

Data File : VU030774.D
Acq On : 06 Apr 2019 04:29
Operator : JC/SP
Sample : K2249-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YE0DL

Quant Time: Apr 06 05:28:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	453815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	440620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	202535	50.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	162716	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.84%
11) 1,1-Dichloroethene-d2	2.27	63	281931	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	4.17	46	337688	105.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	4.64	84	293073	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.31	65	214807	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
32) Benzene-d6	5.34	84	627762	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.33	67	219873	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.56	98	529887	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.85	79	91994	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
47) 2-Hexanone-d5	8.31	63	199579	99.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293338	49.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	176087	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%

Target Compounds

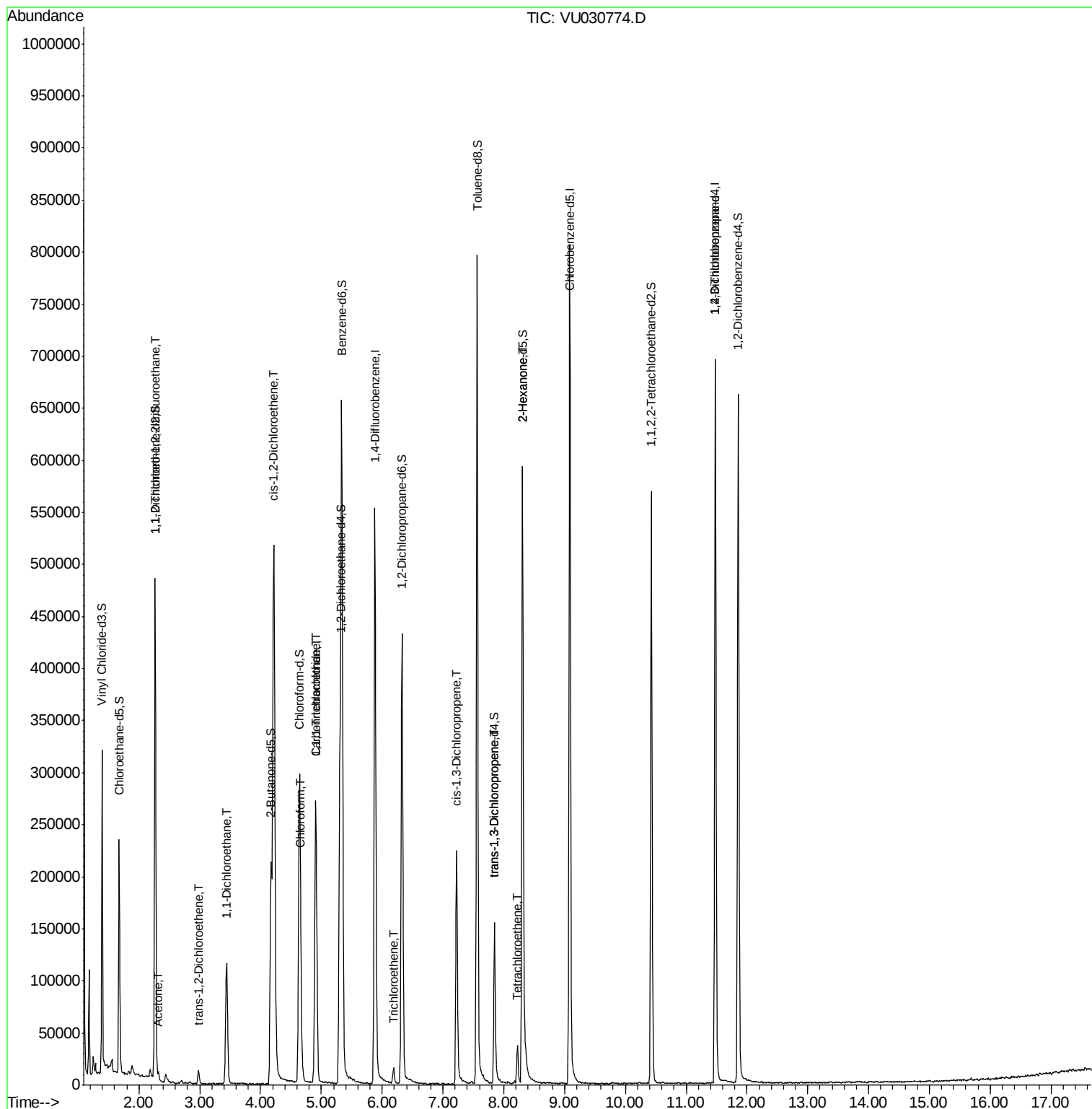
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2541	0.782	ug/L #	22
13) Acetone	2.32	43	3808	1.159	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	5157	1.548	ug/L	95
19) 1,1-Dichloroethane	3.44	63	131839	19.180	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	274078	74.523	ug/L	94
25) Chloroform	4.67	83	25297	3.662	ug/L	97
30) 1,1,1-Trichloroethane	4.91	97	213184	39.700	ug/L	100
31) Carbon tetrachloride	4.91	117	26904	5.814	ug/L	99
34) Trichloroethene	6.19	95	4708	1.331	ug/L	89
39) cis-1,3-Dichloropropene	7.22	75	5773	0.993	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	3564	0.696	ug/L #	74
46) Tetrachloroethene	8.23	164	8449	3.286	ug/L	90
48) 2-Hexanone	8.31	43	24889	4.859	ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	23463	4.798	ug/L	93

