

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035820.D
 Acq On : 22 Nov 2019 13:56
 Operator : JC/SP
 Sample : K5930-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AD2

Quant Time: Nov 23 00:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 00:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	240568	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	124412	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.93	69	116739	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.60	63	210021	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.69	46	346051	47.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	5.12	84	212171	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.75	65	137079	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.78	84	430990	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.74	67	154961	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.94	98	345093	3.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.40%#
43) trans-1,3-Dichloropropene-	8.22	79	53754	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.70	63	211401	37.20	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.40%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	121094	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	77622	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

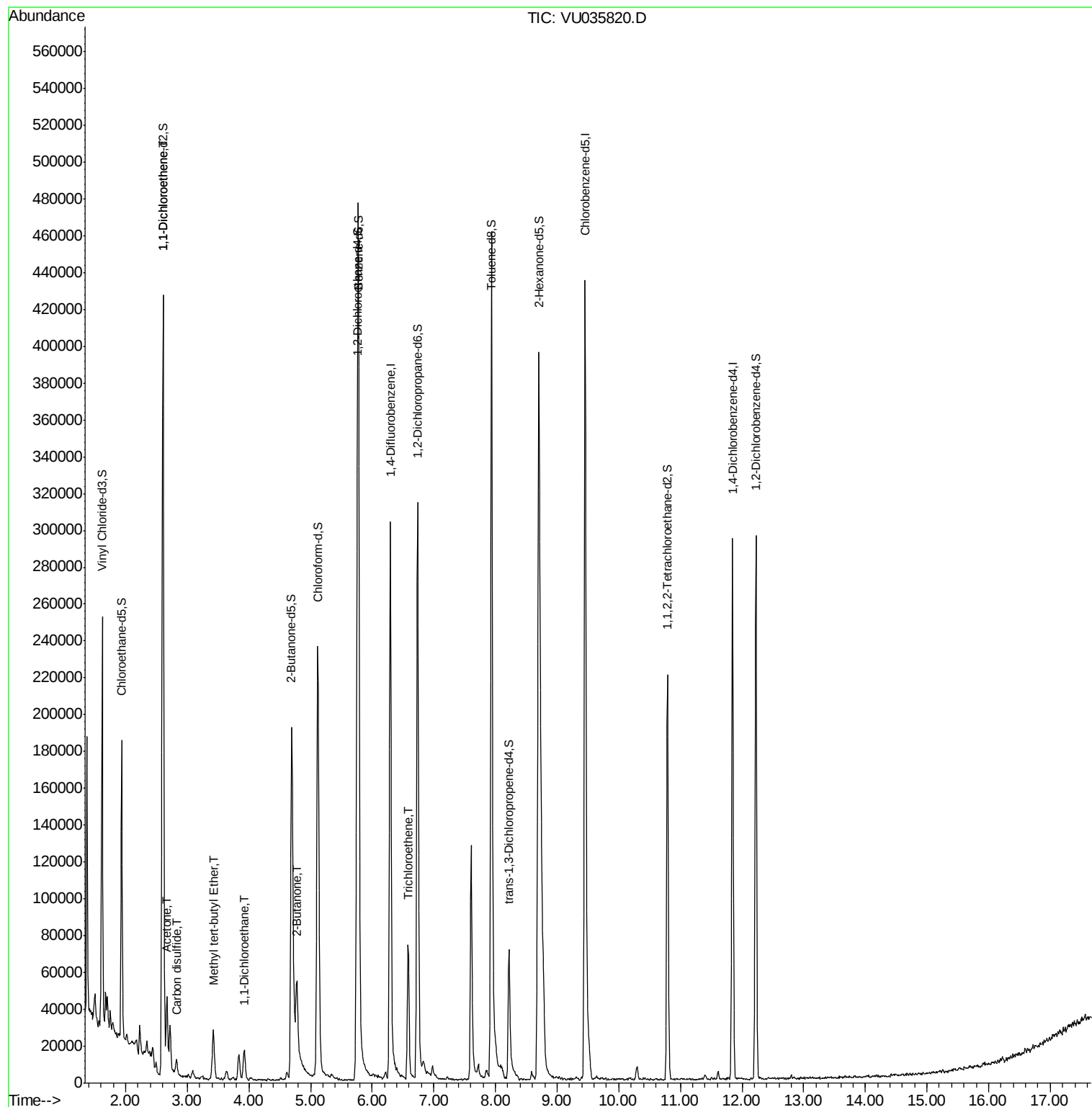
					Ovalue
12) 1,1-Dichloroethene	2.61	96	91143	3.641 ug/L	90
13) Acetone	2.67	43	44632	6.987 ug/L	92
14) Carbon disulfide	2.83	76	9682	0.116 ug/L	100
17) Methyl tert-butyl Ether	3.42	73	25277	0.417 ug/L #	91
19) 1,1-Dichloroethane	3.93	63	19160	0.346 ug/L	100
21) 2-Butanone	4.78	43	68264	8.446 ug/L	94
34) Trichloroethene	6.58	95	26064	0.901 ug/L	95

