

Data File : VU032780.D
Acq On : 17 Jun 2019 14:24
Operator : JC/SP
Sample : K3383-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XK5

Quant Time: Jun 18 02:42:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216642	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	205587	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	67116	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.68	69	53993	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.46%
11) 1,1-Dichloroethene-d2	2.27	63	102044	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	4.17	46	116701	94.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	4.64	84	128174	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.30	65	90229	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.33	84	259663	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.32	67	83063	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.56	98	237008	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%
43) trans-1,3-Dichloropropene-	7.85	79	40810	45.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.90%
47) 2-Hexanone-d5	8.31	63	74051	92.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.89%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117959	44.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	94344	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

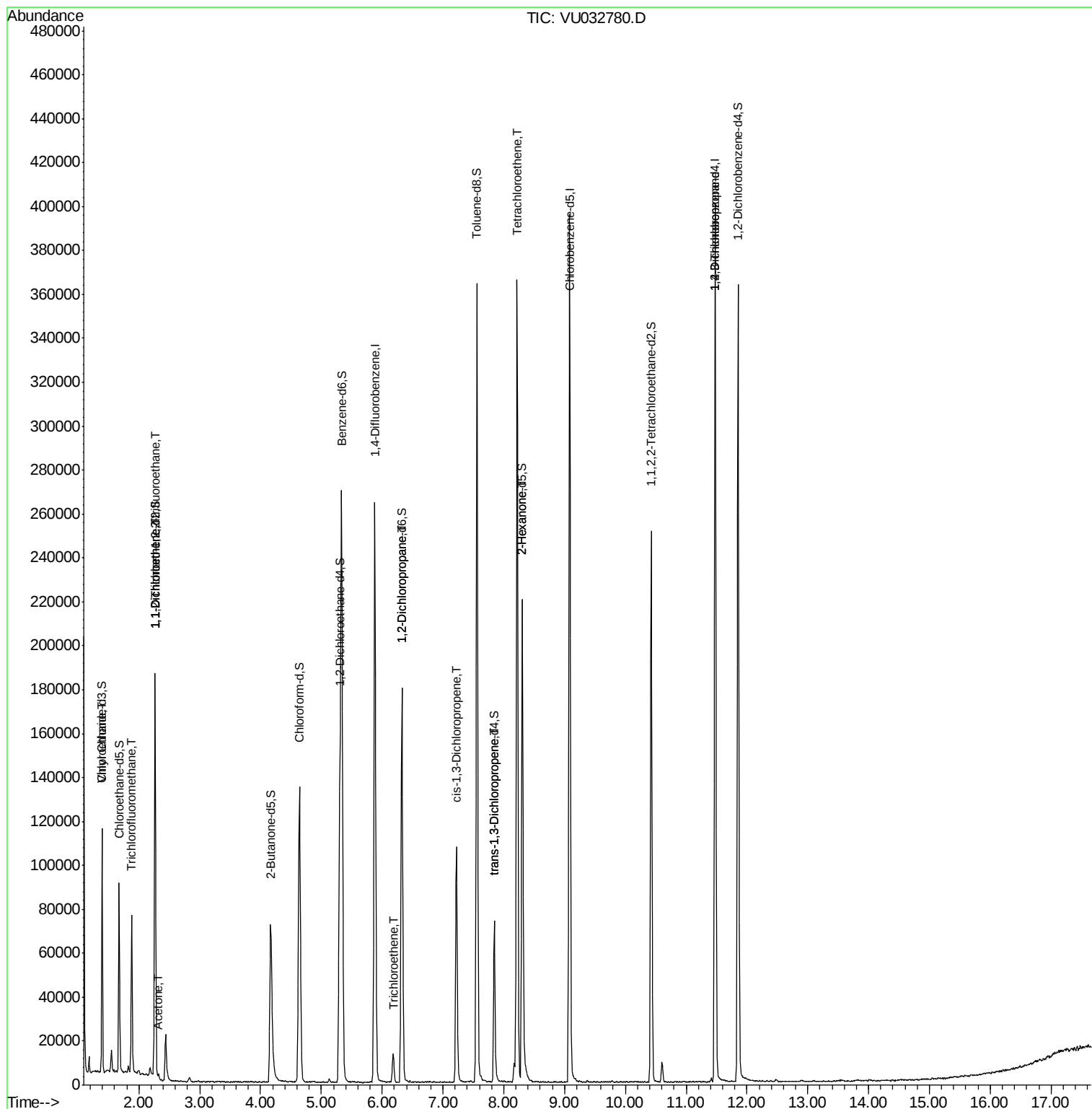
					Qvalue
8) Chloroethane	1.40	64	1031	0.910 ug/L #	1
9) Trichlorofluoromethane	1.88	101	40210	14.569 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	921	0.636 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	929	0.681 ug/L #	1
13) Acetone	2.32	43	1461	0.858 ug/L	86
34) Trichloroethene	6.18	95	4342	2.744 ug/L	95
37) 1,2-Dichloropropane	6.32	63	9809	6.038 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3089	1.220 ug/L #	67
44) trans-1,3-Dichloropropene	7.84	75	2102	0.884 ug/L	88
46) Tetrachloroethene	8.22	164	77251	59.578 ug/L	99
48) 2-Hexanone	8.31	43	9649	4.216 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	13373	6.168 ug/L	94

