

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035819.D
 Acq On : 22 Nov 2019 13:34
 Operator : JC/SP
 Sample : K5930-19 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AD6

Quant Time: Nov 23 00:42:14 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	235541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.46	117	278181	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	70029	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	135688	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.93	69	126852	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.60	63	183086	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.69	46	321755	45.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.38%
24) Chloroform-d	5.11	84	236093	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	137796	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.77	84	458857	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.74	67	166192	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	360224	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.22	79	52177	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.70	63	188316	33.67	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.34%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	118805	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	74711	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

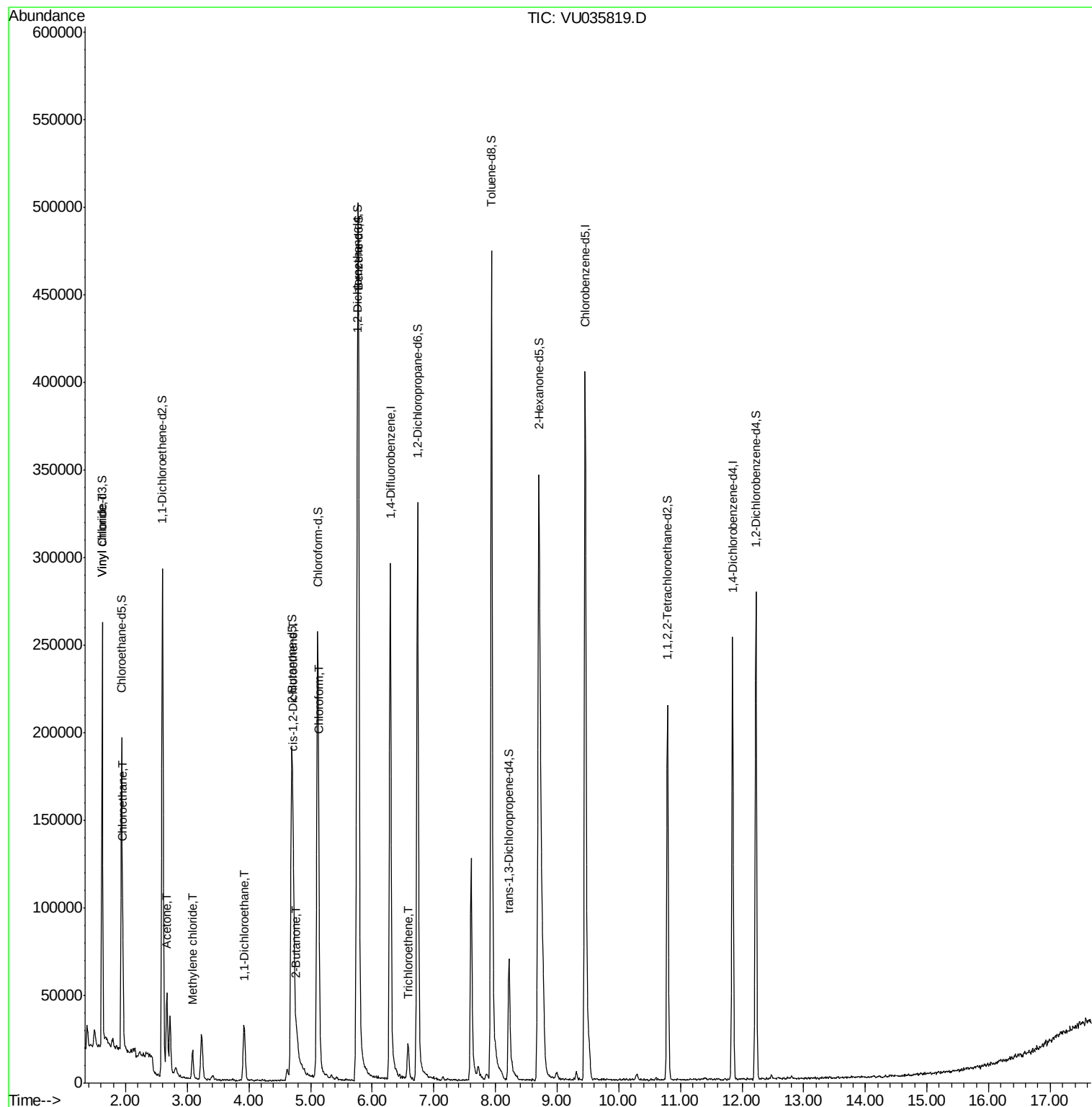
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	43269	1.100	ug/L	# 74
8) Chloroethane	1.96	64	33780	1.484	ug/L	98
13) Acetone	2.67	43	57440	9.185	ug/L	99
16) Methylene chloride	3.09	84	6829	0.231	ug/L	97
19) 1,1-Dichloroethane	3.93	63	36814	0.679	ug/L	92
21) 2-Butanone	4.77	43	16473	2.082	ug/L	77
22) cis-1,2-Dichloroethene	4.72	96	31721	1.180	ug/L	95
25) Chloroform	5.14	83	30414	0.576	ug/L	99
34) Trichloroethene	6.58	95	6769	0.238	ug/L	93