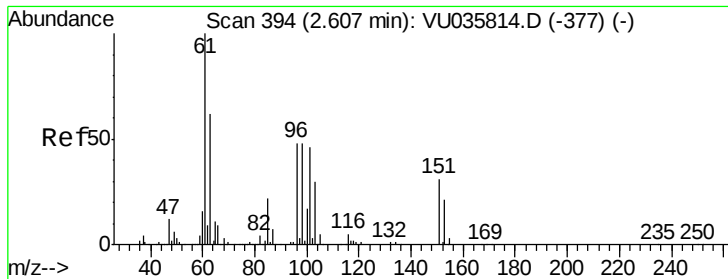
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.641 ug/L

RT: 2.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: VU035820.D

Acq: 22 Nov 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

B0AD2

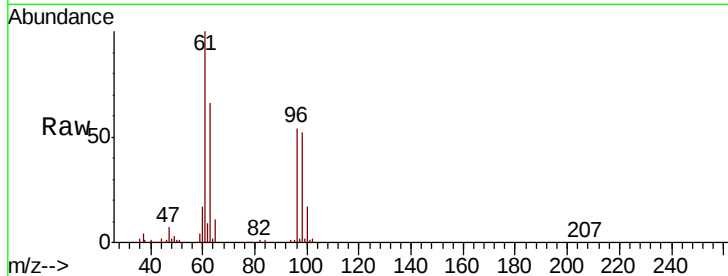
Tot Ion: 96 Resp: 91143

Ion Ratio Lower Upper

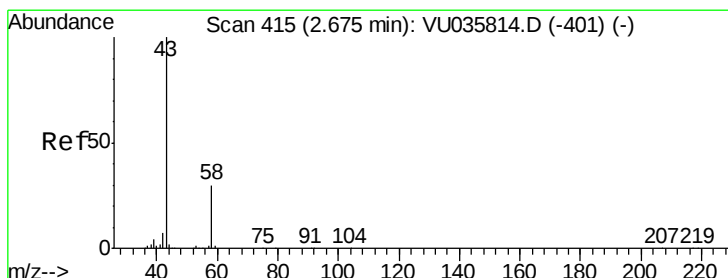
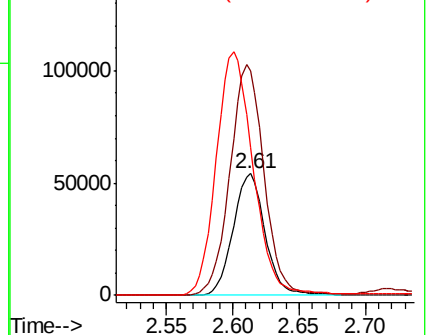
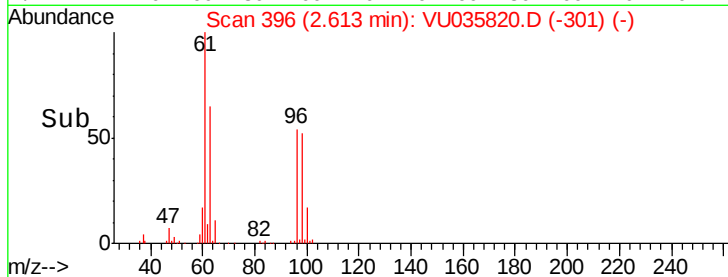
96 100

