

Data File : VU030780.D
Acq On : 06 Apr 2019 06:47
Operator : JC/SP
Sample : K2249-06DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YD5DL

Quant Time: Apr 08 01:07:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	459172	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	449094	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	221013	53.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.84%
7) Chloroethane-d5	1.68	69	168289	54.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.47	63	262	0.04	ug/L	0.20
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.08%#
21) 2-Butanone-d5	4.17	46	351129	108.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.09%
24) Chloroform-d	4.84	84	374	0.06	ug/L	0.20
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.12%#
26) 1,2-Dichloroethane-d4	5.31	65	221389	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.64%
32) Benzene-d6	5.34	84	668728	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
36) 1,2-Dichloropropane-d6	6.32	67	228766	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	7.56	98	568330	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.85	79	96899	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.31	63	205079	99.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	305309	50.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	190915	51.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.70%

Target Compounds

						Qvalue
5) Vinyl chloride	1.40	62	151261	29.952	ug/L	95
8) Chloroethane	1.70	64	10582	3.674	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2309	0.702	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4909	1.547	ug/L #	1
13) Acetone	2.32	43	2696	0.811	ug/L	55
17) trans-1,2-Dichloroethene	2.98	96	6569	1.949	ug/L	95
19) 1,1-Dichloroethane	3.44	63	382231	54.958	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	269388	72.393	ug/L	97
25) Chloroform	4.67	83	26897	3.848	ug/L	92
30) 1,1,1-Trichloroethane	4.91	97	83241	15.209	ug/L	99
31) Carbon tetrachloride	4.91	117	10038	2.128	ug/L	89
34) Trichloroethene	6.19	95	5067	1.406	ug/L	86
44) trans-1,3-Dichloropropene	7.84	75	3712	0.711	ug/L	96
46) Tetrachloroethene	8.22	164	2322	0.886	ug/L	92
49) Dibromochloromethane	8.22	129	2724	0.727	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	24406	4.897	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040619\
Quantitation Report (Not Reviewed)

Data File : VU030780.D
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Quant Title : VOC Analysis
QLast Update : Mon Apr 08 01:03:28 2019
Response via : Initial Calibration

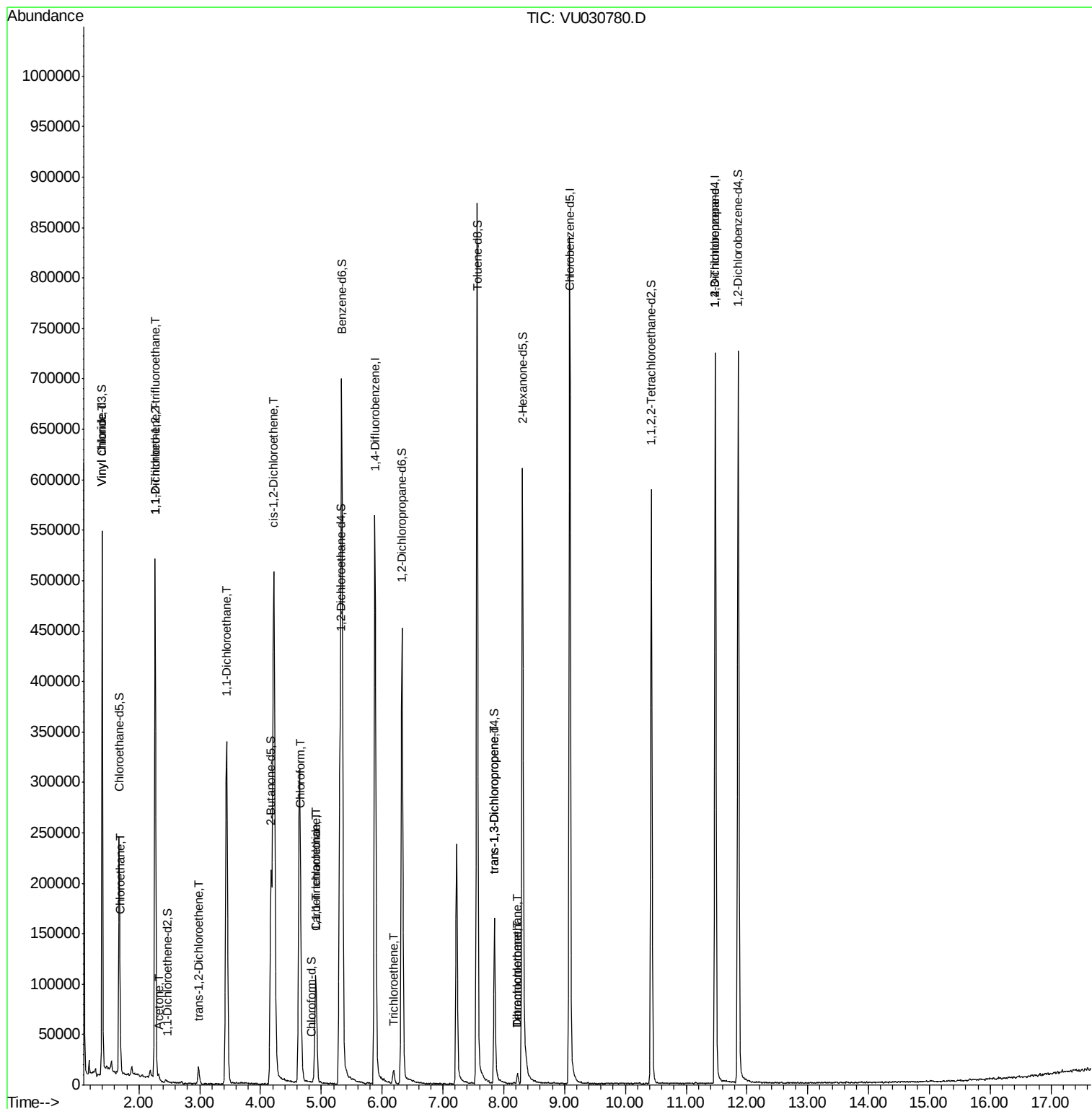
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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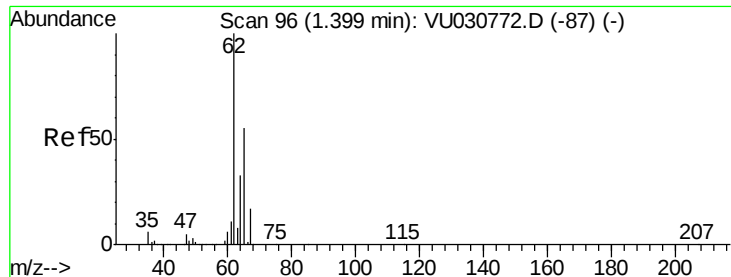
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 29.952 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Instrument :

