

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035767.D
 Acq On : 19 Nov 2019 13:39
 Operator : JC/SP
 Sample : K5930-06 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA6

Quant Time: Nov 20 01:33:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 00:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232095	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	113136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86817	3.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	1.93	69	86331	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	116890	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.70	46	251798	47.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	5.11	84	169654	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.75	65	92392	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.77	84	341630	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.74	67	117564	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.93	98	278687	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	8.22	79	40241	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.68	63	175790	41.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104312	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	106561	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

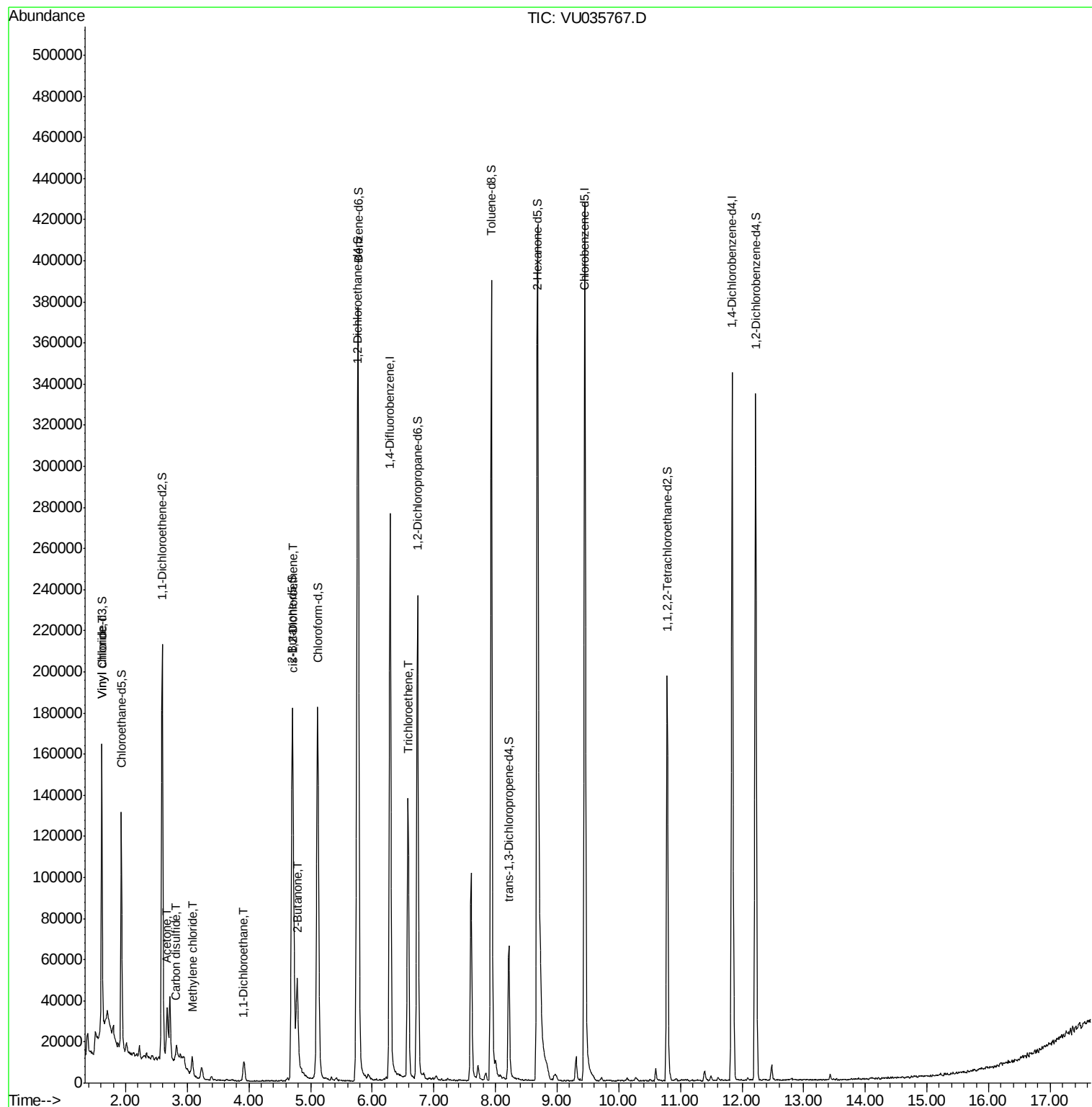
					Ovalue
5) Vinyl chloride	1.62	62	15822	0.536 ug/L #	1
13) Acetone	2.67	43	27986	7.359 ug/L	98
14) Carbon disulfide	2.83	76	11565	0.175 ug/L #	80
16) Methylene chloride	3.08	84	4408	0.182 ug/L	97
19) 1,1-Dichloroethane	3.92	63	11450	0.293 ug/L	95
21) 2-Butanone	4.78	43	61728	10.932 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	12296	0.530 ug/L	91
34) Trichloroethene	6.58	95	46152	1.922 ug/L	97