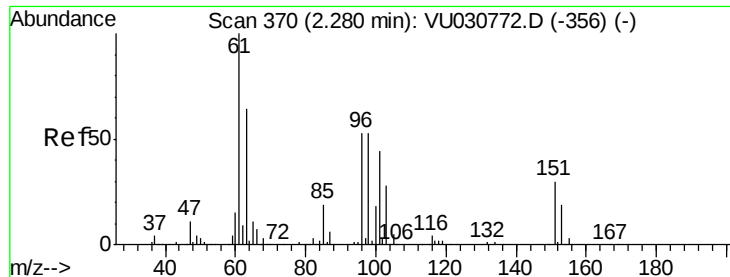
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.782 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU030774.D

Acq: 06 Apr 2019 04:29

Instrument :

MSVOA_U

ClientSampleId :

E3YE0DL

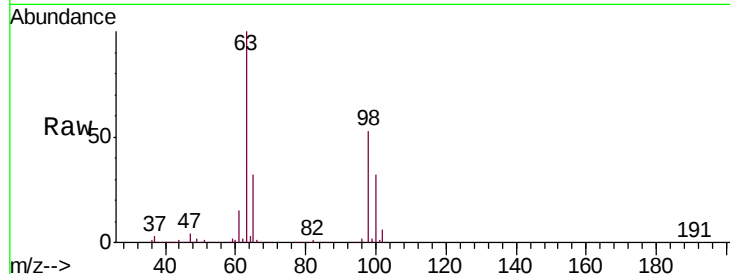
Tgt Ion:101 Resp: 2541

Ion Ratio Lower Upper

101 100

85 2.8 36.8 55.2#

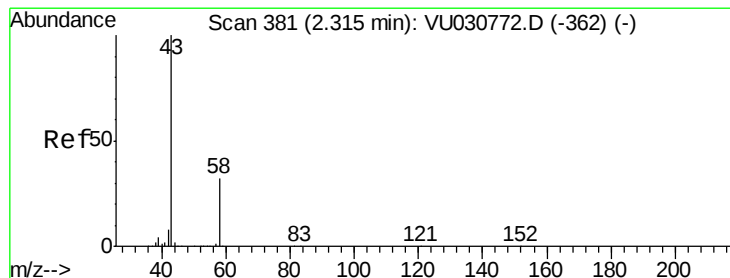
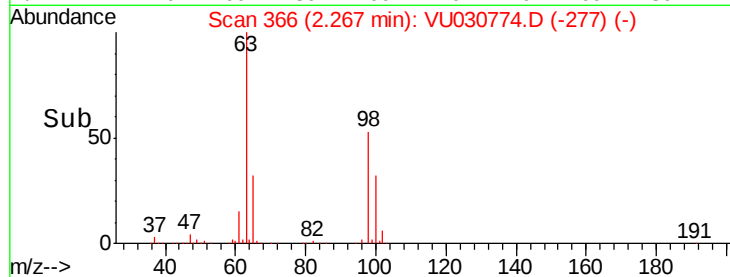
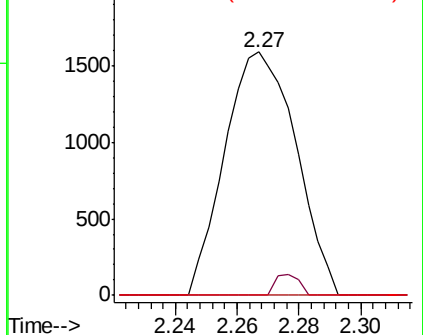
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.159 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030774.D

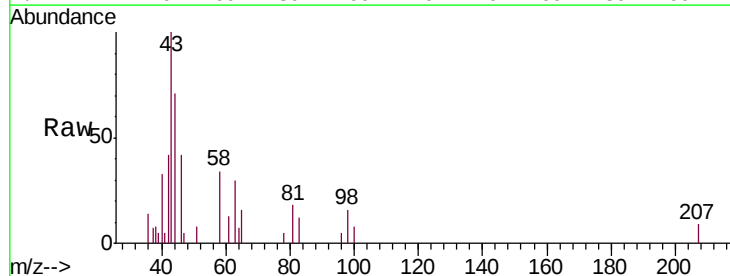
Acq: 06 Apr 2019 04:29

Tgt Ion: 43 Resp: 3808

Ion Ratio Lower Upper

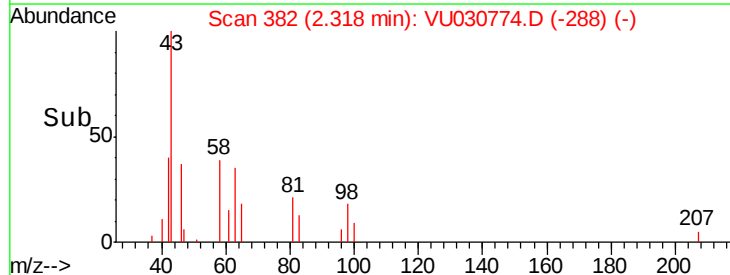
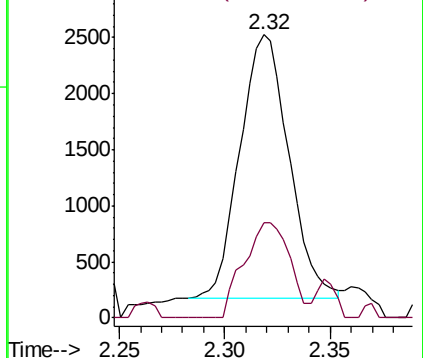
43 100