MSVOA_U

ClientSampleId :

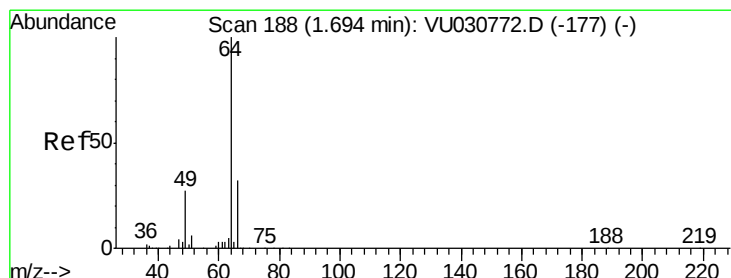
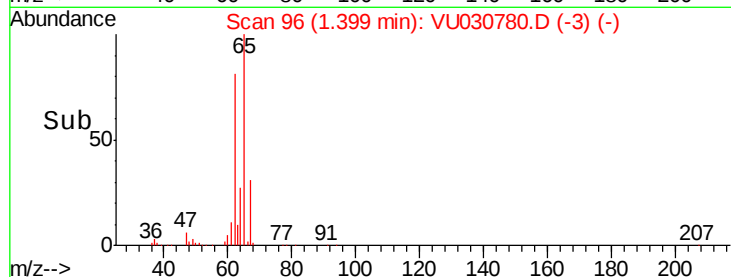
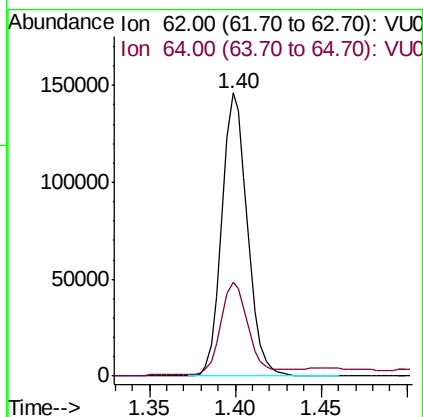
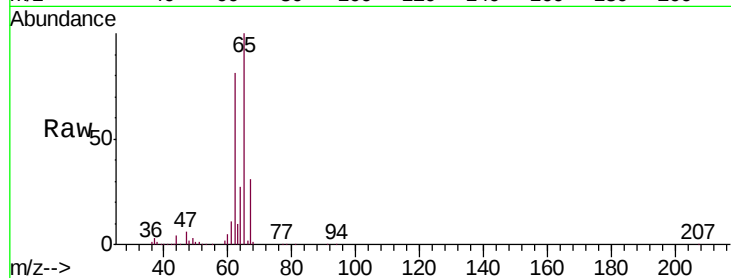
E3YD5DL

Tgt Ion: 62 Resp: 151261

Ion Ratio Lower Upper

62 100

64 33.3 21.5 39.9



#8

Chloroethane

Concen: 3.674 ug/L

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU030780.D

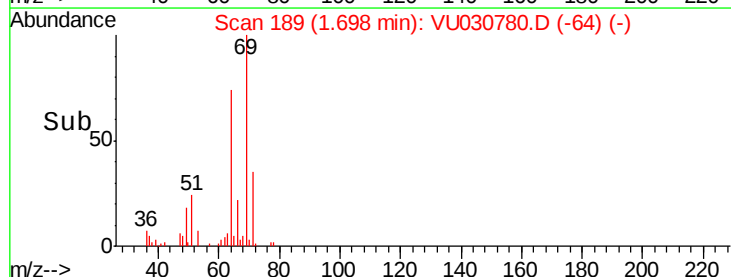
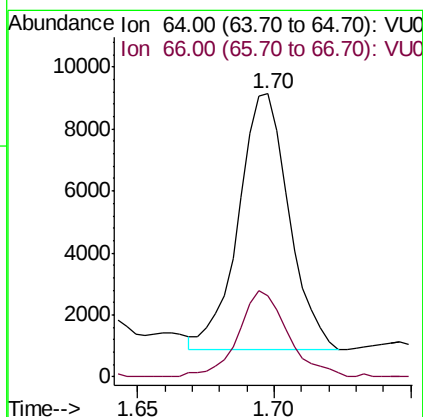
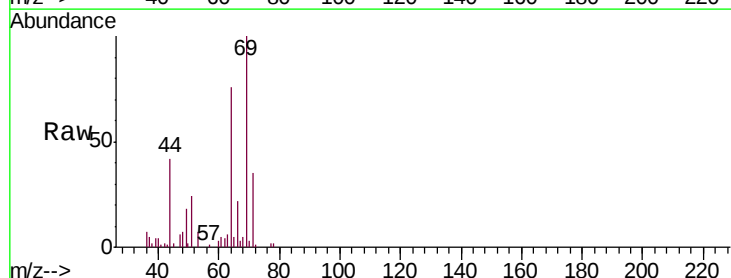
Acq: 06 Apr 2019 06:47

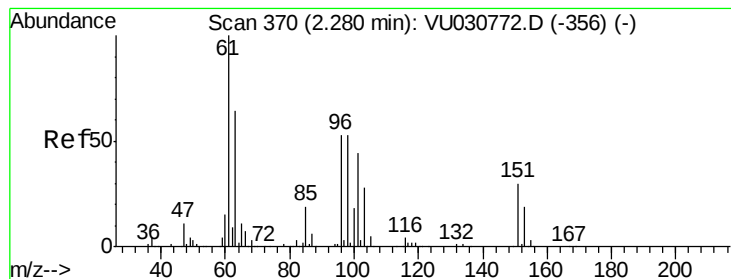
Tgt Ion: 64 Resp: 10582

Ion Ratio Lower Upper

64 100

66 28.5 22.4 41.6





#10

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

Concen: 0.702 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Instrument :

MSVOA_U

ClientSampleId :