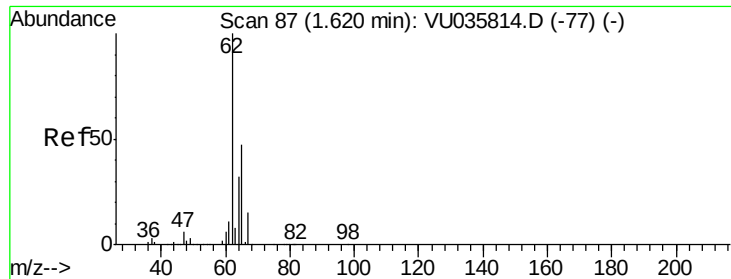
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 23 00:14:30 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.100 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VU035819.D

Acq: 22 Nov 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

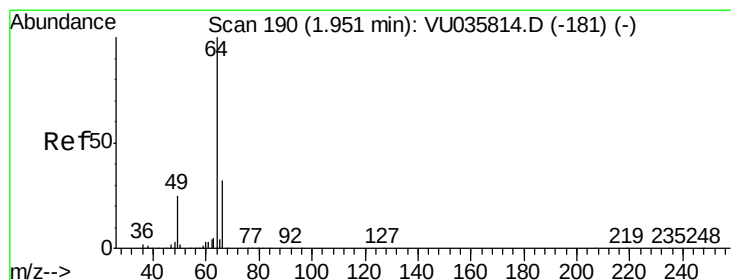
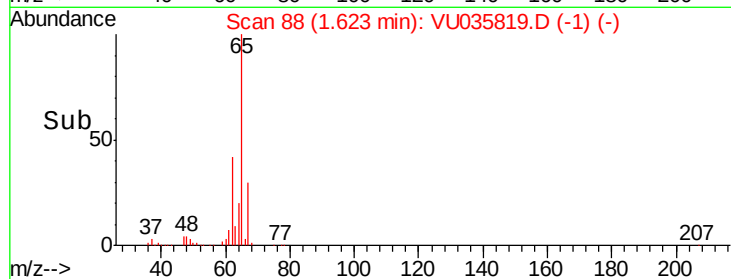
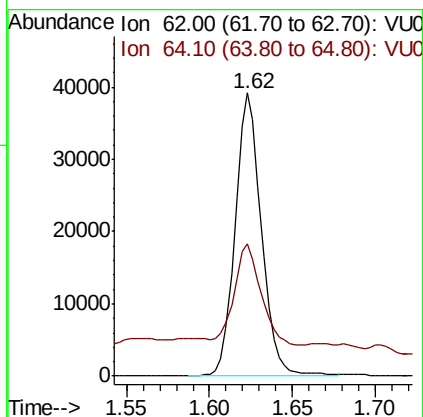
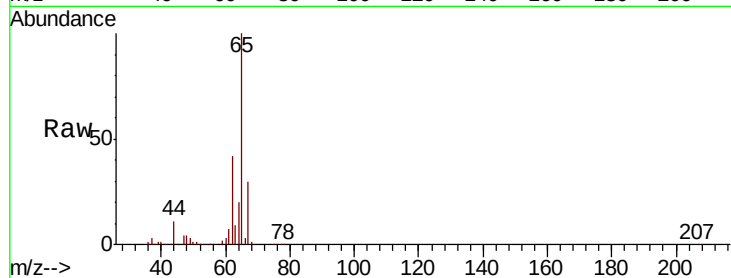
B0AD6