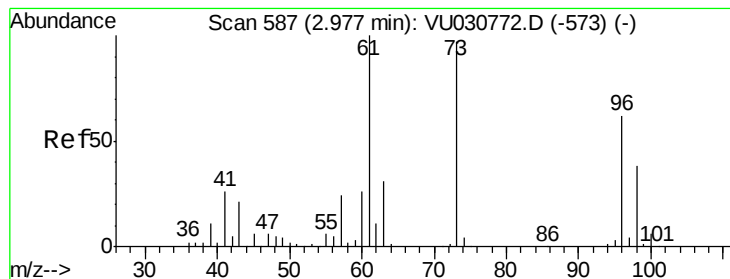
58 34.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 1.548 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU030774.D

Acq: 06 Apr 2019 04:29

Instrument :

MSVOA_U

ClientSampleId :

E3YE0DL

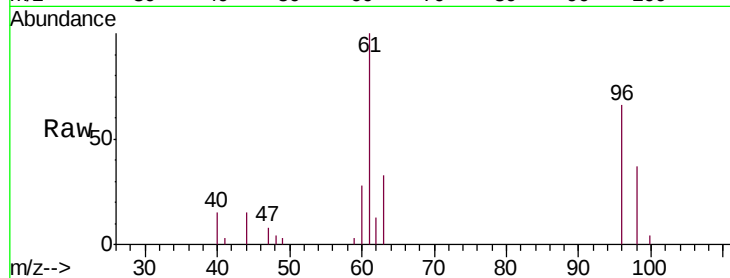
Tgt Ion: 96 Resp: 5157

Ion Ratio Lower Upper

96 100

61 152.5 109.5 203.3

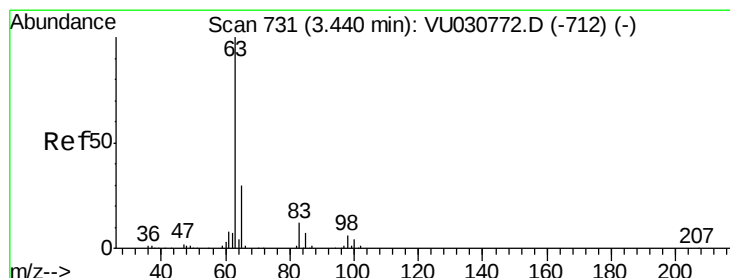
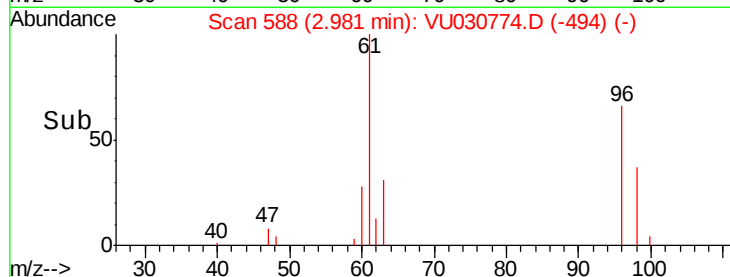
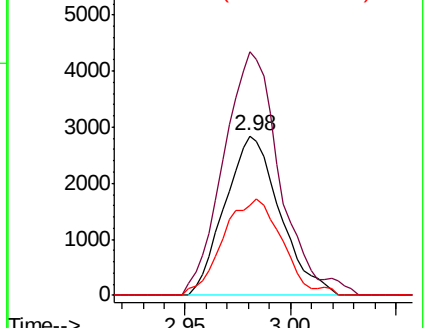
98 56.2 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU030774.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU030774.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU030774.D (-573) (-)



#19

1,1-Dichloroethane

Concen: 19.180 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU030774.D

Acq: 06 Apr 2019 04:29

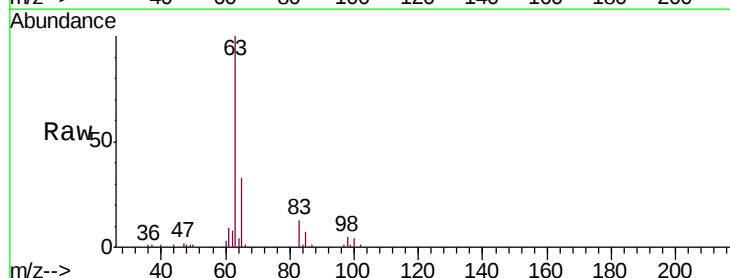
Tgt Ion: 63 Resp: 131839

Ion Ratio Lower Upper

63 100

65 33.0 21.4 39.8

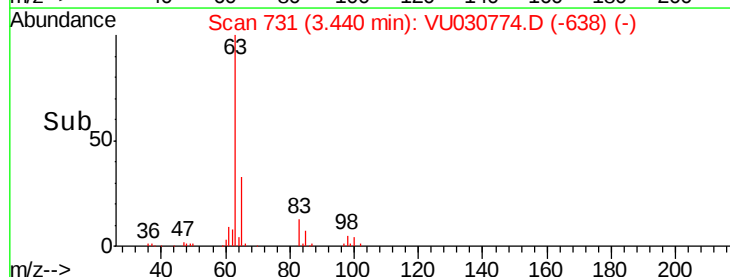
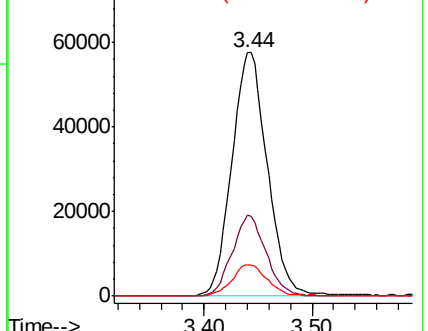
83 12.8 8.5 15.7