E3YD5DL

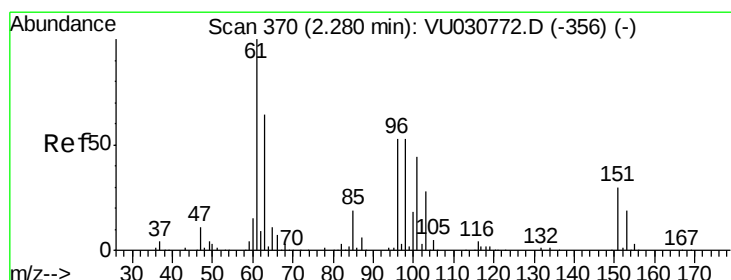
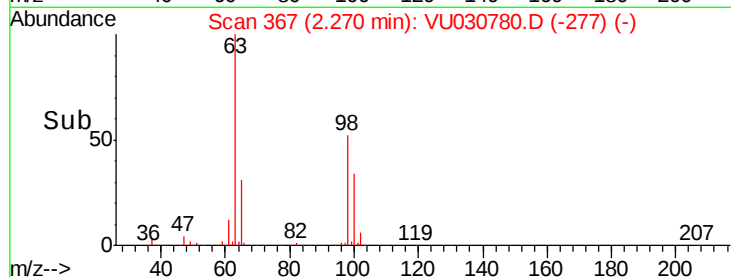
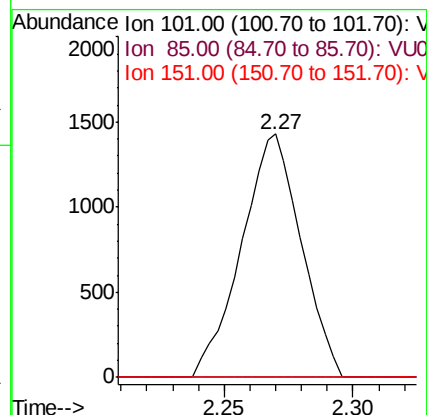
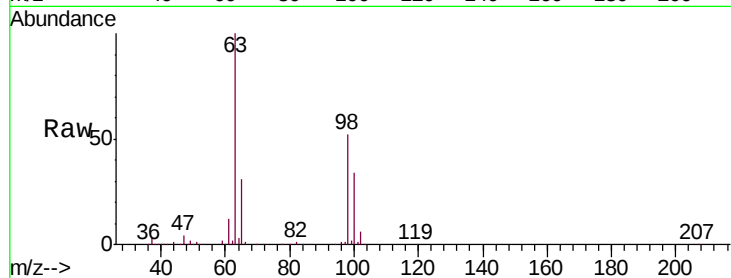
Tgt Ion: 101 Resp: 2309

Ion Ratio Lower Upper

101 100

85 2.2 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 1.547 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

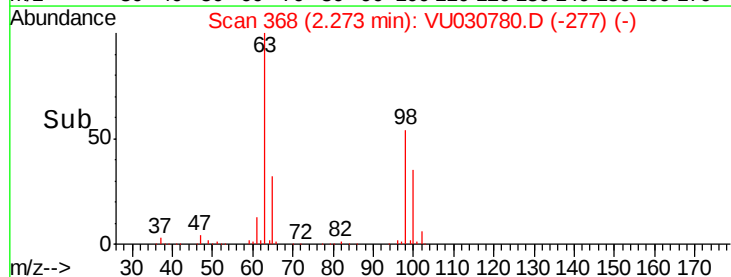
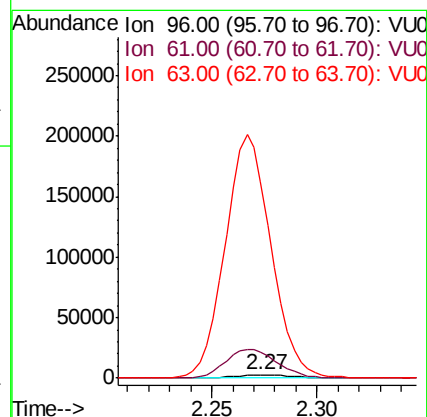
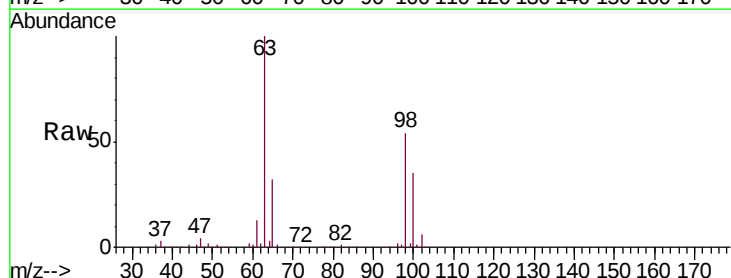
Tgt Ion: 96 Resp: 4909

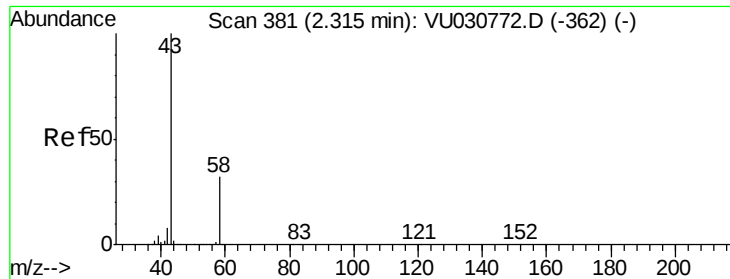
Ion Ratio Lower Upper

96 100

61 886.5 132.0 245.2#

63 6595.8 90.9 168.9#





#13

Acetone

Concen: 0.811 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Instrument :

MSVOA_U

ClientSampleId :