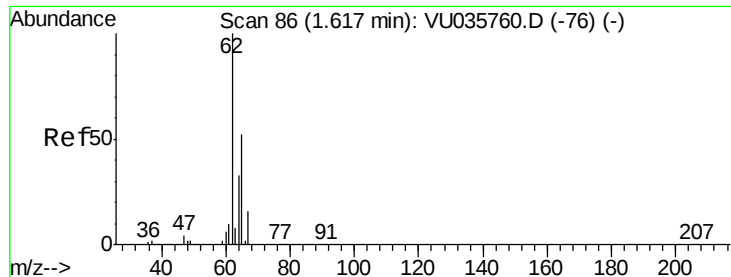
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.536 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035767.D

Acq: 19 Nov 2019 13:39

Instrument :

MSVOA_U

ClientSampleId :

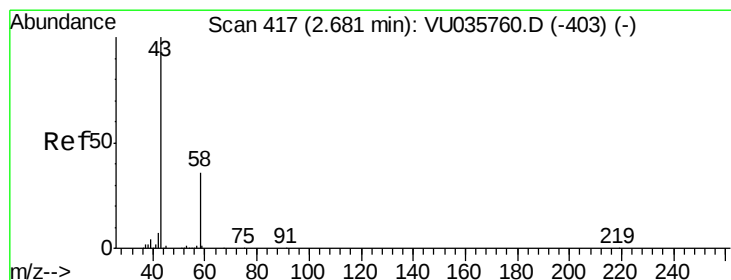
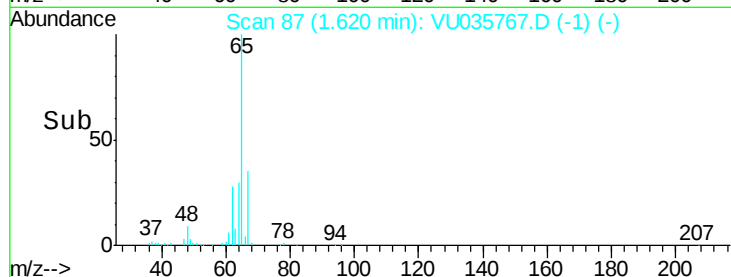
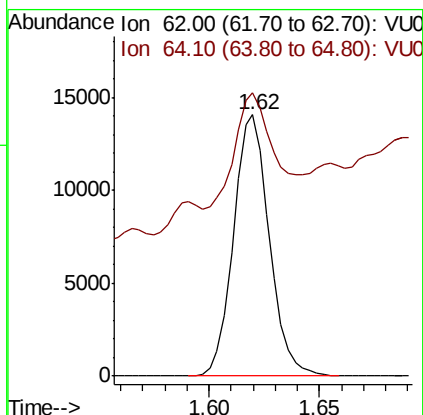
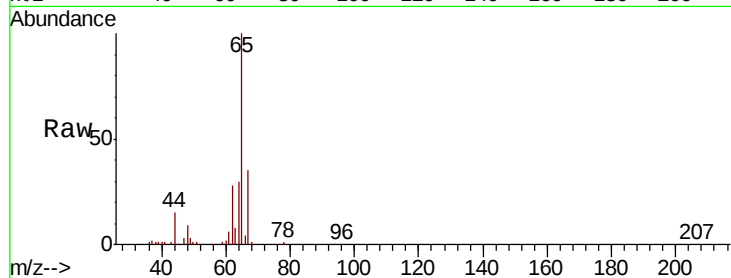
B0AA6