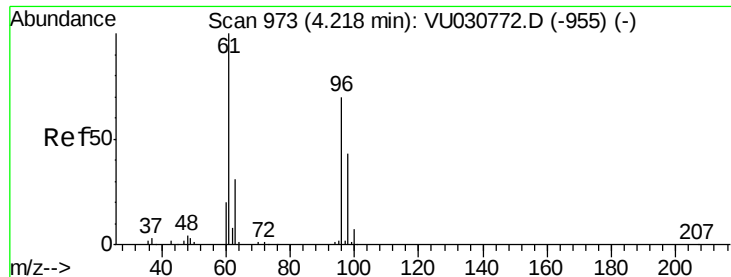


Abundance Ion 63.00 (62.70 to 63.70): VU030774.D (-712) (-)

Ion 65.00 (64.70 to 65.70): VU030774.D (-712) (-)

Ion 83.00 (82.70 to 83.70): VU030774.D (-712) (-)



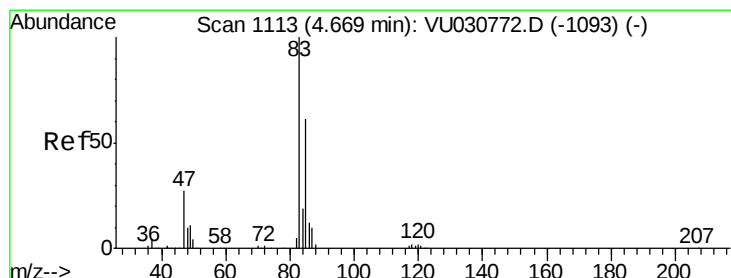
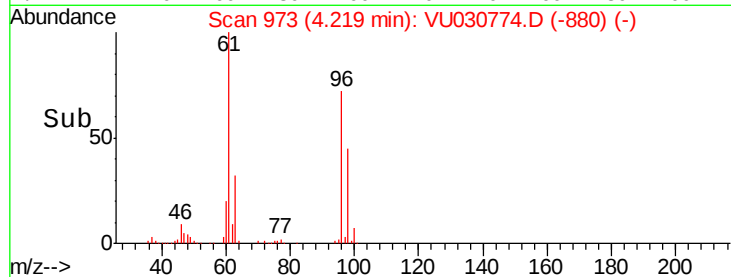
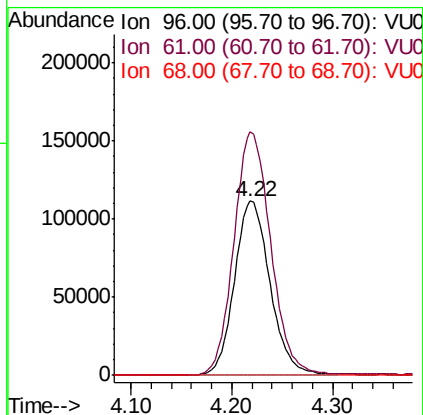
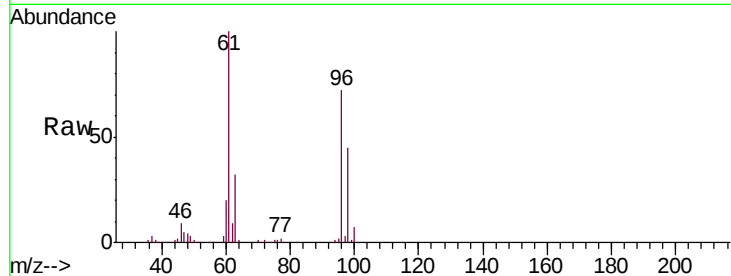


#20

cis-1,2-Dichloroethene
 Concen: 74.523 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0DL

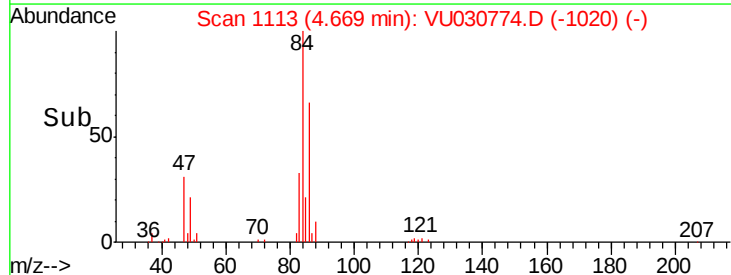
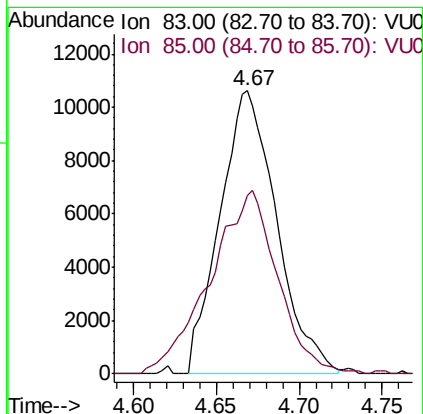
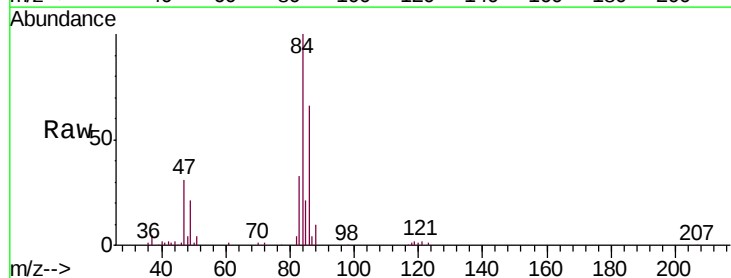
Tgt Ion: 96 Resp: 274078
 Ion Ratio Lower Upper
 96 100
 61 139.8 102.9 191.1
 68 0.0 0.0 0.0