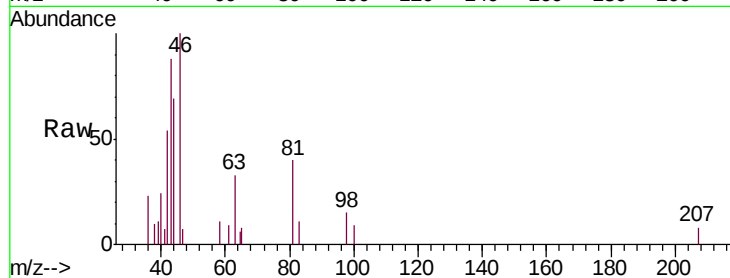
E3YD5DL

Tgt Ion: 43 Resp: 2696

Ion Ratio Lower Upper

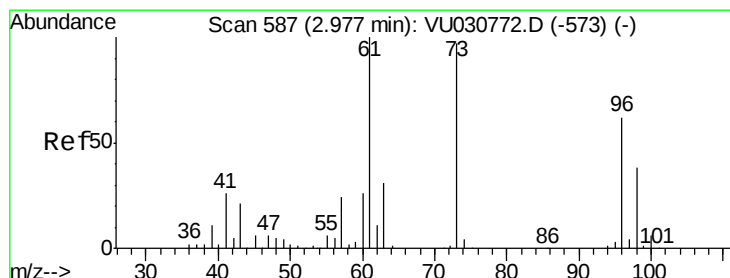
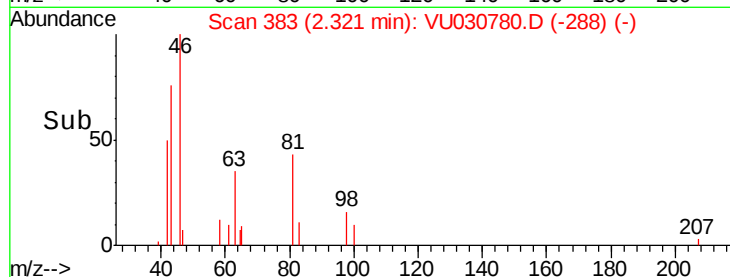
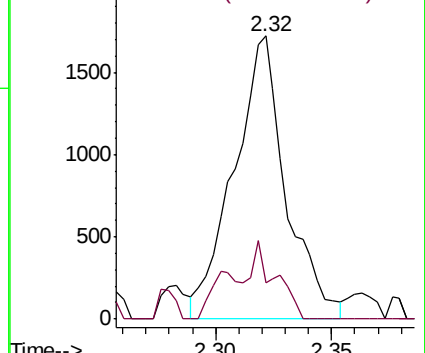
43 100

58 6.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030772.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030772.D (-362) (-)



#17

trans-1,2-Dichloroethene

Concen: 1.949 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

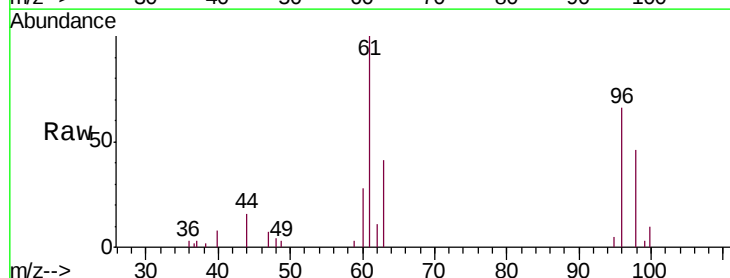
Tgt Ion: 96 Resp: 6569

Ion Ratio Lower Upper

96 100

61 150.7 109.5 203.3

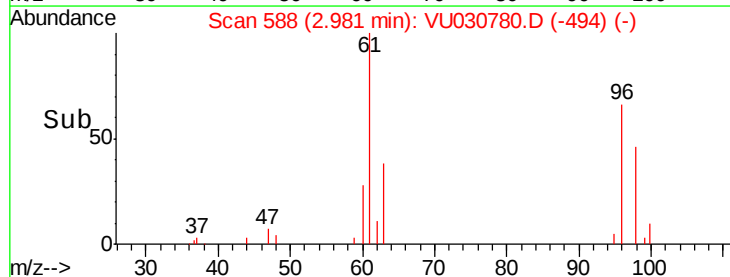
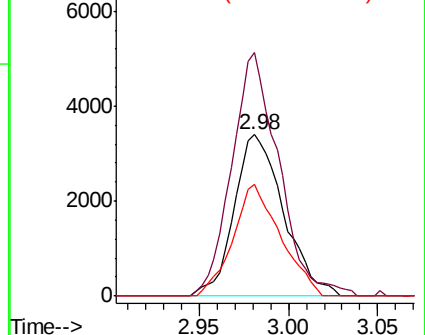
98 69.2 44.0 81.6

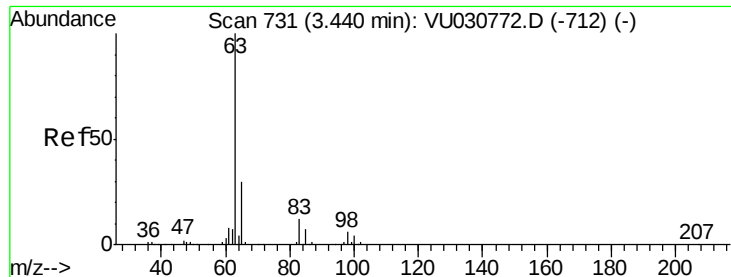


Abundance Ion 96.00 (95.70 to 96.70): VU030772.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU030772.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU030772.D (-573) (-)

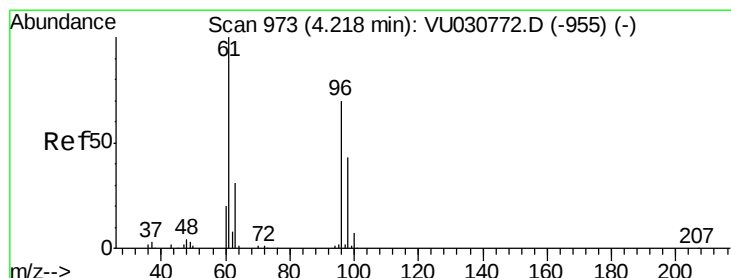
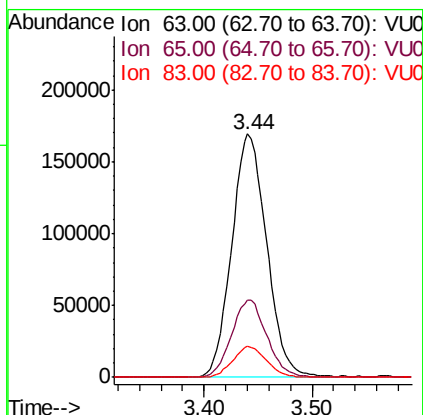
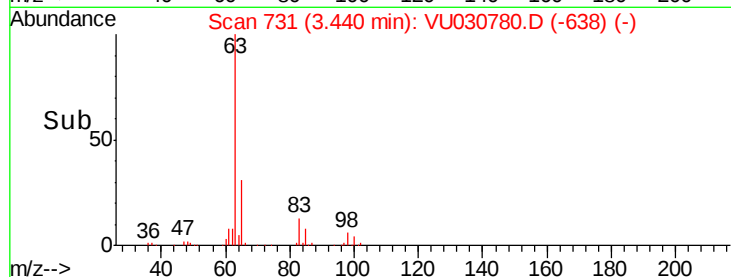
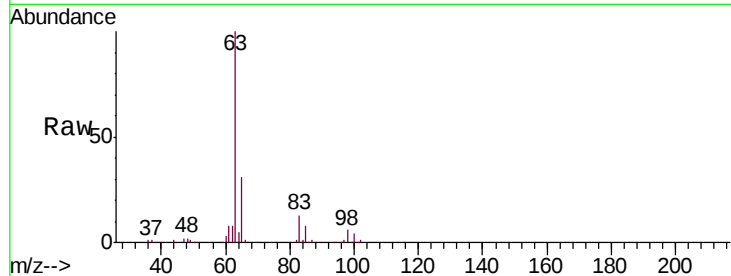