Tot Ion: 62 Resp: 43269

Ion Ratio Lower Upper

62 100

64 46.6 22.5 41.9#



#8

Chloroethane

Concen: 1.484 ug/L

RT: 1.96 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU035819.D

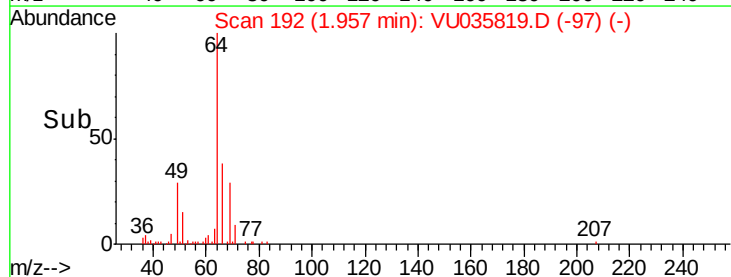
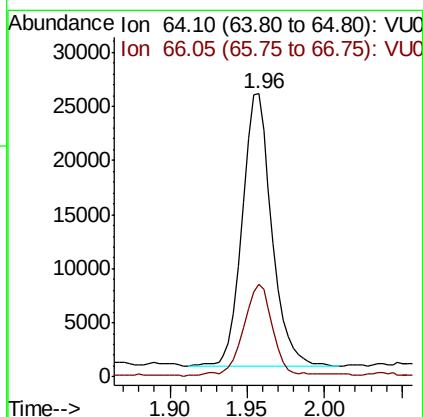
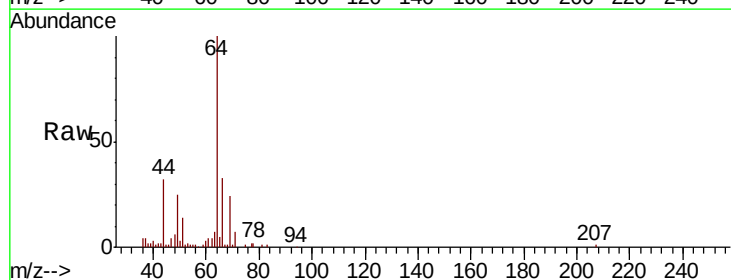
Acq: 22 Nov 2019 13:34