61 184.5 139.3 258.7

63 121.4 93.7 174.1



Abundance Ion 96.00 (95.70 to 96.70): VU035820.D (-301) (-)



#13

Acetone

Concen: 6.987 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.00 min

Lab File: VU035820.D

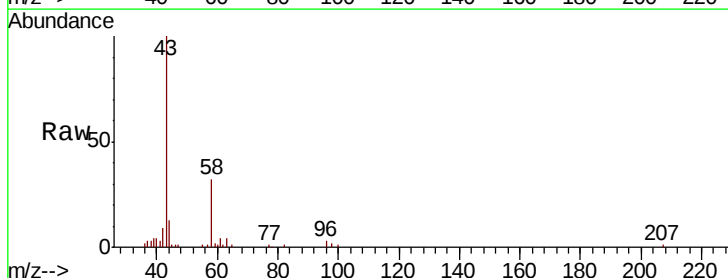
Acq: 22 Nov 2019 13:56

Tgt Ion: 43 Resp: 44632

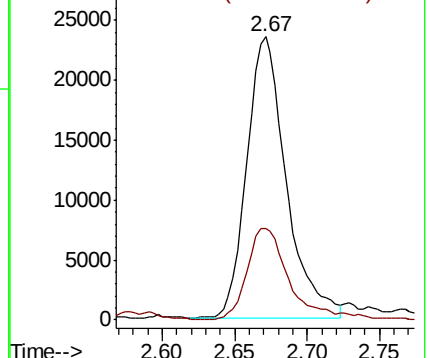
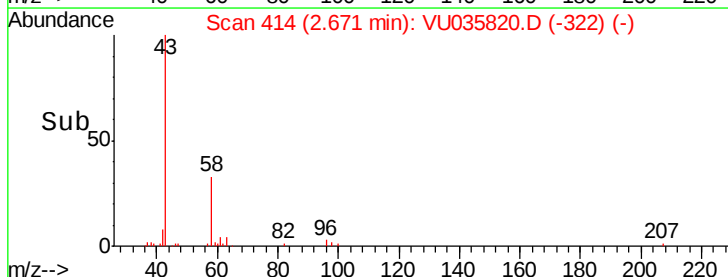
Ion Ratio Lower Upper

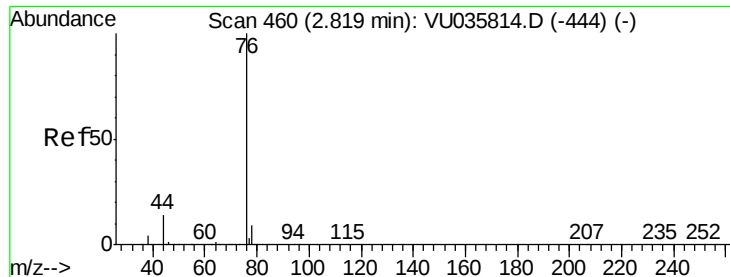
43 100

58 35.1 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035820.D (-322) (-)





