

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111919\
 Data File : VU035770.D
 Acq On : 19 Nov 2019 14:53
 Operator : JC/SP
 Sample : K5930-02 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA2

Quant Time: Nov 20 02:33:28 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	196868	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	228442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	79896	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.93	69	77167	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	108041	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.70	46	218690	48.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	5.11	84	159140	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.75	65	81993	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.77	84	309742	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.74	67	106854	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.93	98	244680	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.21	79	36586	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.70	63	148237	40.74	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91364	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	84397	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

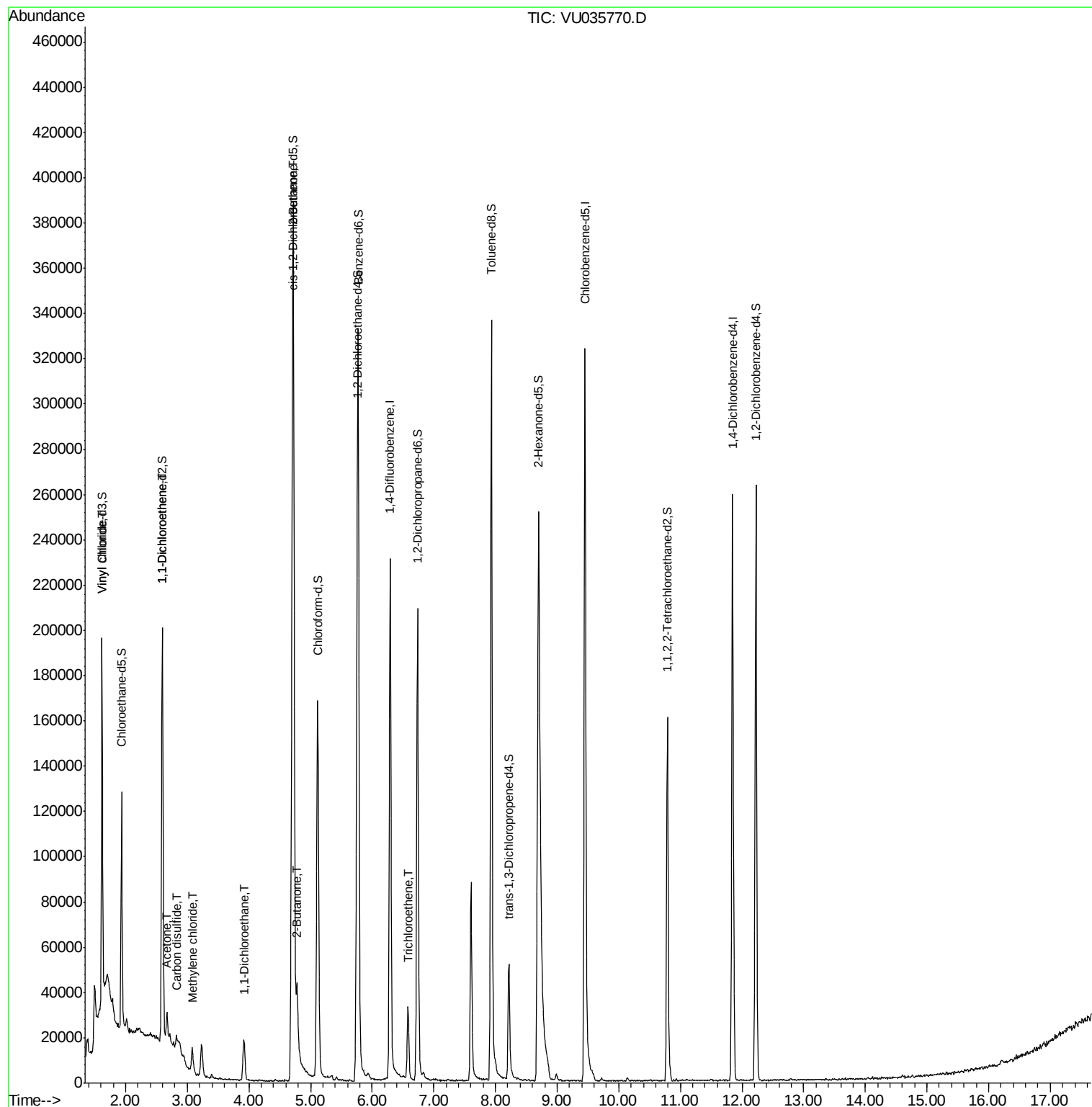
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	43139	1.723	ug/L #	16
12) 1,1-Dichloroethene	2.61	96	6665	0.385	ug/L #	1
13) Acetone	2.67	43	14398	4.464	ug/L	100
14) Carbon disulfide	2.83	76	6446	0.115	ug/L #	60
16) Methylene chloride	3.08	84	5324	0.259	ug/L	98
19) 1,1-Dichloroethane	3.92	63	21874	0.661	ug/L	99
21) 2-Butanone	4.78	43	38678	8.075	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	169118	8.591	ug/L	100
34) Trichloroethene	6.58	95	10786	0.524	ug/L	96