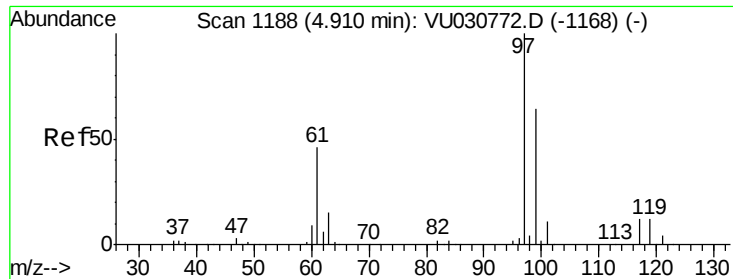


#25

Chloroform
 Concen: 3.662 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Tgt Ion: 83 Resp: 25297
 Ion Ratio Lower Upper
 83 100
 85 63.2 45.8 85.0

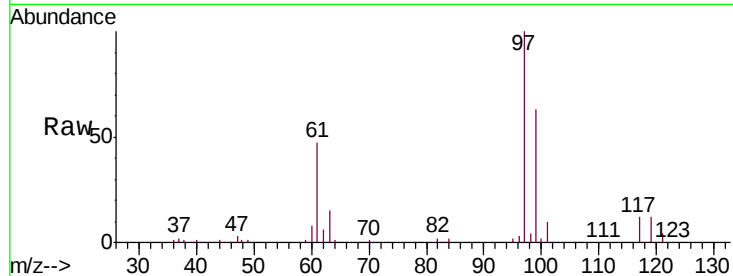




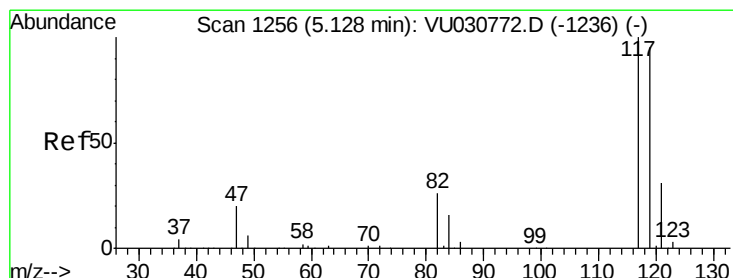
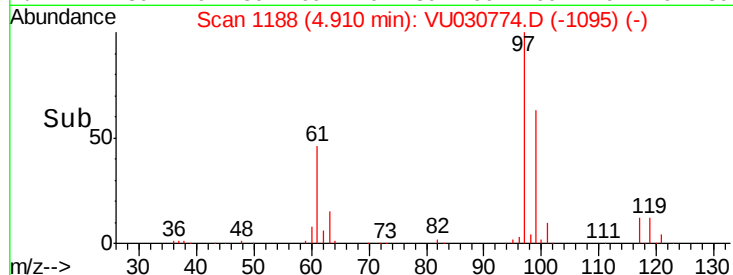
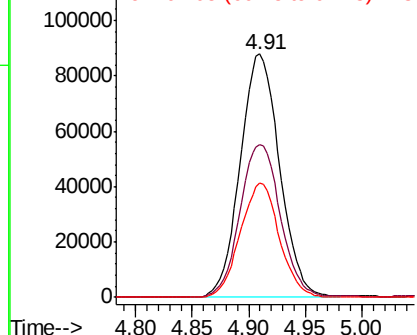
#30
 1,1,1-Trichloroethane
 Concen: 39.700 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0DL

Tgt Ion: 97 Resp: 213184
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.4 77.2
 61 46.5 37.1 55.7

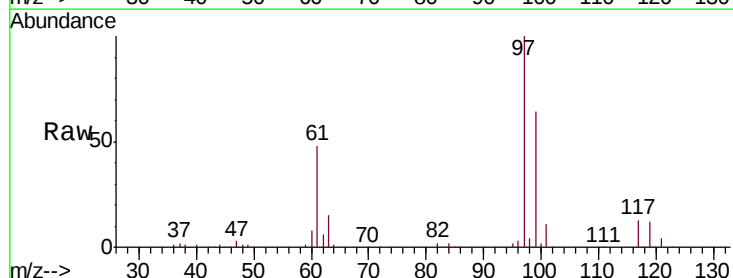


Abundance Ion 97.00 (96.70 to 97.70): VU030772.D (-1168) (-)
 Ion 99.00 (98.70 to 99.70): VU030772.D (-1168) (-)
 Ion 61.05 (60.75 to 61.75): VU030772.D (-1168) (-)