Tot Ion: 62 Resp: 15822

Ion Ratio Lower Upper

62 100

64 108.3 23.5 43.7#



#13

Acetone

Concen: 7.359 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035767.D

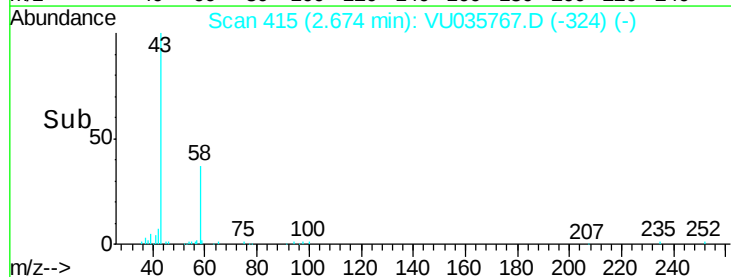
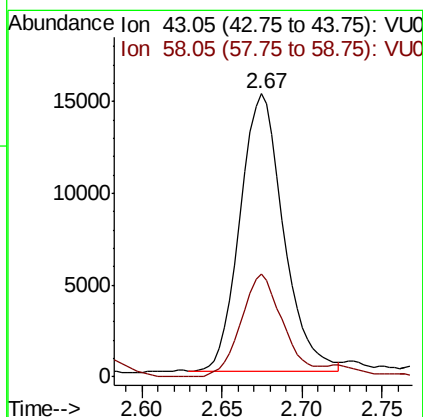
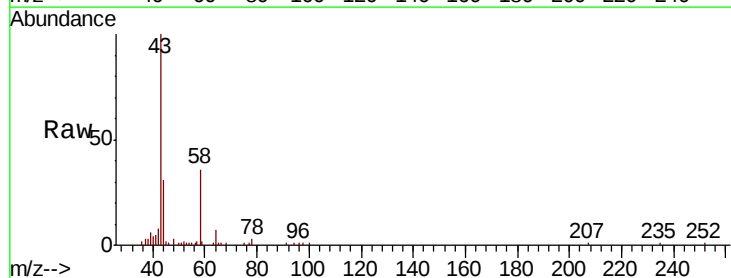
Acq: 19 Nov 2019 13:39

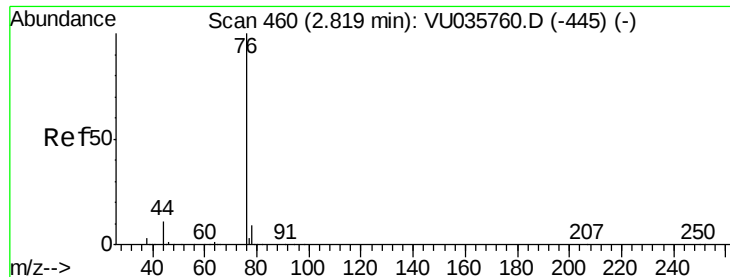
Tgt Ion: 43 Resp: 27986

Ion Ratio Lower Upper

43 100

58 36.2 0.0 69.8





#14

Carbon disulfide

Concen: 0.175 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.01 min

Lab File: VU035767.D

Acq: 19 Nov 2019 13:39

Instrument :

MSVOA_U

ClientSampled :