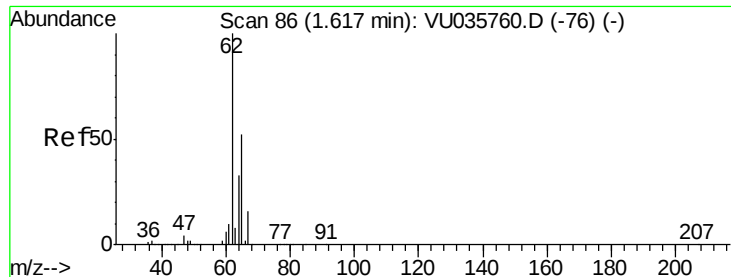
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.723 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035770.D

Acq: 19 Nov 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

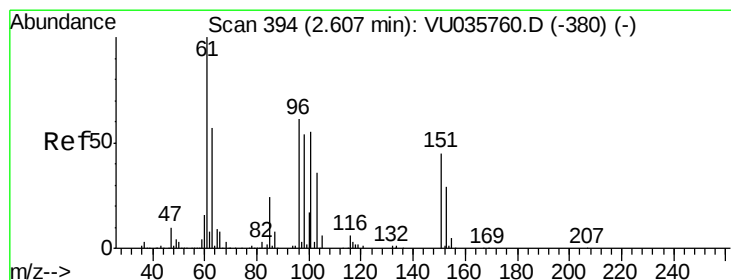
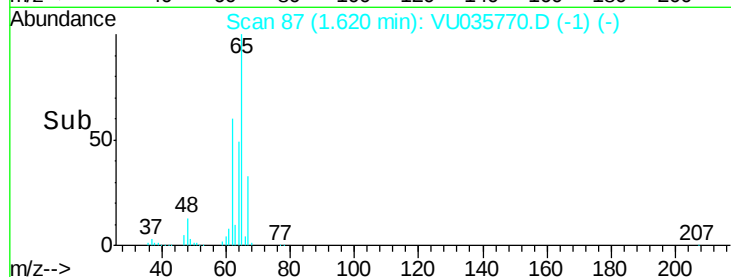
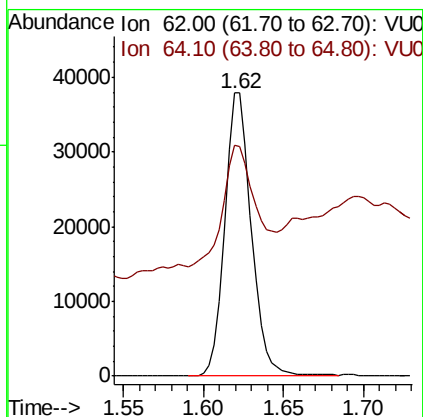
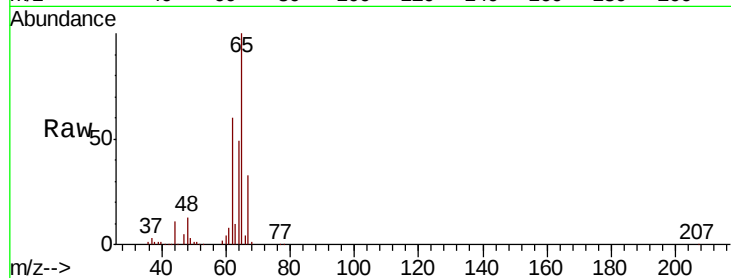
B0AA2