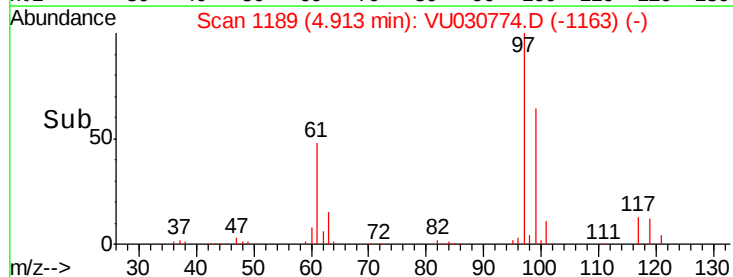
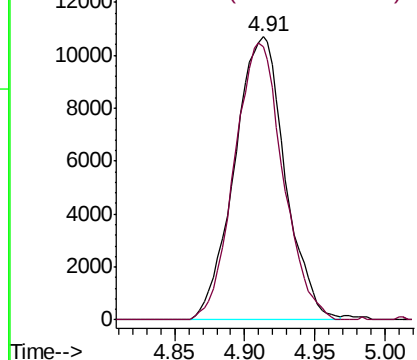


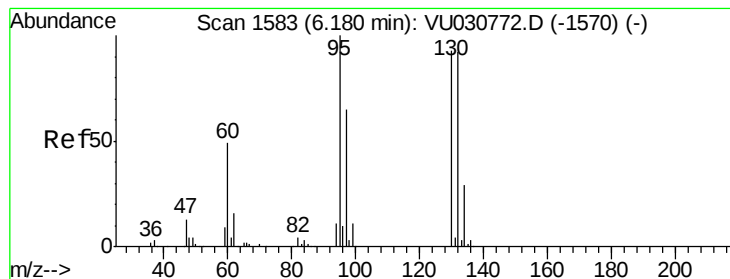
#31
 Carbon tetrachloride
 Concen: 5.814 ug/L
 RT: 4.91 min Scan# 1189
 Delta R.T. -0.22 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Tgt Ion: 117 Resp: 26904
 Ion Ratio Lower Upper
 117 100
 119 94.1 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): VU030772.D (-1236) (-)
 Ion 119.00 (118.70 to 119.70): VU030772.D (-1236) (-)





#34

Trichloroethene

Concen: 1.331 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU030774.D

Acq: 06 Apr 2019 04:29

Instrument :

MSVOA_U

ClientSampleId :

E3YE0DL

Tgt Ion: 95 Resp: 4708

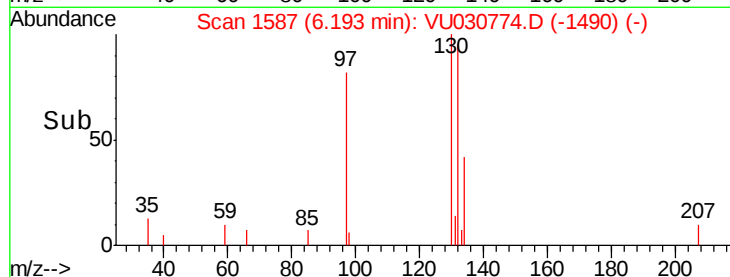
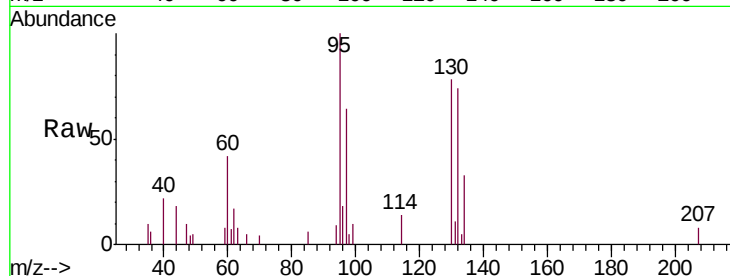
Ion Ratio Lower Upper

95 100

97 63.9 44.5 82.7

132 74.1 61.5 114.1

130 77.8 64.9 120.5

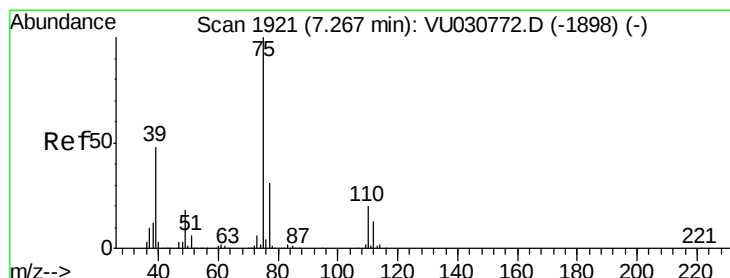
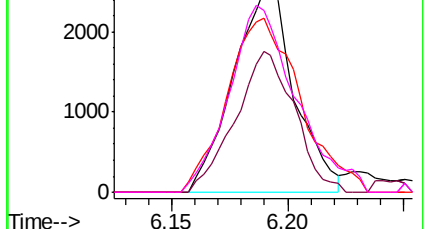


Abundance Ion 95.00 (94.70 to 95.70): VU030772.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030774.D (-1490) (-)

Ion 132.00 (131.70 to 132.70): VU030774.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU030774.D (-1490) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.993 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU030774.D

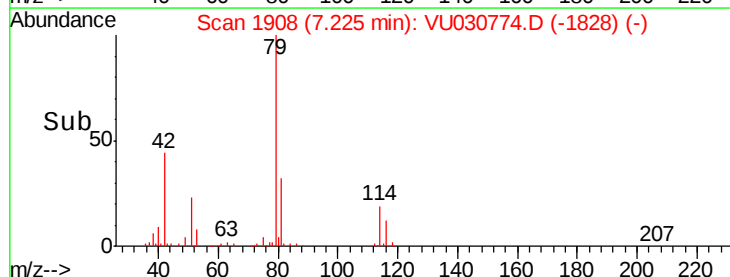
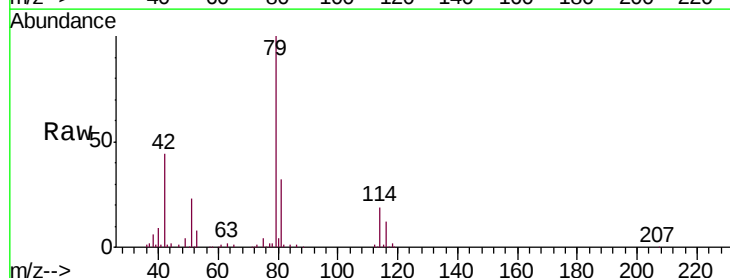
Acq: 06 Apr 2019 04:29