#14

Carbon disulfide

Concen: 0.116 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU035820.D

Acq: 22 Nov 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

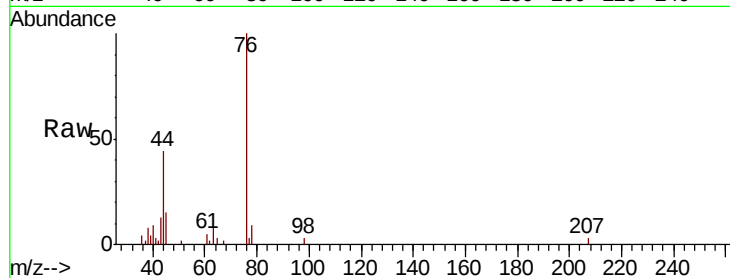
B0AD2

Tot Ion: 76 Resp: 9682

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035820.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU035820.D (-444) (-)

2.83

6000

5000

4000

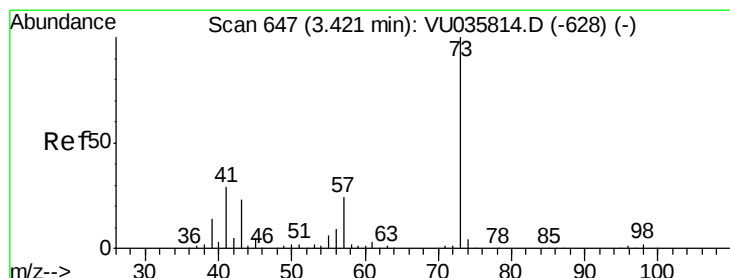
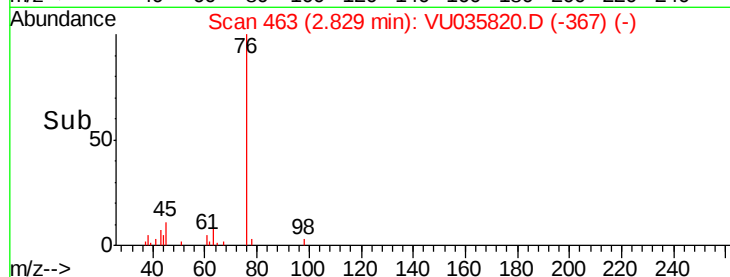
3000

2000

1000

0

Time--> 2.75 2.80 2.85



#17

Methyl tert-butyl Ether

Concen: 0.417 ug/L

RT: 3.42 min Scan# 648

Delta R.T. 0.00 min

Lab File: VU035820.D

Acq: 22 Nov 2019 13:56

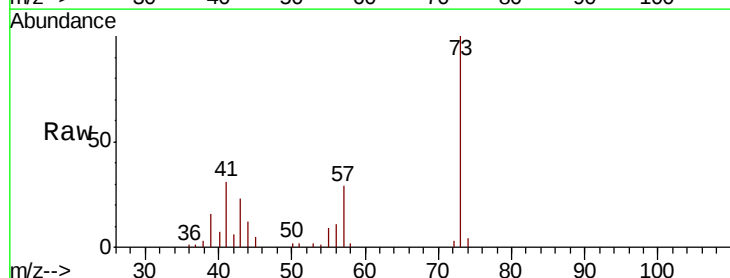
Tgt Ion: 73 Resp: 25277

Ion Ratio Lower Upper

73 100

43 28.4 17.4 26.2#

57 26.5 19.4 29.0



Abundance Ion 73.10 (72.80 to 73.80): VU035820.D (-628) (-)

Ion 43.05 (42.75 to 43.75): VU035820.D (-628) (-)

Ion 57.10 (56.80 to 57.80): VU035820.D (-628) (-)