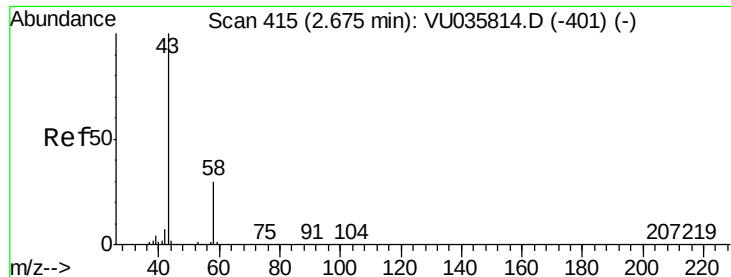
Tgt Ion: 64 Resp: 33780

Ion Ratio Lower Upper

64 100

66 32.8 22.3 41.5





#13

Acetone

Concen: 9.185 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU035819.D

Acq: 22 Nov 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

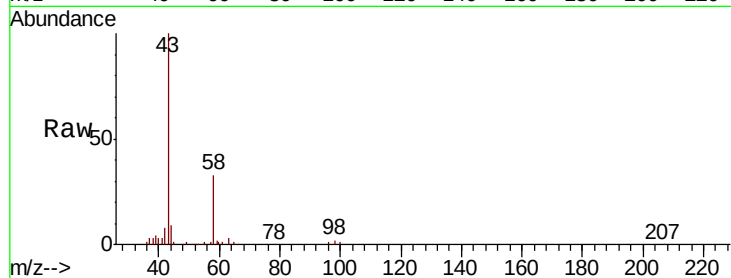
B0AD6

Tot Ion: 43 Resp: 57440

Ion Ratio Lower Upper

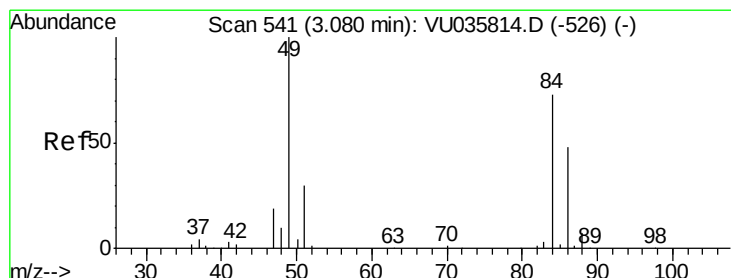
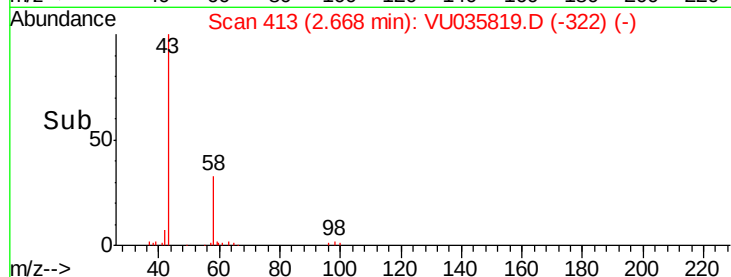
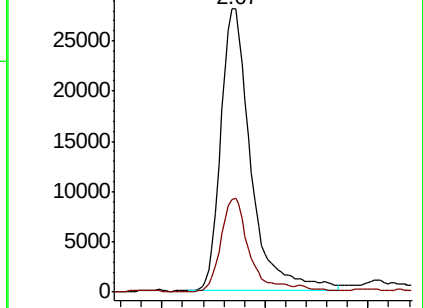
43 100

58 31.4 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035819.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU035819.D (-401) (-)



#16

Methylene chloride

Concen: 0.231 ug/L

RT: 3.09 min Scan# 544

Delta R.T. 0.01 min

Lab File: VU035819.D

Acq: 22 Nov 2019 13:34

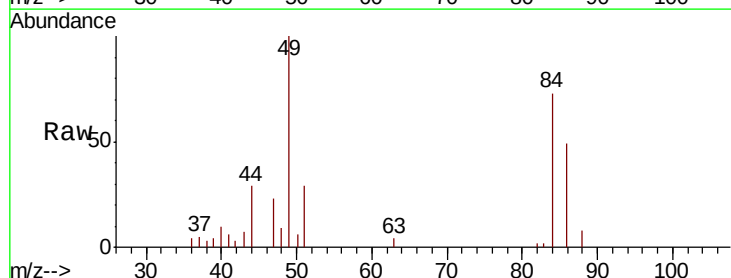
Tgt Ion: 84 Resp: 6829

Ion Ratio Lower Upper

84 100

86 66.7 44.4 82.5

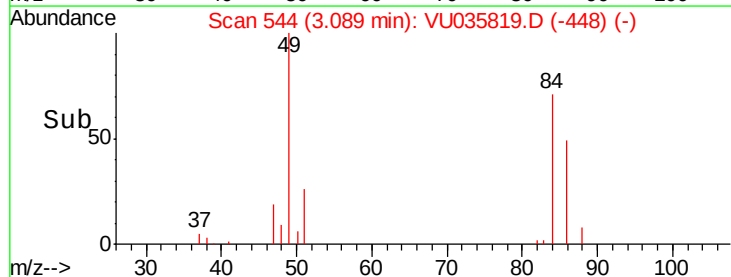
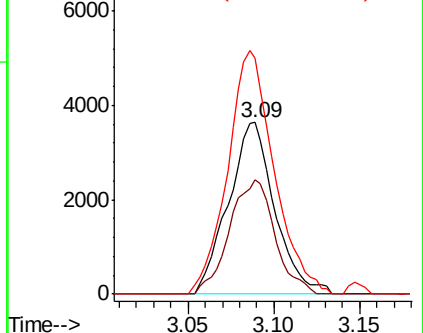
49 137.1 94.0 174.6

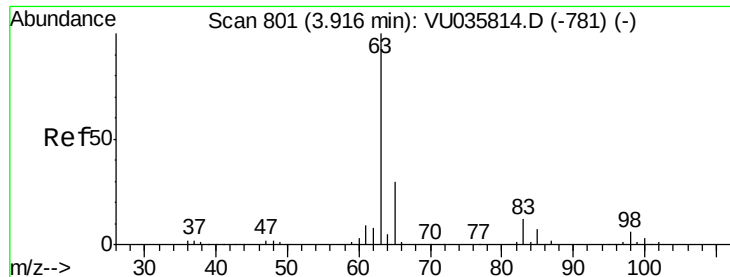


Abundance Ion 84.05 (83.75 to 84.75): VU035819.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035819.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035819.D (-526) (-)