#19
 1,1-Dichloroethane
 Concen: 54.958 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VU030780.D
 Acq: 06 Apr 2019 06:47

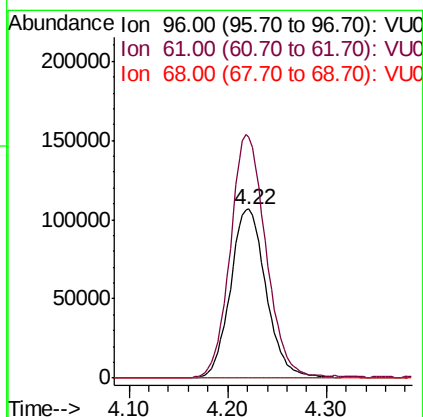
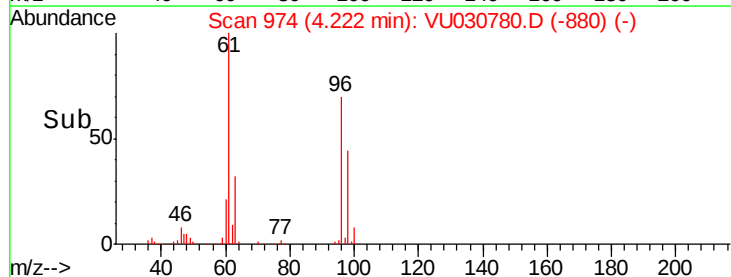
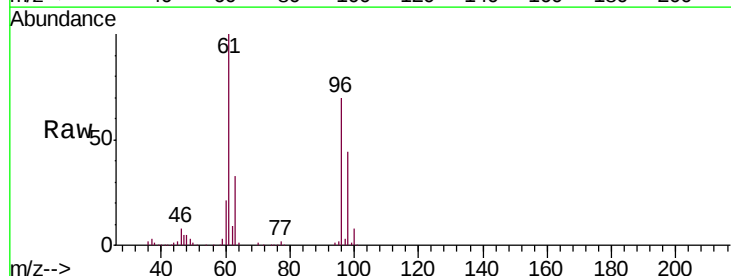
Instrument :
 MSVOA_U
 ClientSampled :
 E3YD5DL

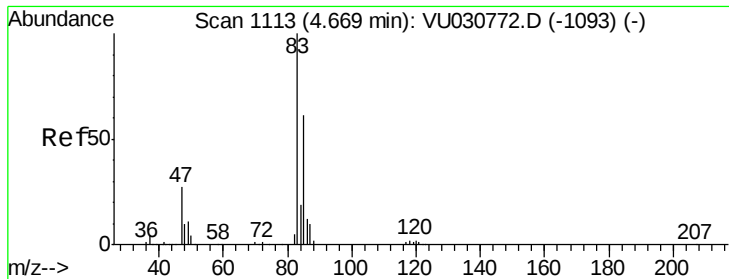
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.4	39.8
83	12.6	8.5	15.7



#20
 cis-1,2-Dichloroethene
 Concen: 72.393 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030780.D
 Acq: 06 Apr 2019 06:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.9	102.9	191.1
68	0.0	0.0	0.0





#25

Chloroform

Concen: 3.848 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Instrument :

MSVOA_U

ClientSampleId :

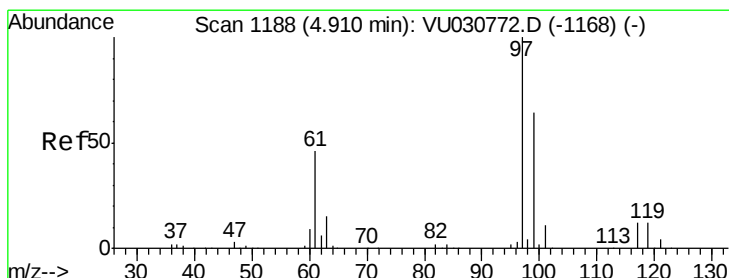
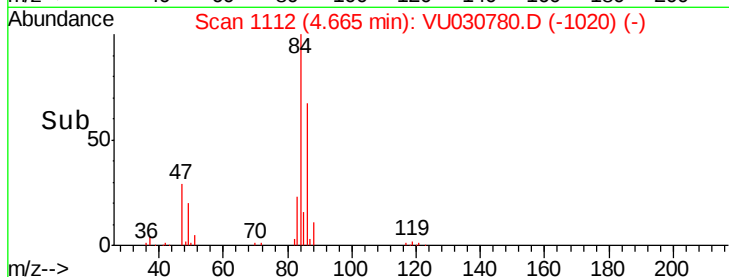
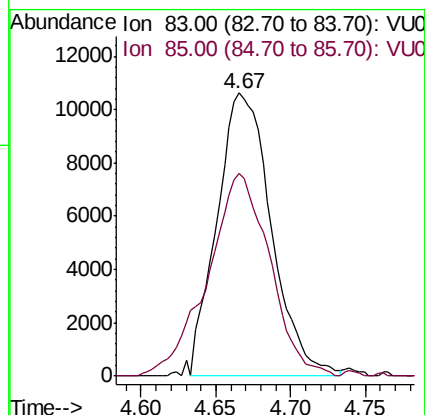
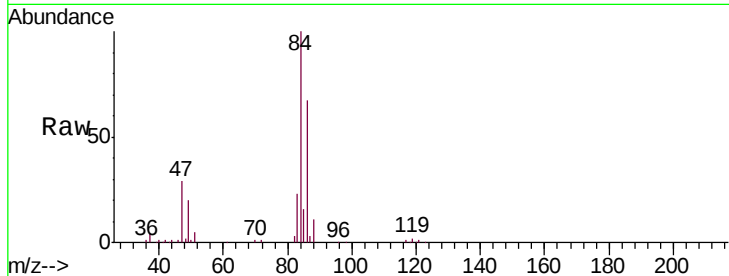
E3YD5DL