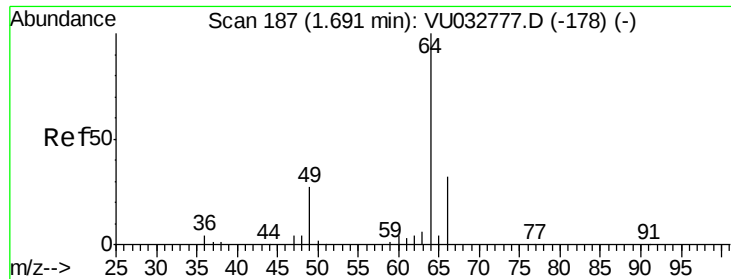
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
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#8

Chloroethane

Concen: 0.910 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

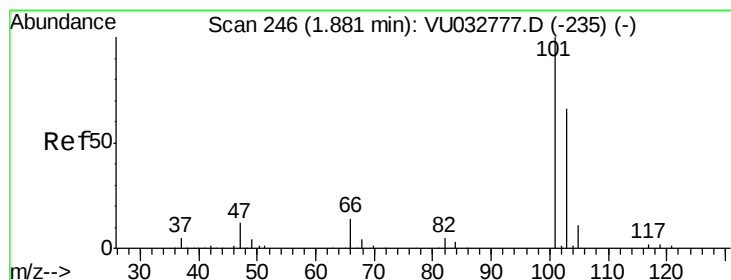
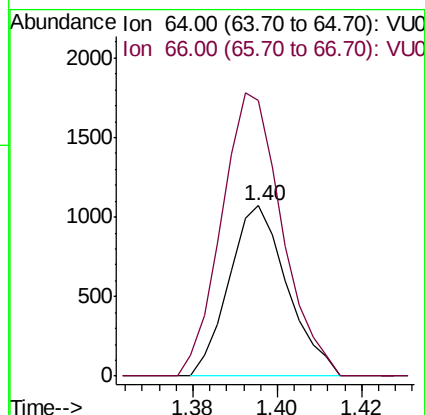
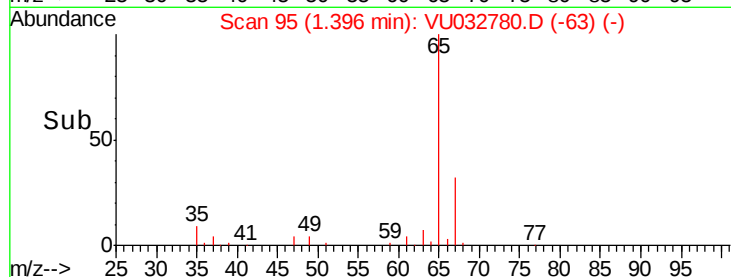
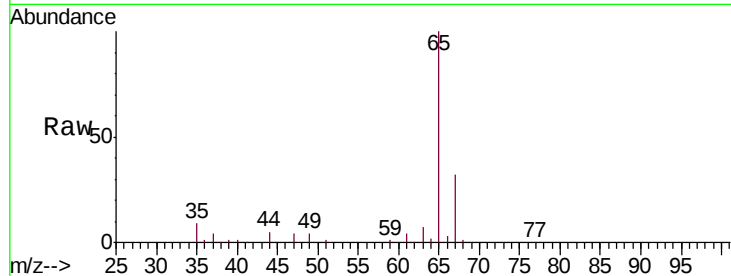
C0XK5