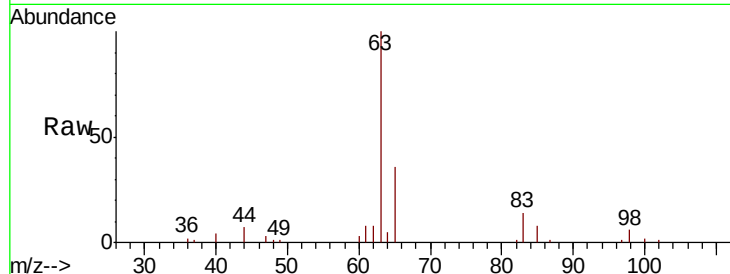




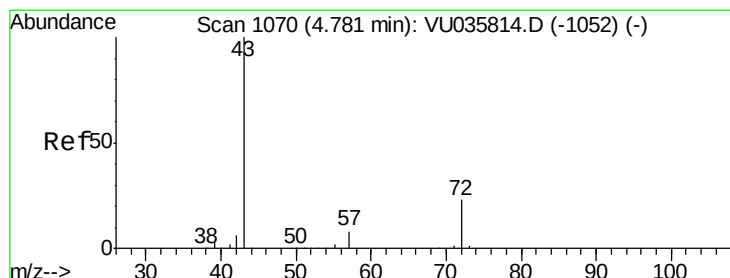
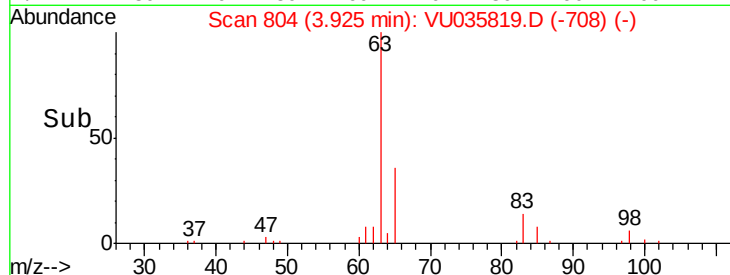
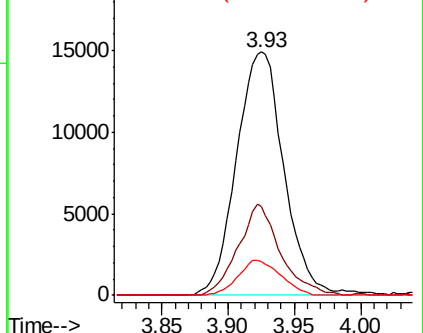
#19
 1,1-Dichloroethane
 Concen: 0.679 ug/L
 RT: 3.93 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: VU035819.D
 Acq: 22 Nov 2019 13:34

Instrument :
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 ClientSampleId :
 B0AD6

Tot Ion: 63 Resp: 36814
 Ion Ratio Lower Upper
 63 100
 65 36.5 21.8 40.4
 83 13.6 8.6 16.0

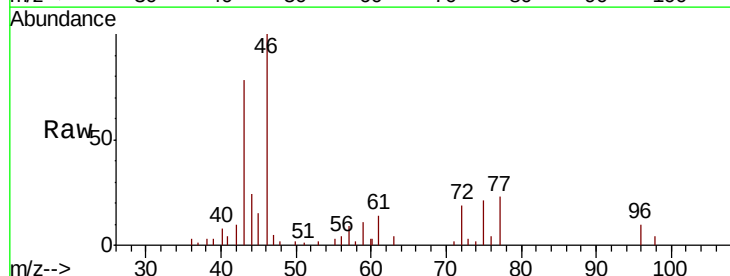


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

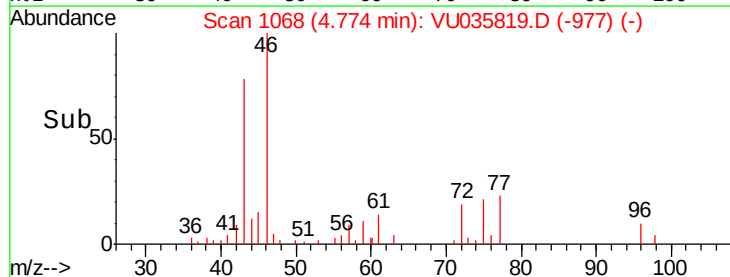
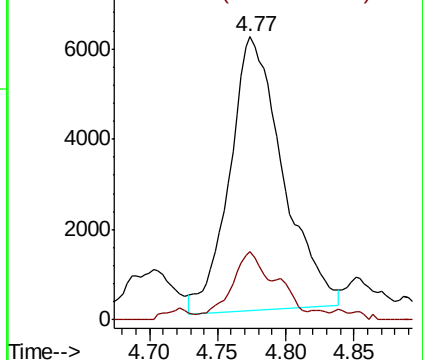