Tgt Ion: 75 Resp: 5773

Ion Ratio Lower Upper

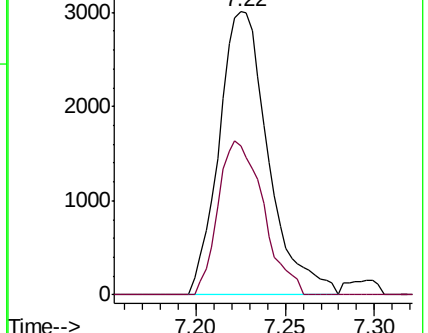
75 100

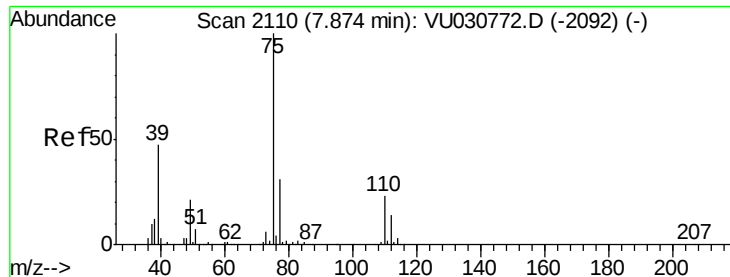
77 52.9 23.1 42.9#



Abundance Ion 75.00 (74.70 to 75.70): VU030772.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU030774.D (-1828) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030774.D

Acq: 06 Apr 2019 04:29

Instrument :

MSVOA_U

ClientSampleId :

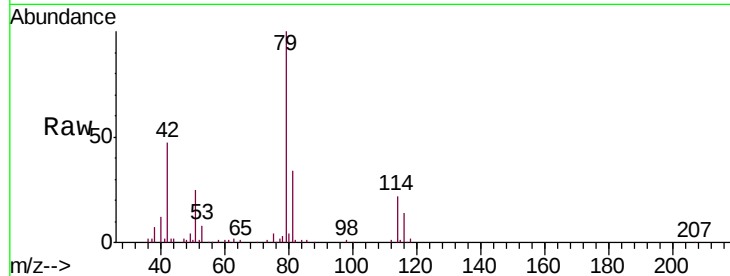
E3YE0DL

Tgt Ion: 75 Resp: 3564

Ion Ratio Lower Upper

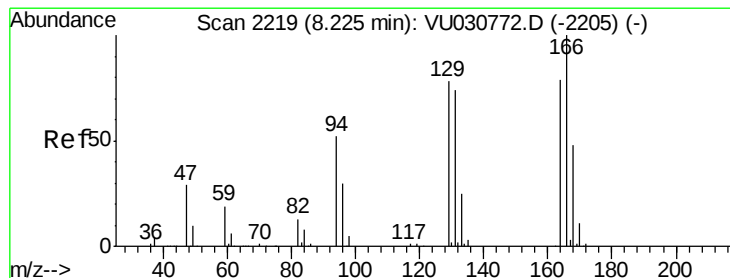
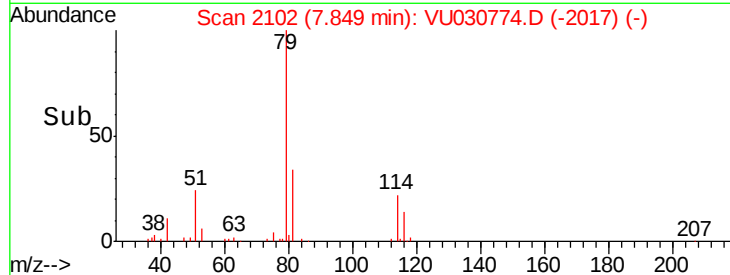
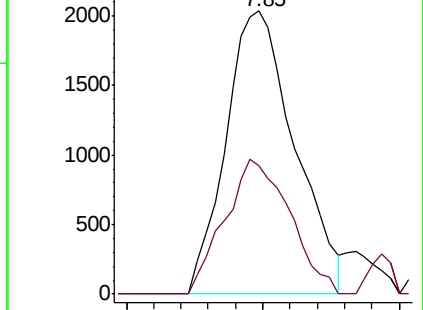
75 100

77 45.2 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU030774.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU030774.D (-2102) (-)