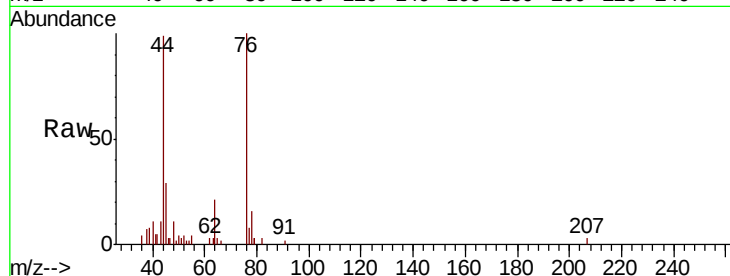
B0AA6

Tot Ion: 76 Resp: 11565

Ion Ratio Lower Upper

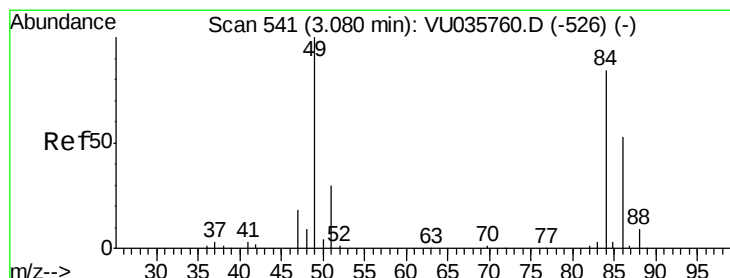
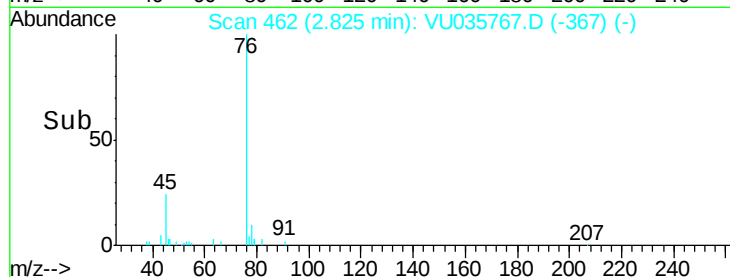
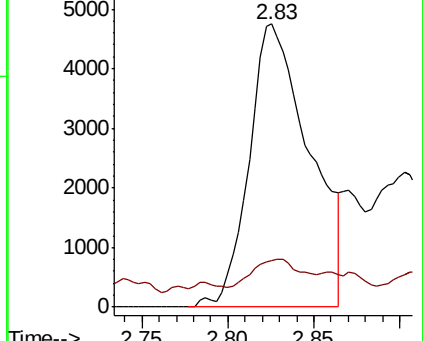
76 100

78 16.4 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU035767.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035767.D (-445) (-)



#16

Methylene chloride

Concen: 0.182 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU035767.D

Acq: 19 Nov 2019 13:39

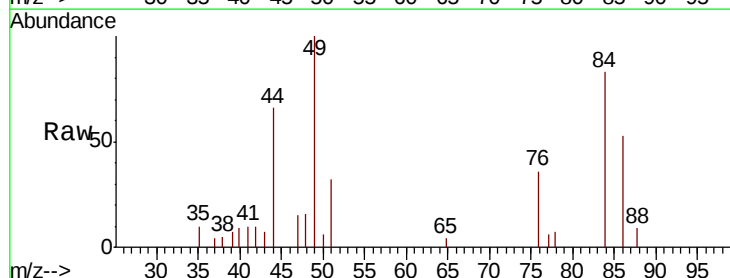
Tgt Ion: 84 Resp: 4408

Ion Ratio Lower Upper

84 100

86 63.6 45.8 85.2

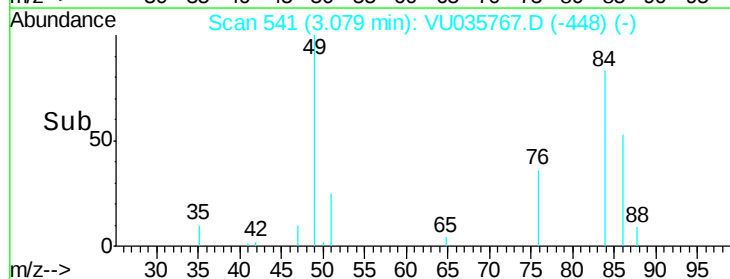
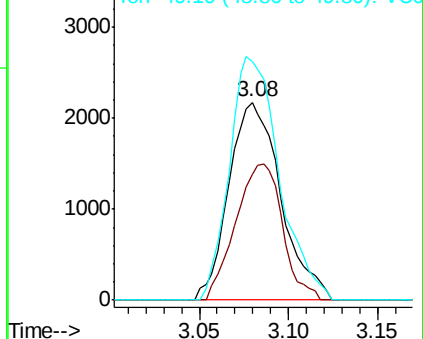
49 120.7 81.9 152.1

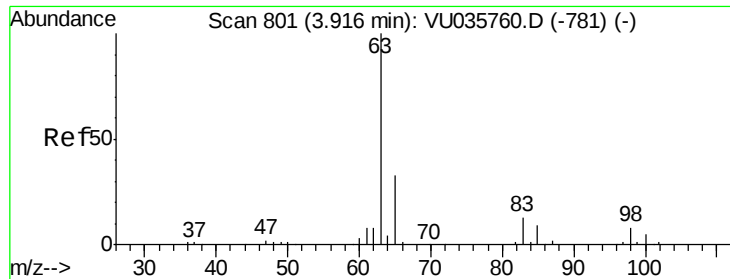


Abundance Ion 84.05 (83.75 to 84.75): VU035767.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035767.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035767.D (-526) (-)