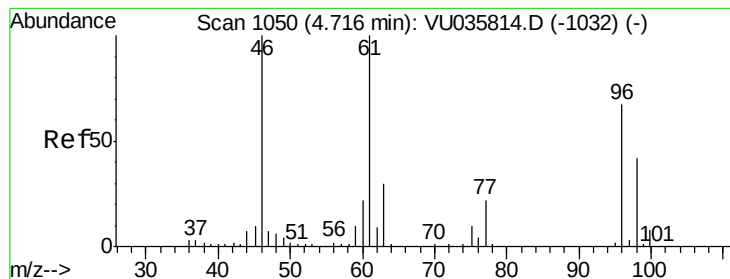
#21
 2-Butanone
 Concen: 2.082 ug/L
 RT: 4.77 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: VU035819.D
 Acq: 22 Nov 2019 13:34

Tgt Ion: 43 Resp: 16473
 Ion Ratio Lower Upper
 43 100
 72 13.5 12.4 37.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 1.180 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035819.D

Acq: 22 Nov 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

B0AD6

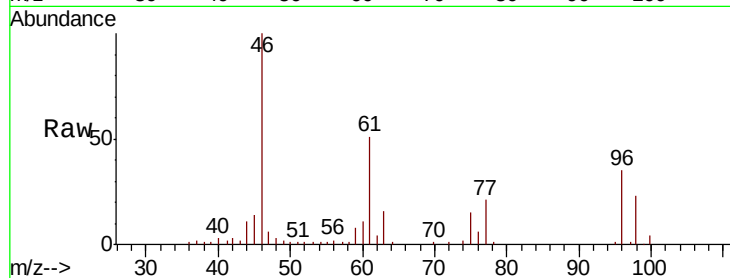
Tot Ion: 96 Resp: 31721

Ion Ratio Lower Upper

96 100

61 146.7 98.1 182.1

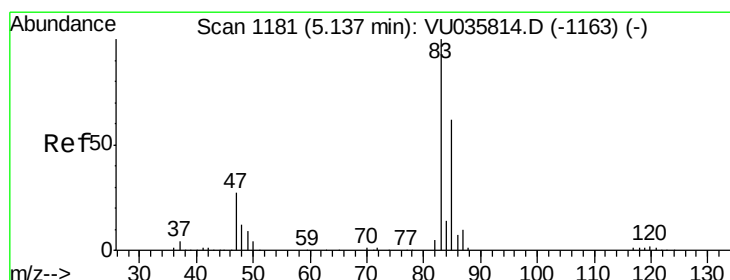
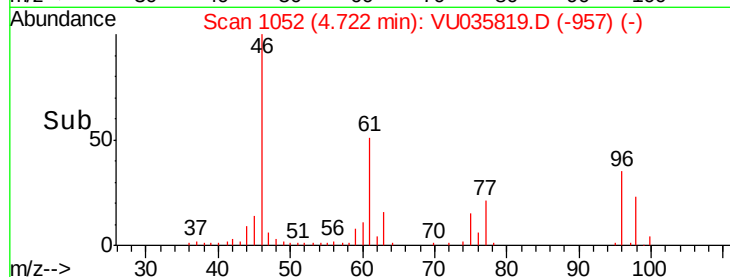
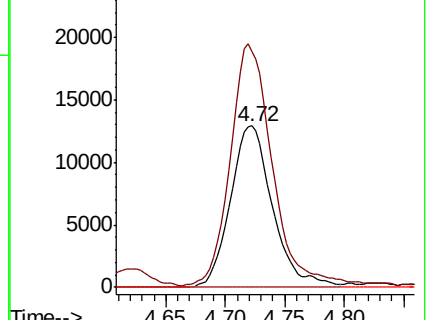
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035819.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035819.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035819.D (-1032) (-)