Tgt Ion: 83 Resp: 26897

Ion Ratio Lower Upper

83 100

85 71.8 45.8 85.0



#30

1,1,1-Trichloroethane

Concen: 15.209 ug/L

RT: 4.91 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

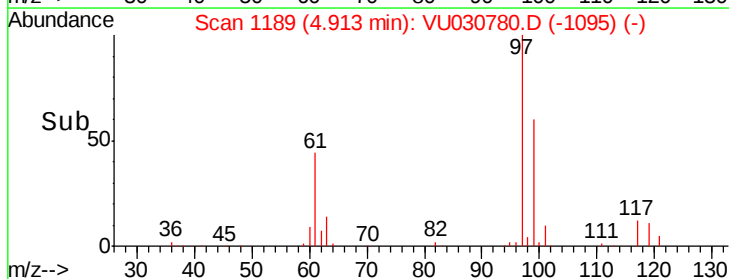
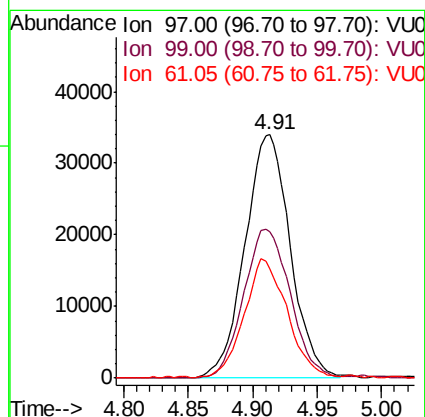
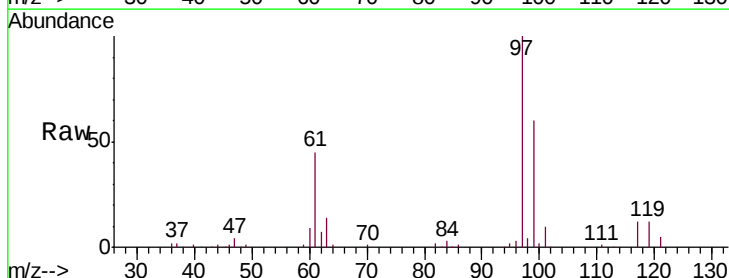
Tgt Ion: 97 Resp: 83241

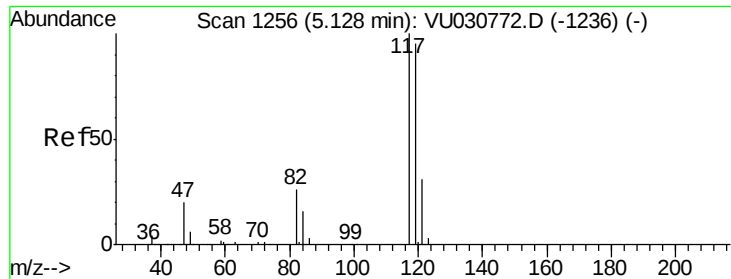
Ion Ratio Lower Upper

97 100

99 62.8 51.4 77.2

61 46.6 37.1 55.7





#31

Carbon tetrachloride

Concen: 2.128 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. -0.22 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Instrument :

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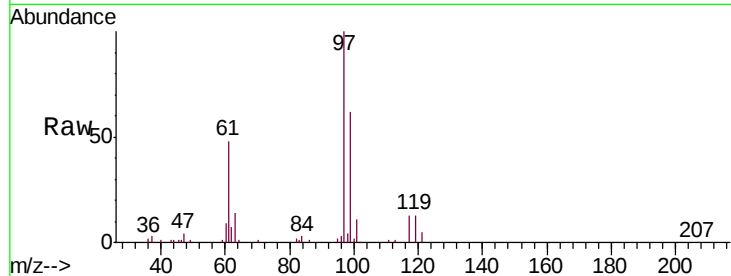
E3YD5DL

Tgt Ion:117 Resp: 10038

Ion Ratio Lower Upper

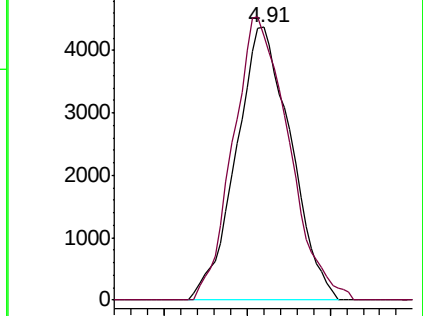
117 100

119 105.5 76.2 114.2

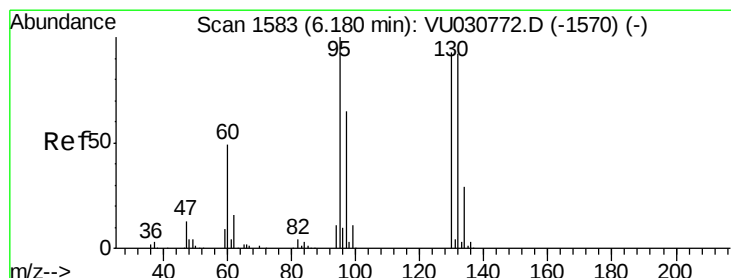
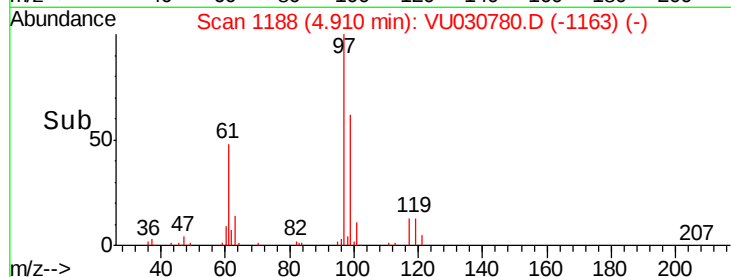