Tgt Ion: 64 Resp: 1031

Ion Ratio Lower Upper

64 100

66 161.7 22.5 41.7#



#9

Trichlorofluoromethane

Concen: 14.569 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU032780.D

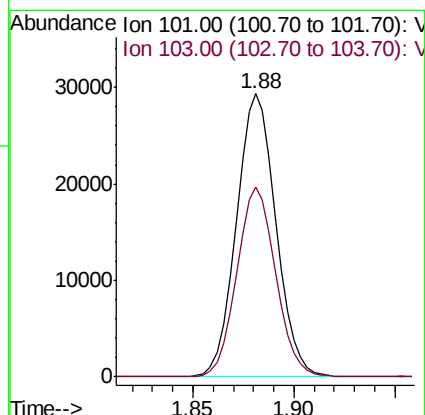
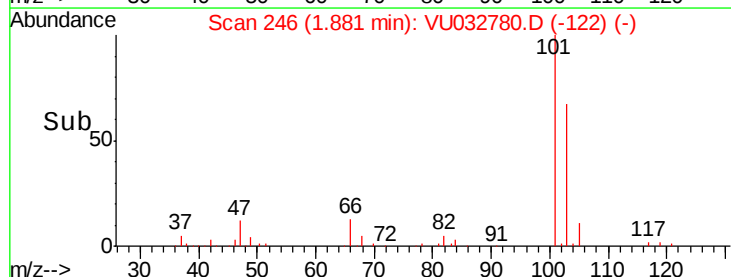
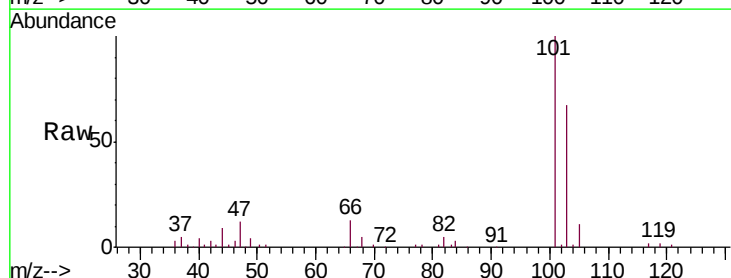
Acq: 17 Jun 2019 14:24

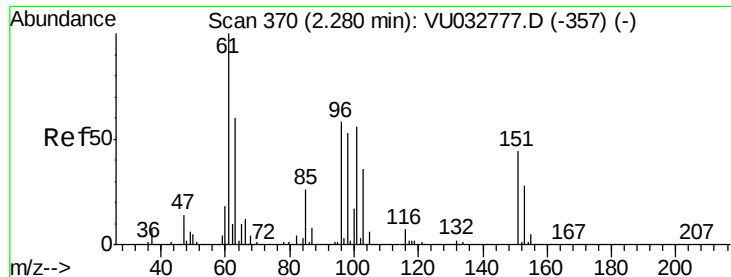
Tgt Ion: 101 Resp: 40210

Ion Ratio Lower Upper

101 100

103 66.0 51.3 76.9





#10

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

Concen: 0.636 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

C0XK5

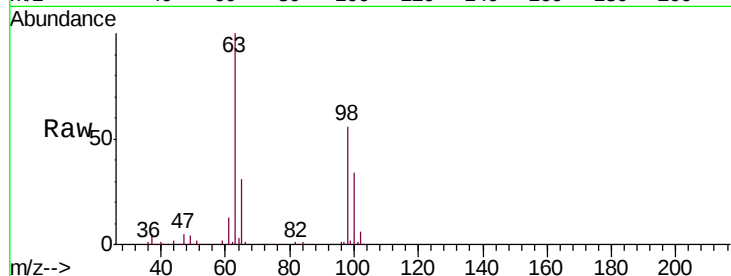
Tgt Ion: 101 Resp: 921

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

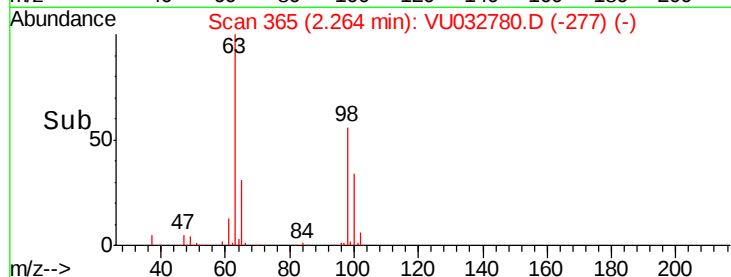
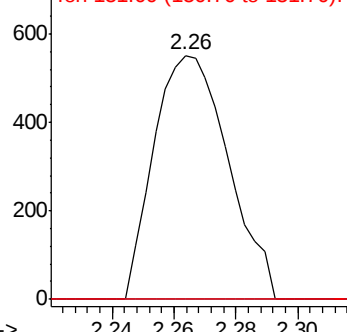
151 0.0 63.6 95.4#