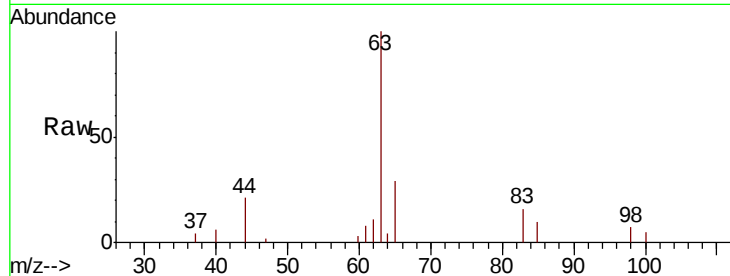




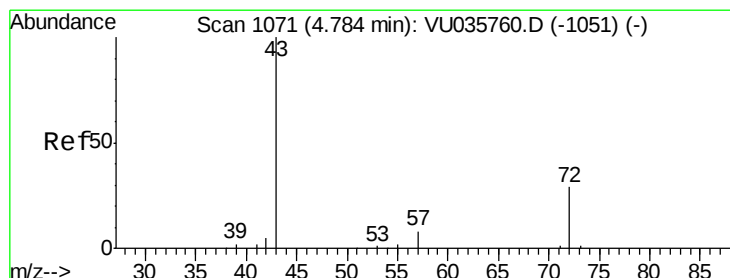
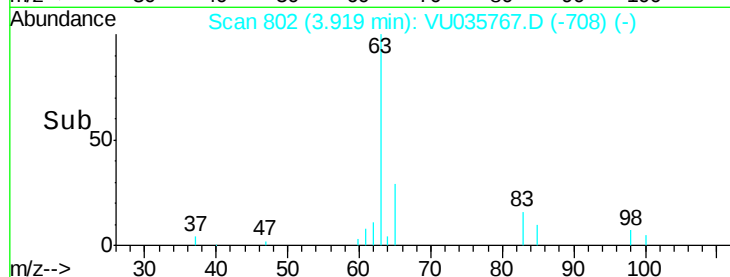
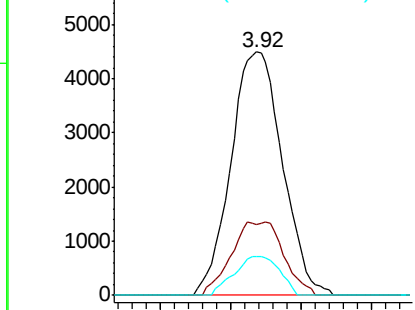
#19
 1,1-Dichloroethane
 Concen: 0.293 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035767.D
 Acq: 19 Nov 2019 13:39

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA6

Tot Ion: 63 Resp: 11450
 Ion Ratio Lower Upper
 63 100
 65 29.1 22.0 40.8
 83 15.9 9.3 17.3

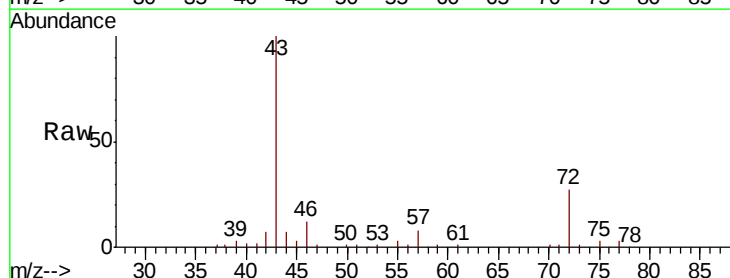


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

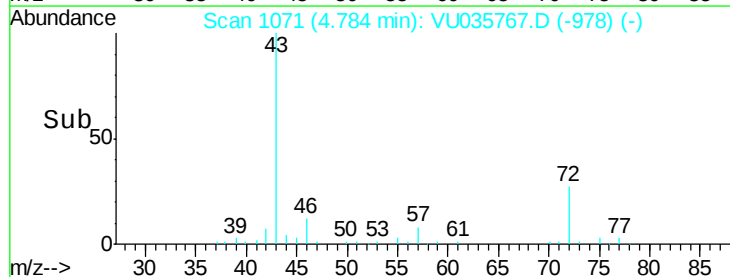
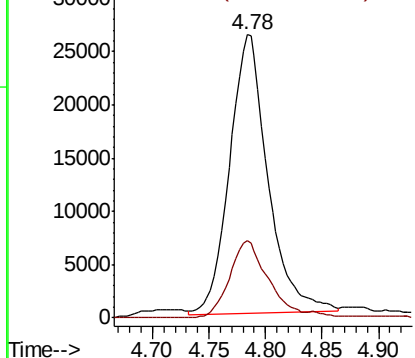