#46

Tetrachloroethene

Concen: 3.286 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU030774.D

Acq: 06 Apr 2019 04:29

Tgt Ion: 164 Resp: 8449

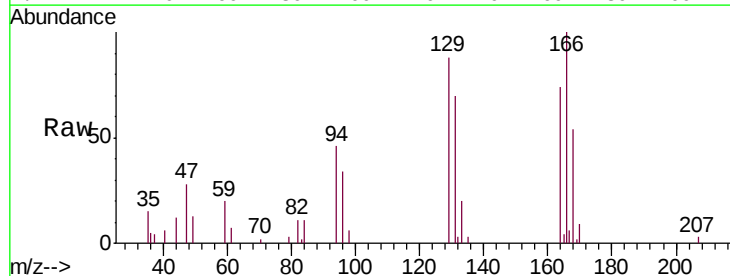
Ion Ratio Lower Upper

164 100

129 118.7 67.4 125.2

131 94.5 65.9 122.5

166 134.3 88.6 164.6

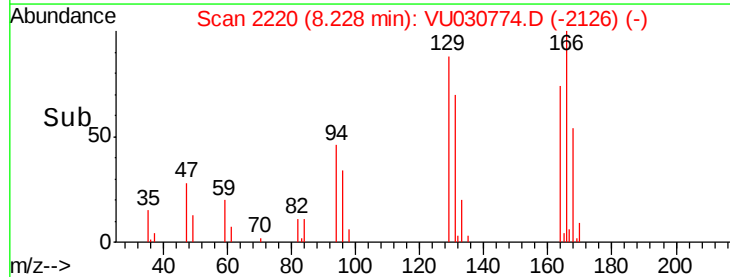
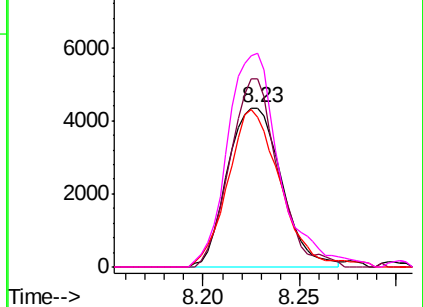


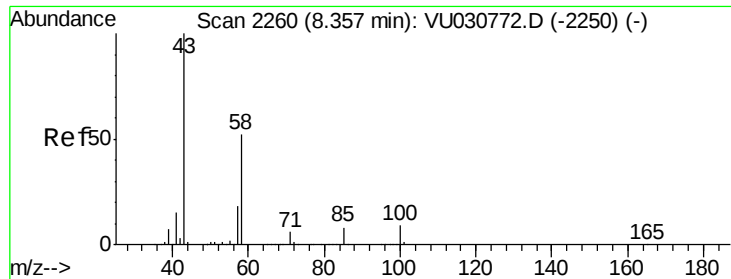
Abundance Ion 164.00 (163.70 to 164.70): VU030774.D (-2220) (-)

Ion 129.00 (128.70 to 129.70): VU030774.D (-2220) (-)

Ion 131.00 (130.70 to 131.70): VU030774.D (-2220) (-)

Ion 166.00 (165.70 to 166.70): VU030774.D (-2220) (-)

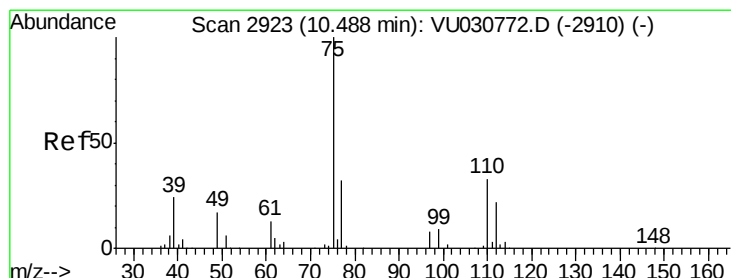
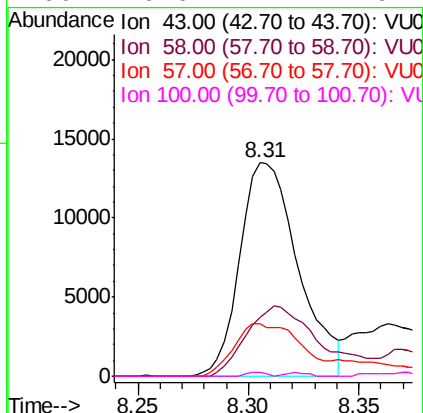
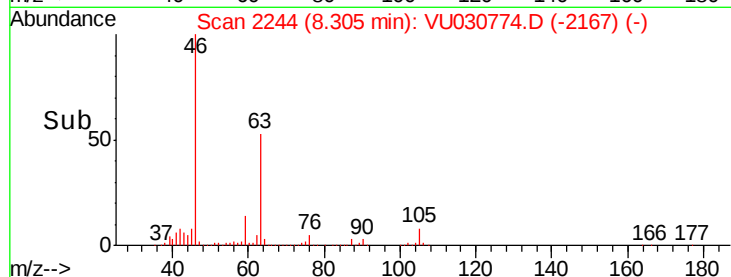
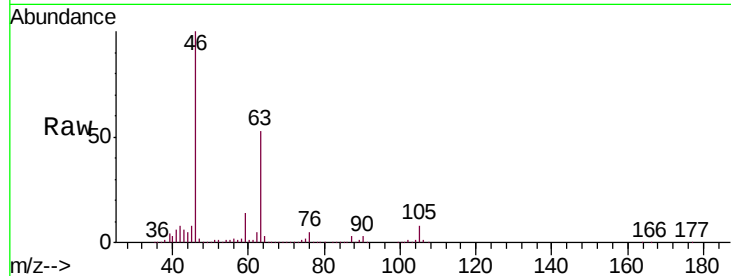




#48
 2-Hexanone
 Concen: 4.859 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0DL

Tgt Ion: 43 Resp: 24889
 Ion Ratio Lower Upper
 43 100
 58 36.8 41.9 62.9#
 57 16.7 14.3 21.5
 100 0.6 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.798 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030774.D
 Acq: 06 Apr 2019 04:29

Tgt Ion: 75 Resp: 23463
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.1 39.1