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



#12

1,1-Dichloroethene

Concen: 0.681 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

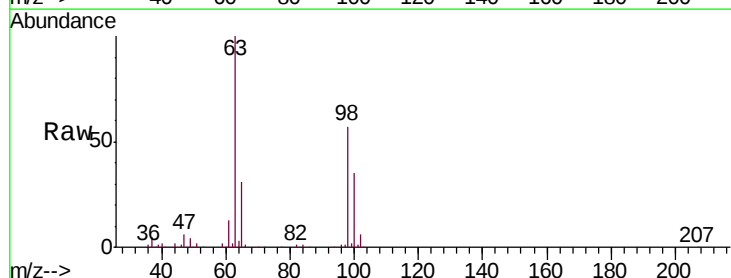
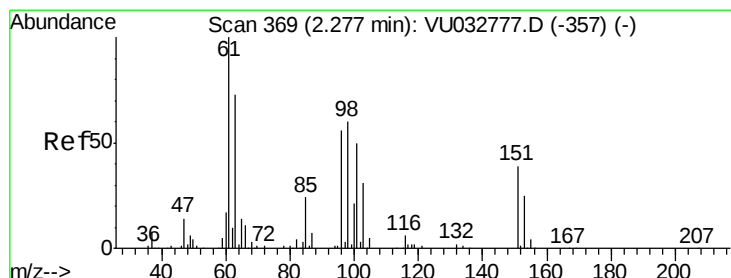
Tgt Ion: 96 Resp: 929

Ion Ratio Lower Upper

96 100

61 1444.0 131.0 243.4#

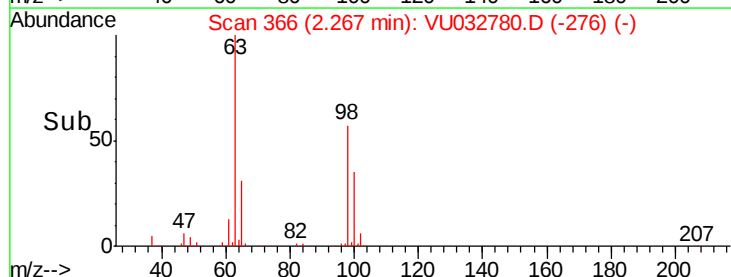
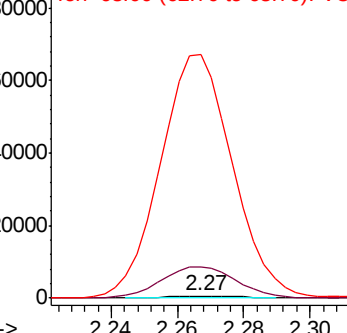
63 11091.6 101.0 187.6#

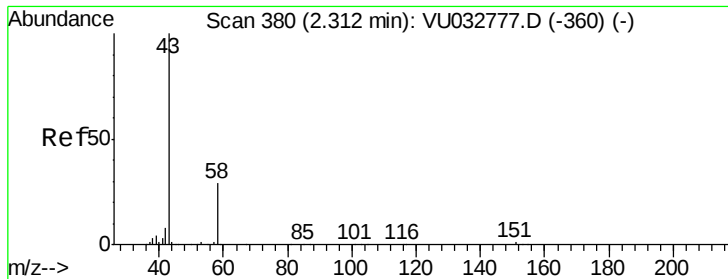


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.858 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

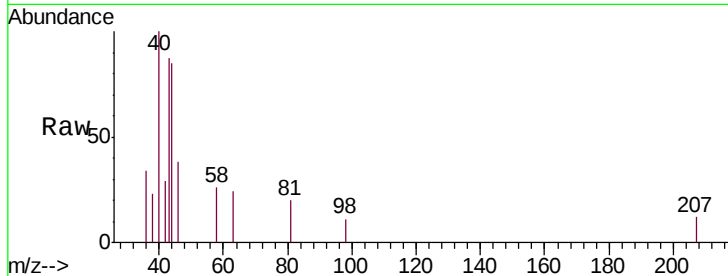
C0XK5

Tgt Ion: 43 Resp: 1461

Ion Ratio Lower Upper

43 100

58 22.8 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032777.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU032777.D (-360) (-)