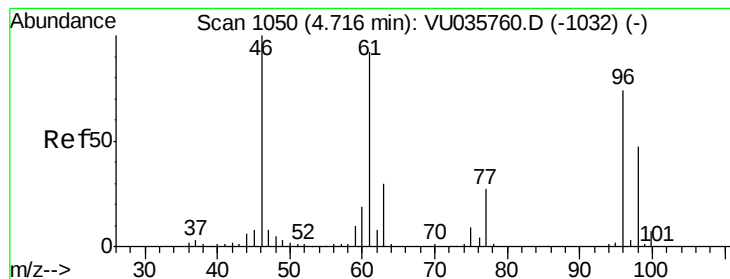
#21
 2-Butanone
 Concen: 10.932 ug/L
 RT: 4.78 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: VU035767.D
 Acq: 19 Nov 2019 13:39

Tgt Ion: 43 Resp: 61728
 Ion Ratio Lower Upper
 43 100
 72 27.7 14.3 42.9



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: 0.530 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

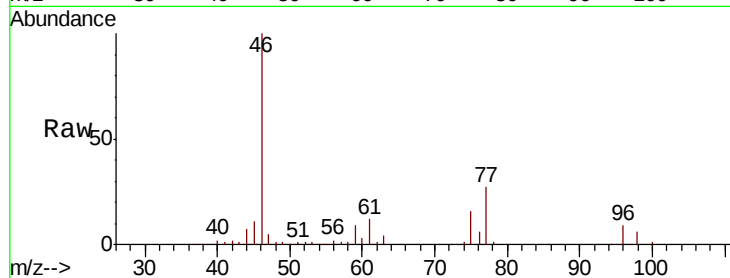
Lab File: VU035767.D

Acq: 19 Nov 2019 13:39

Instrument :
MSVOA_U
ClientSampleId :
B0AA6

Tot Ion: 96 Resp: 12296

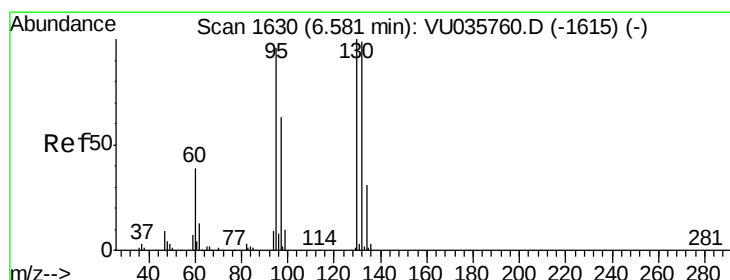
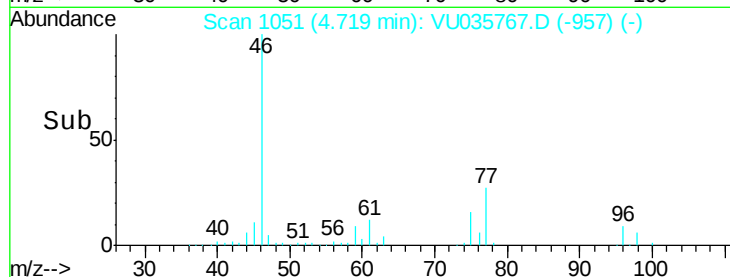
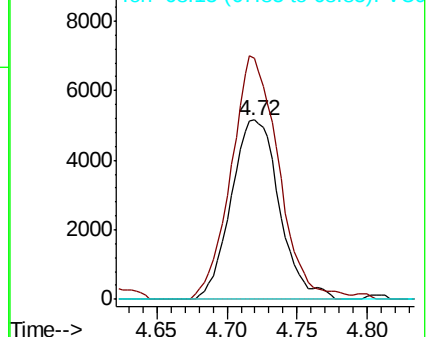
Ion	Ratio	Lower	Upper
96	100		
61	134.5	87.0	161.6
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035767.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035767.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035767.D (-957) (-)



#34

Trichloroethene

Concen: 1.922 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035767.D

Acq: 19 Nov 2019 13:39

Tgt Ion: 95 Resp: 46152

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.5	82.7
132	104.2	69.9	129.7
130	108.4	74.1	137.7

Abundance Ion 95.00 (94.70 to 95.70): VU035767.D (-1537) (-)

Ion 96.95 (96.65 to 97.65): VU035767.D (-1537) (-)

Ion 131.95 (131.65 to 132.65): VU035767.D (-1537) (-)

Ion 129.95 (129.65 to 130.65): VU035767.D (-1537) (-)