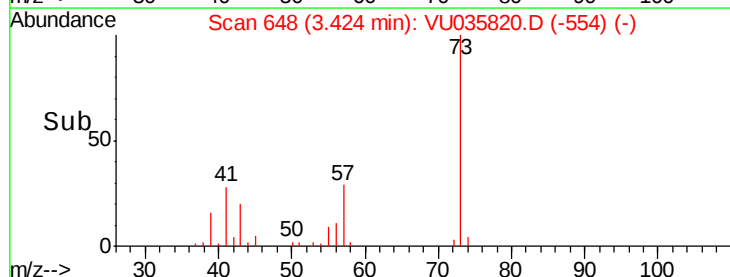
3.42

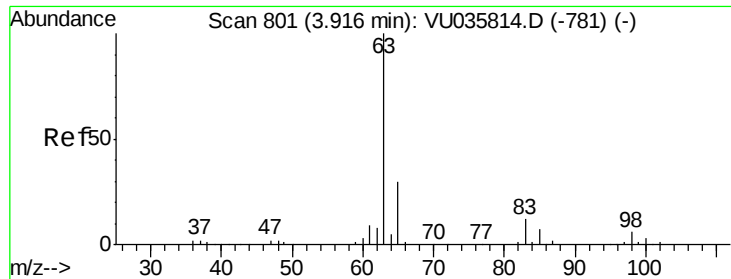
10000

5000

0

Time--> 3.35 3.40 3.45 3.50





#19

1,1-Dichloroethane

Concen: 0.346 ug/L

RT: 3.93 min Scan# 804

Delta R.T. 0.01 min

Lab File: VU035820.D

Acq: 22 Nov 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

B0AD2

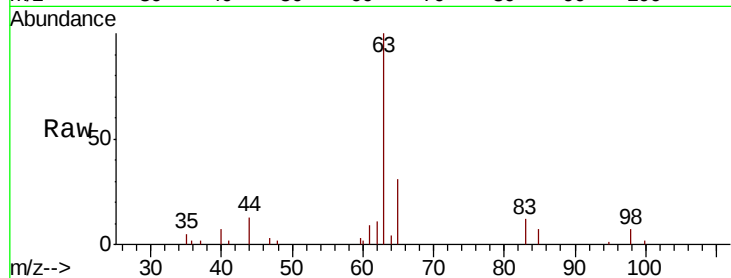
Tot Ion: 63 Resp: 19160

Ion Ratio Lower Upper

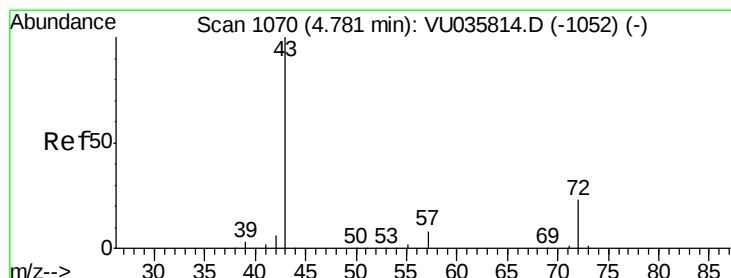
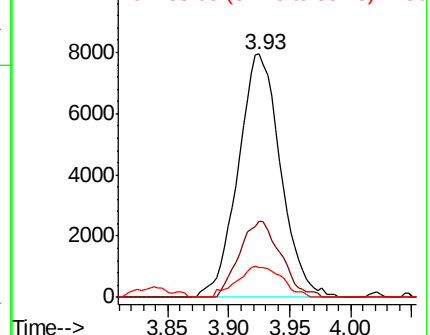
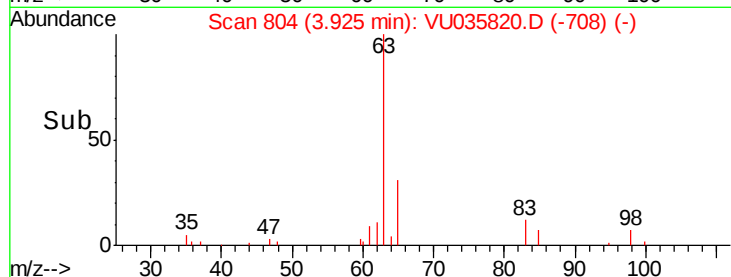
63 100

65 31.0 21.8 40.4

83 12.0 8.6 16.0



Abundance Ion 63.10 (62.80 to 63.80): VU035820.D (-708) (-)