2.32

800

600

400

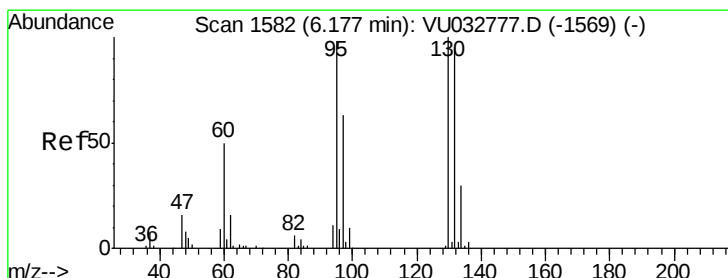
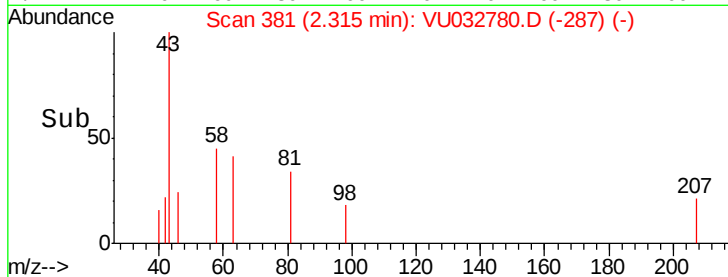
200

0

2.30

2.35

Time-->



#34

Trichloroethene

Concen: 2.744 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.01 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Tgt Ion: 95 Resp: 4342

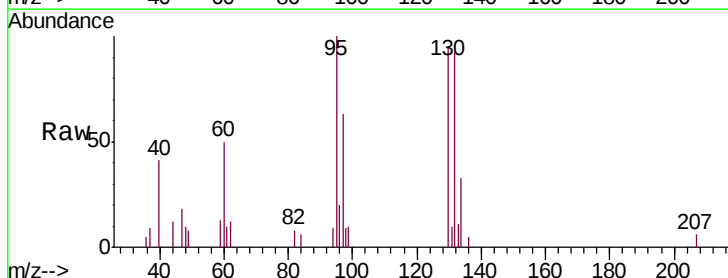
Ion Ratio Lower Upper

95 100

97 63.3 45.9 85.3

132 92.5 68.5 127.3

130 95.1 70.8 131.4



Abundance Ion 95.00 (94.70 to 95.70): VU032777.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032777.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032777.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032777.D (-1569) (-)

