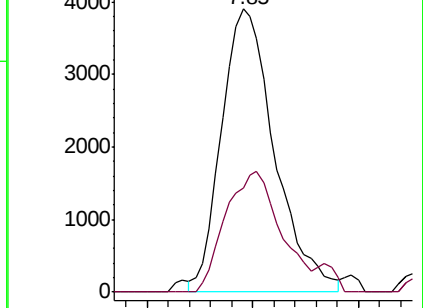
75 100

77 36.9 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VU032016.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032016.D (-2090) (-)



#46

Tetrachloroethene

Concen: 62.331 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032034.D

Acq: 15 May 2019 16:09

Tgt Ion: 164 Resp: 382479

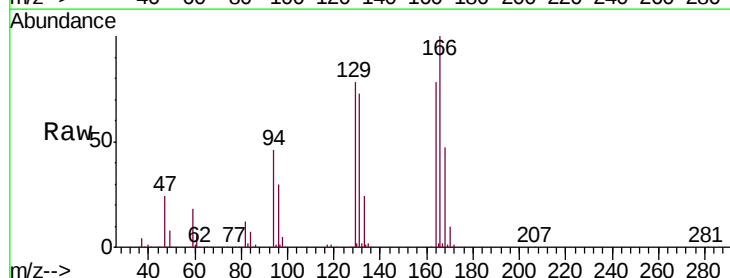
Ion Ratio Lower Upper

164 100

129 99.5 70.9 131.7

131 93.0 67.4 125.2

166 127.5 90.2 167.4

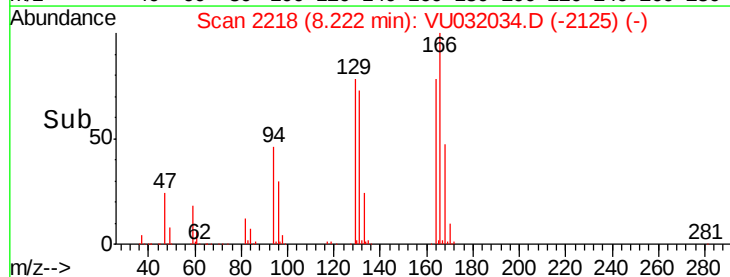
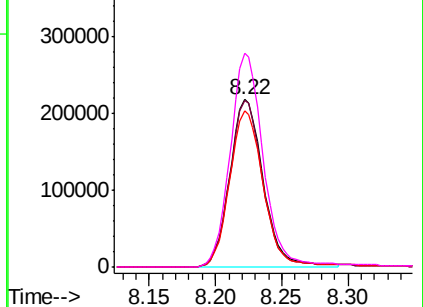


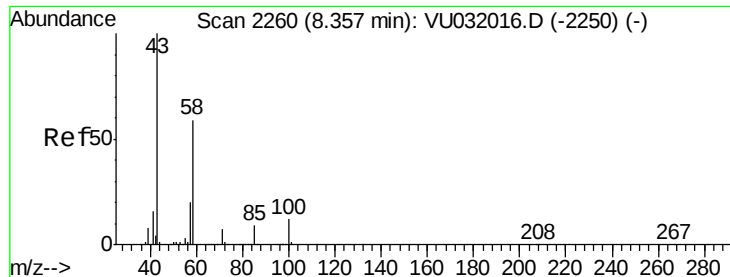
Abundance Ion 164.00 (163.70 to 164.70): VU032016.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU032016.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU032016.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU032016.D (-2205) (-)

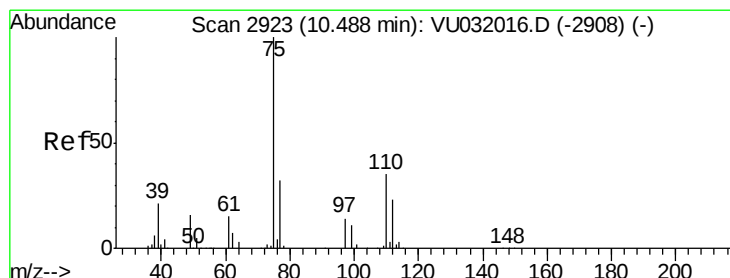
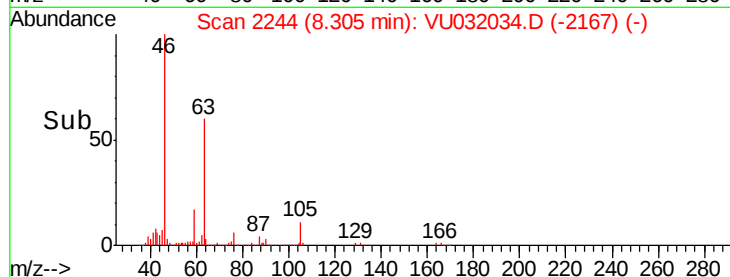
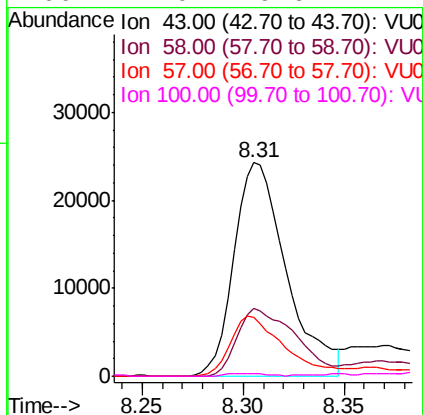
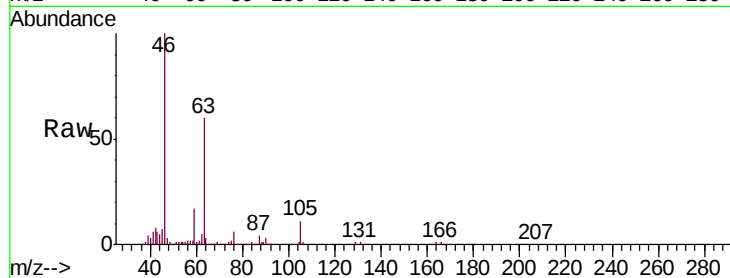




#48
2-Hexanone
Concen: 4.273 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032034.D
Acq: 15 May 2019 16:09

Instrument :
MSVOA_U
ClientSampleId :
DB896

Tgt Ion:	43	Resp:	44350
Ion	Ratio	Lower	Upper
43	100		
58	35.3	47.8	71.6#
57	29.1	16.0	24.0#
100	1.0	9.6	14.4#



#59
1,2,3-Trichloropropane
Concen: 4.356 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032034.D
Acq: 15 May 2019 16:09

Tgt Ion:	75	Resp:	53563
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.7	38.5