#25

Chloroform

Concen: 0.576 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU035819.D

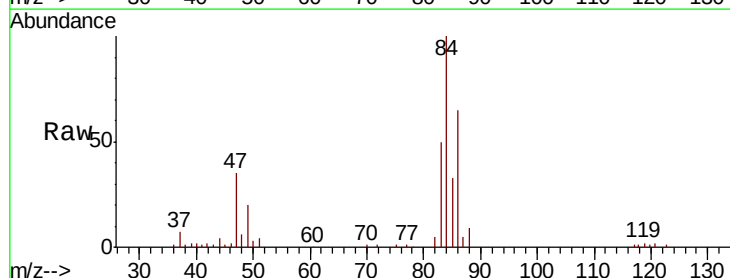
Acq: 22 Nov 2019 13:34

Tgt Ion: 83 Resp: 30414

Ion Ratio Lower Upper

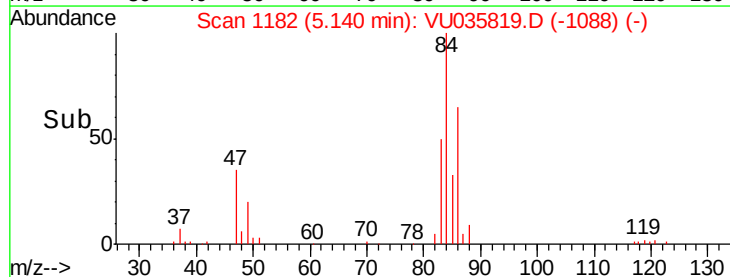
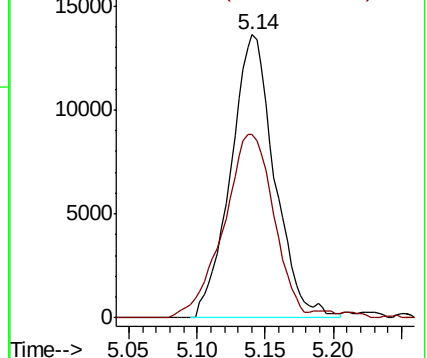
83 100

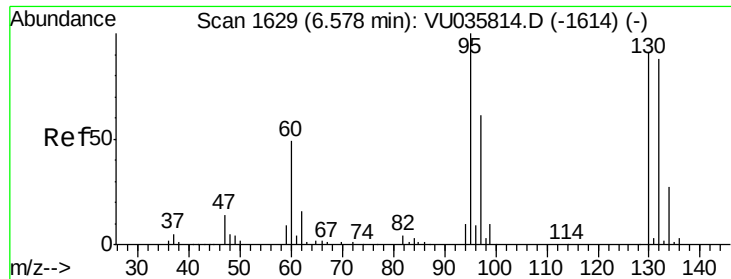
85 64.8 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035819.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035819.D (-1088) (-)





#34

Trichloroethene

Concen: 0.238 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035819.D

Acq: 22 Nov 2019 13:34

Instrument :

MSVOA_U

ClientSampleId :

B0AD6

Tot Ion: 95 Resp: 6769

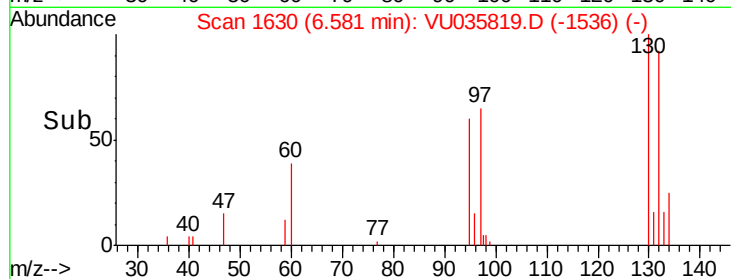
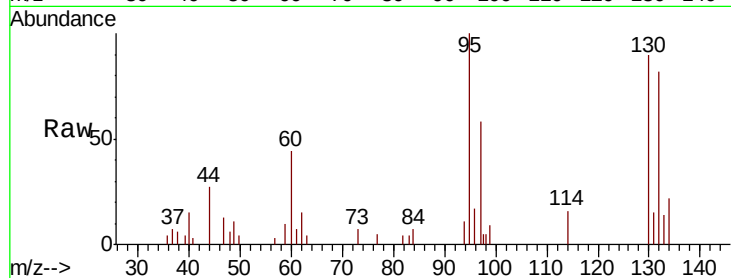
Ion Ratio Lower Upper

95 100

97 58.3 45.1 83.9

132 82.1 61.9 114.9

130 89.5 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