3000

2000

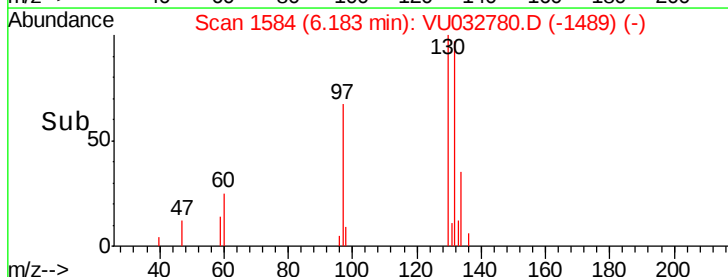
1000

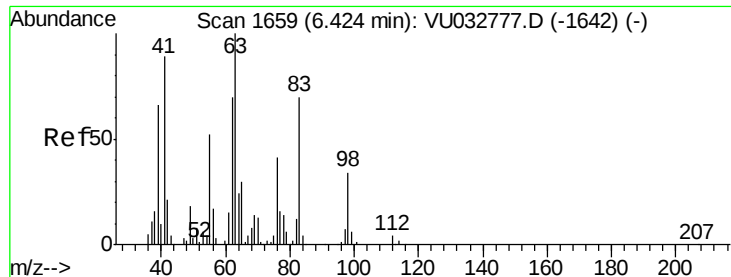
0

6.15

6.20

Time-->





#37

1,2-Dichloropropane

Concen: 6.038 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

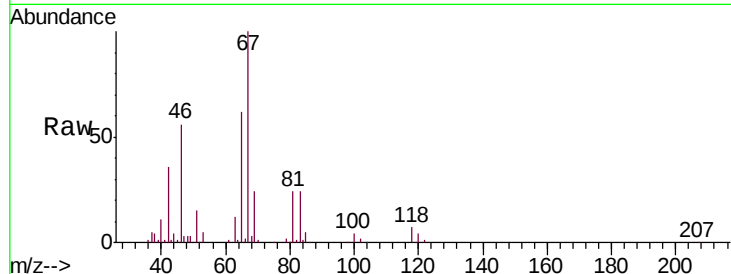
C0XK5

Tgt Ion: 63 Resp: 9809

Ion Ratio Lower Upper

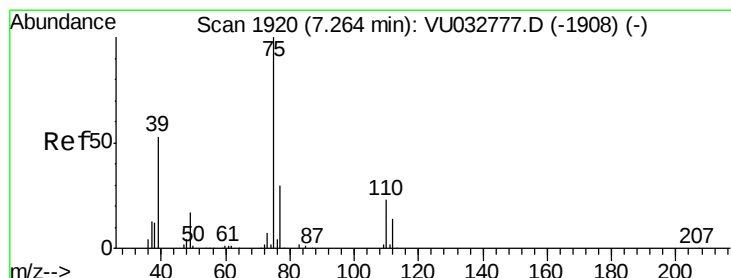
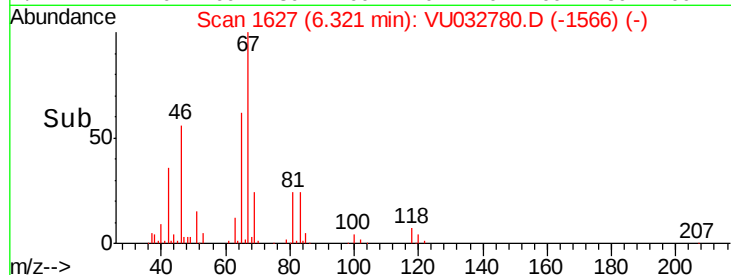
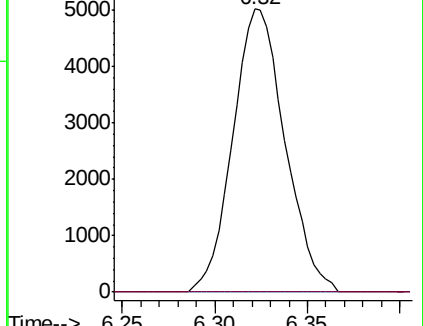
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU032777.D (-1642) (-)

Ion 112.00 (111.70 to 112.70): VU032777.D (-1642) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.220 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032780.D

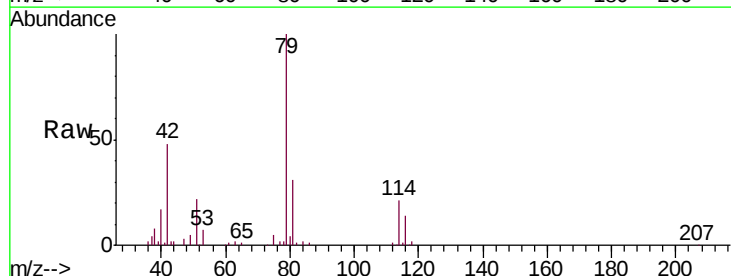
Acq: 17 Jun 2019 14:24

Tgt Ion: 75 Resp: 3089

Ion Ratio Lower Upper

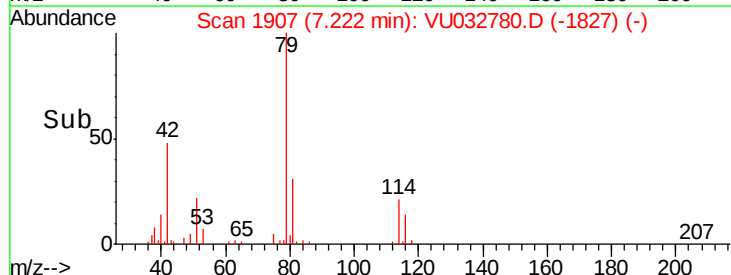
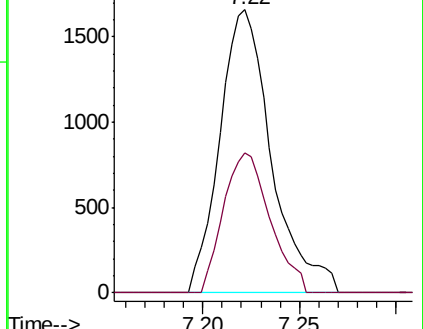
75 100

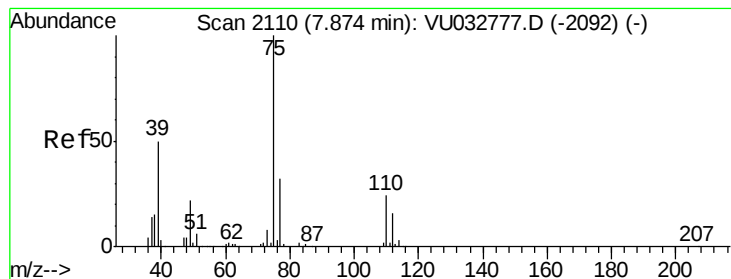
77 49.4 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU032777.D (-1908) (-)