#21

2-Butanone

Concen: 8.446 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VU035820.D

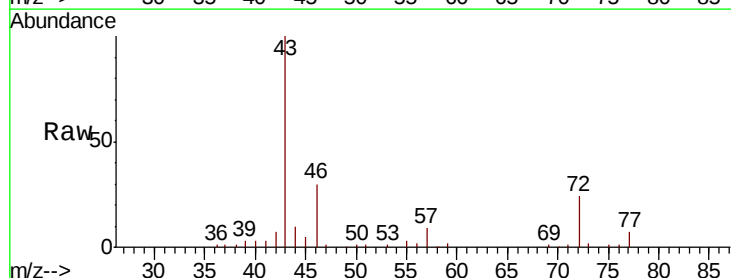
Acq: 22 Nov 2019 13:56

Tgt Ion: 43 Resp: 68264

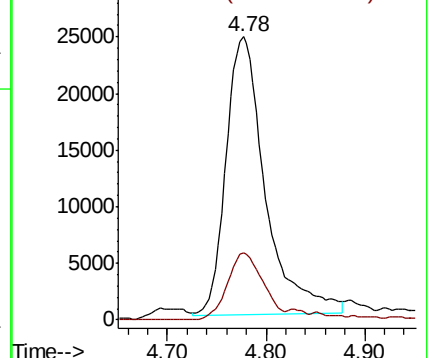
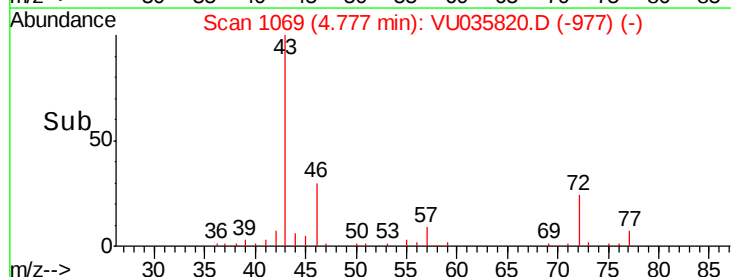
Ion Ratio Lower Upper

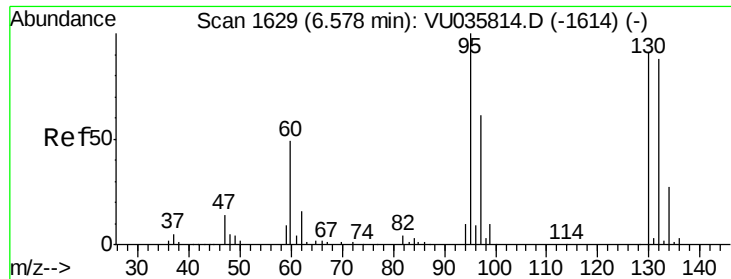
43 100

72 21.8 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU035820.D (-977) (-)





#34

Trichloroethene

Concen: 0.901 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VU035820.D

Acq: 22 Nov 2019 13:56

Instrument :

MSVOA_U

ClientSampleId :

B0AD2

Tot Ion: 95 Resp: 26064

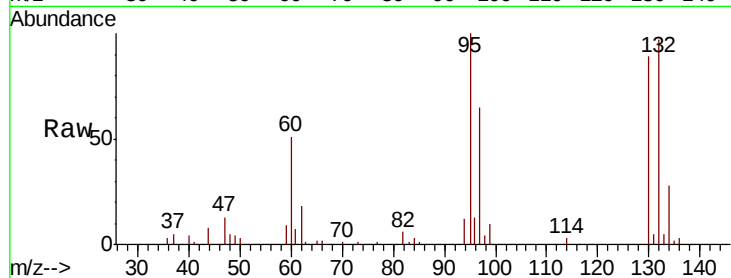
Ion Ratio Lower Upper

95 100

97 64.7 45.1 83.9

132 96.6 61.9 114.9

130 89.0 66.3 123.1



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