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#34

Trichloroethene

Concen: 1.406 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Tgt Ion: 95 Resp: 5067

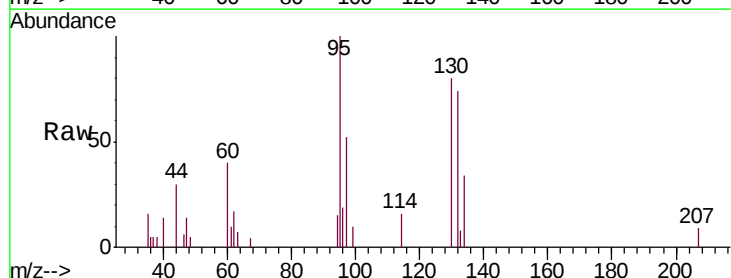
Ion Ratio Lower Upper

95 100

97 52.0 44.5 82.7

132 74.2 61.5 114.1

130 79.7 64.9 120.5

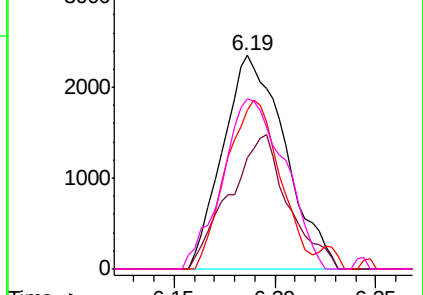


Abundance Ion 95.00 (94.70 to 95.70): VU0

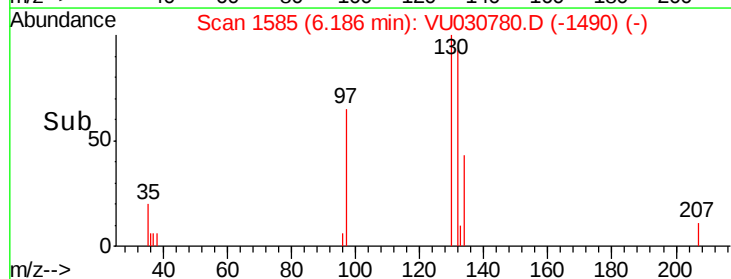
Ion 97.00 (96.70 to 97.70): VU0

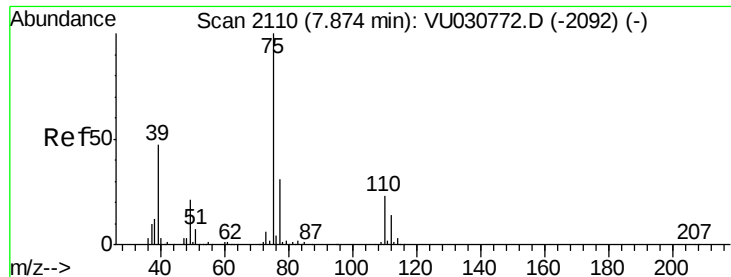
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->

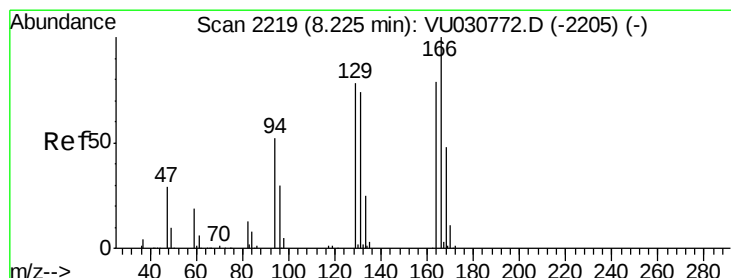
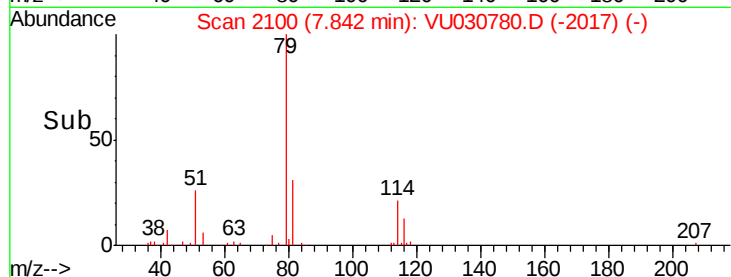
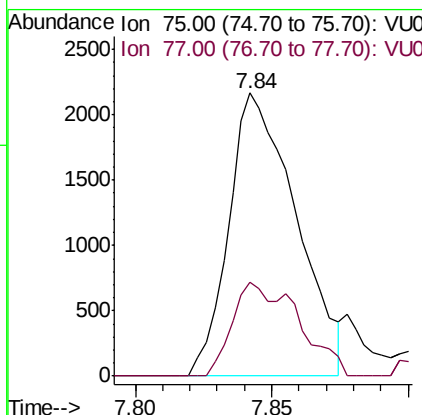
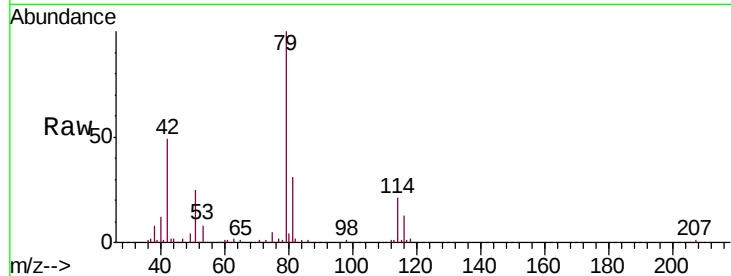




#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.84 min Scan# 2100
Delta R.T. -0.03 min
Lab File: VU030780.D
Acq: 06 Apr 2019 06:47