Ion 77.00 (76.70 to 77.70): VU032777.D (-1908) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.884 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Instrument :

MSVOA_U

ClientSampleId :

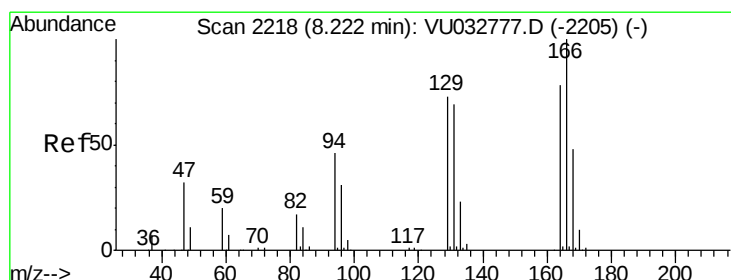
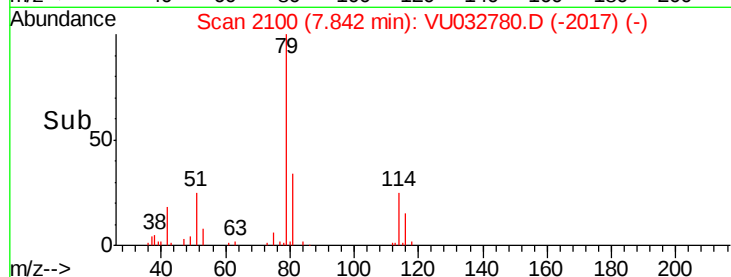
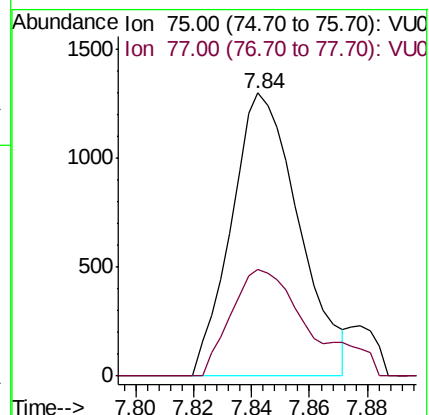
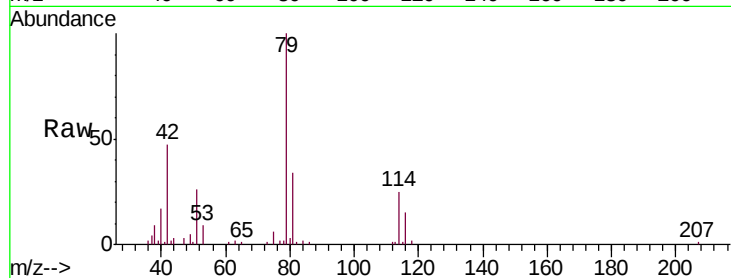
C0XK5

Tgt Ion: 75 Resp: 2102

Ion Ratio Lower Upper

75 100

77 37.7 21.8 40.4



#46

Tetrachloroethene

Concen: 59.578 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032780.D

Acq: 17 Jun 2019 14:24

Tgt Ion: 164 Resp: 77251

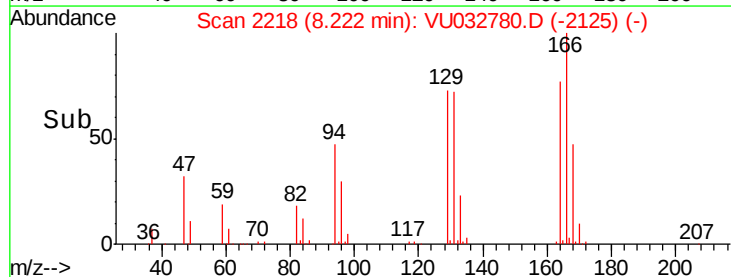
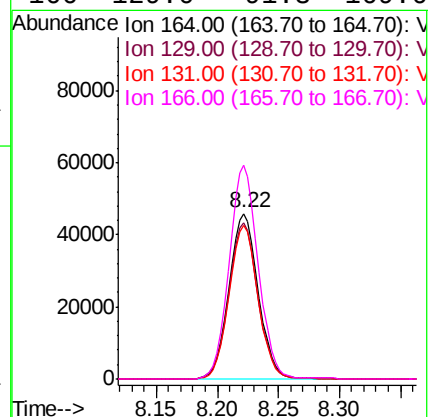
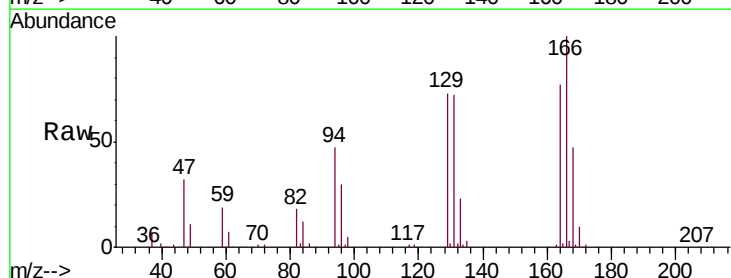
Ion Ratio Lower Upper

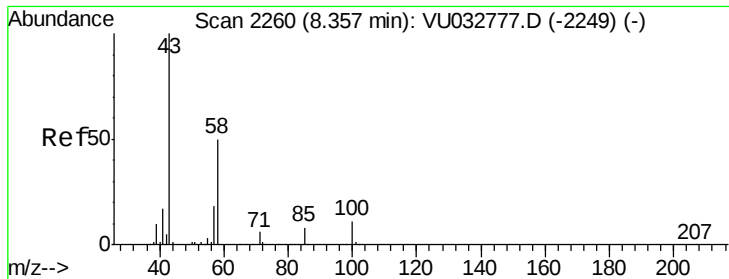
164 100

129 94.5 64.8 120.3

131 92.5 64.5 119.7

166 129.0 91.3 169.6

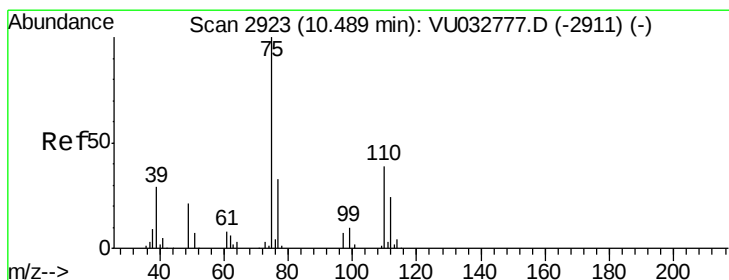
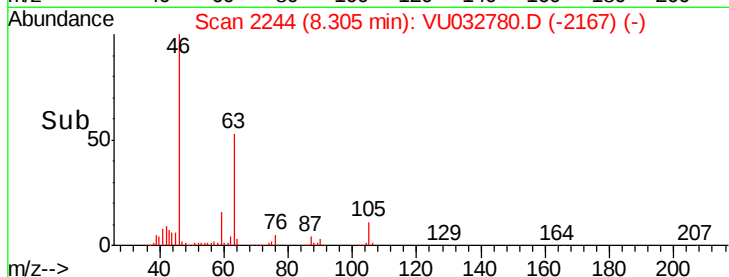
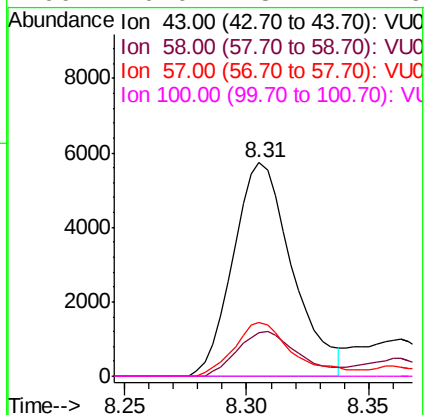
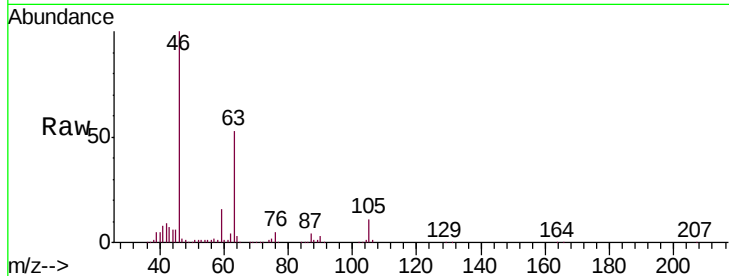




#48
2-Hexanone
Concen: 4.216 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032780.D
Acq: 17 Jun 2019 14:24

Instrument :
MSVOA_U
ClientSampleId :
C0XK5

Tgt Ion: 43 Resp: 9649
Ion Ratio Lower Upper
43 100
58 21.0 40.2 60.2#
57 25.0 14.2 21.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 6.168 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032780.D
Acq: 17 Jun 2019 14:24

Tgt Ion: 75 Resp: 13373
Ion Ratio Lower Upper
75 100
77 35.3 25.5 38.3