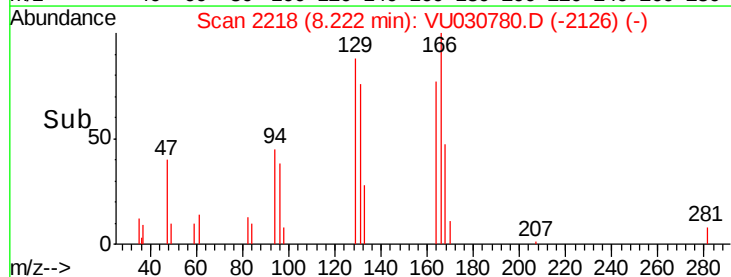
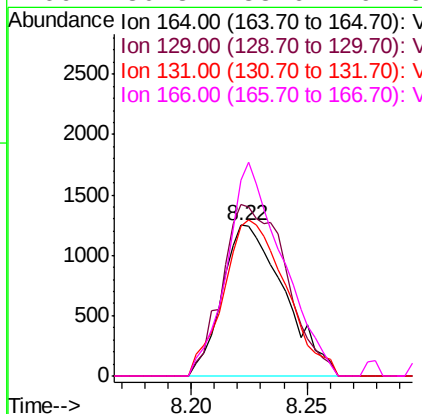
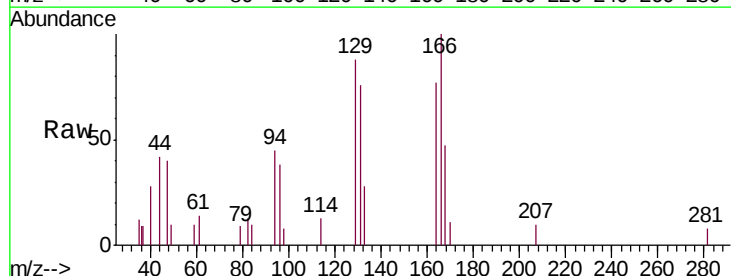
Instrument :
MSVOA_U
ClientSampleId :
E3YD5DL

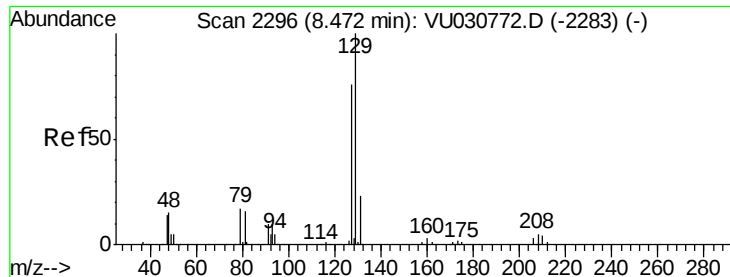
Tgt Ion: 75 Resp: 3712
Ion Ratio Lower Upper
75 100
77 33.1 21.6 40.0



#46
Tetrachloroethene
Concen: 0.886 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030780.D
Acq: 06 Apr 2019 06:47

Tgt Ion: 164 Resp: 2322
Ion Ratio Lower Upper
164 100
129 114.1 67.4 125.2
131 99.2 65.9 122.5
166 130.3 88.6 164.6





#49

Dibromochloromethane

Concen: 0.727 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU030780.D

Acq: 06 Apr 2019 06:47

Instrument :

MSVOA_U

ClientSampleId :

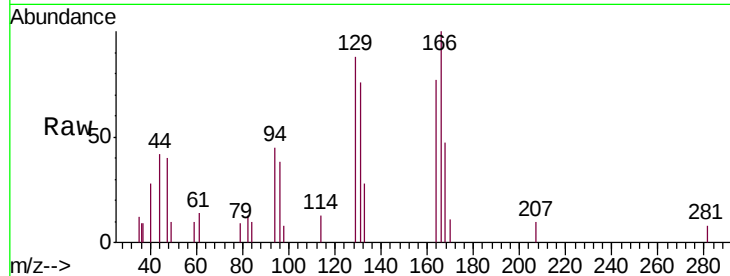
E3YD5DL

Tgt Ion:129 Resp: 2724

Ion Ratio Lower Upper

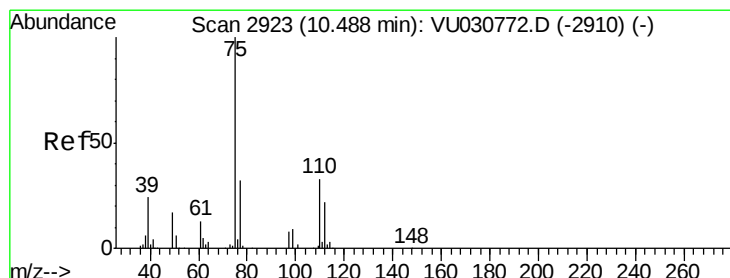
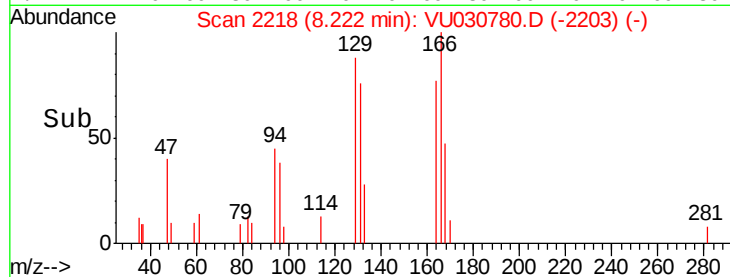
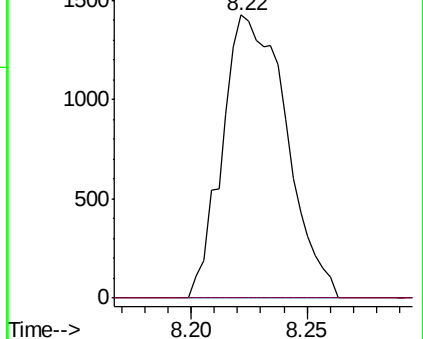
129 100

127 0.0 54.5 101.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.897 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030780.D

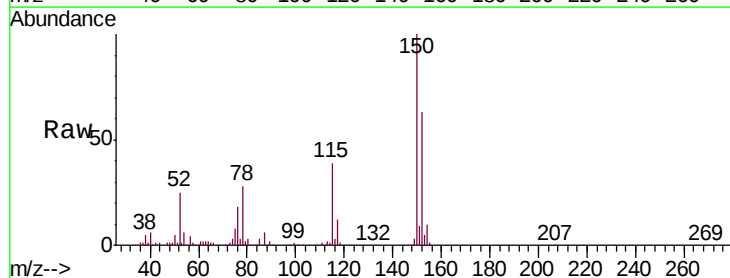
Acq: 06 Apr 2019 06:47

Tgt Ion: 75 Resp: 24406

Ion Ratio Lower Upper

75 100

77 37.6 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