Tot Ion: 62 Resp: 43139

Ion Ratio Lower Upper

62 100

64 81.7 23.5 43.7#



#12

1,1-Dichloroethene

Concen: 0.385 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035770.D

Acq: 19 Nov 2019 14:53

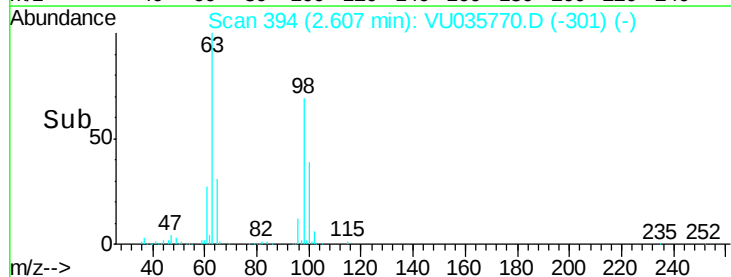
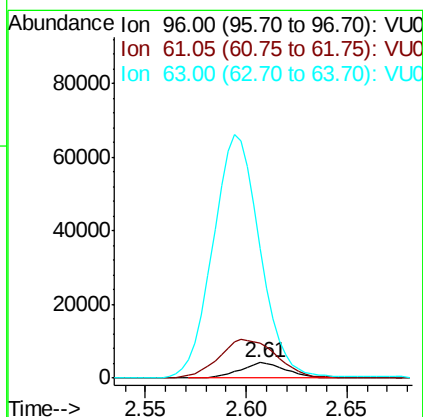
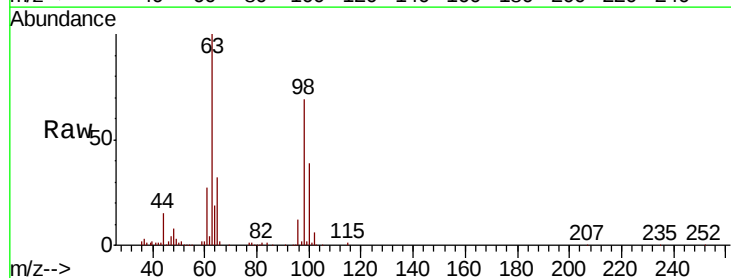
Tgt Ion: 96 Resp: 6665

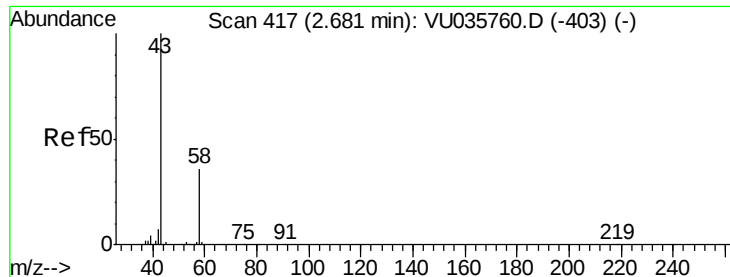
Ion Ratio Lower Upper

96 100

61 226.4 123.1 228.5

63 837.9 87.8 163.0#





#13

Acetone

Concen: 4.464 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU035770.D

Acq: 19 Nov 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

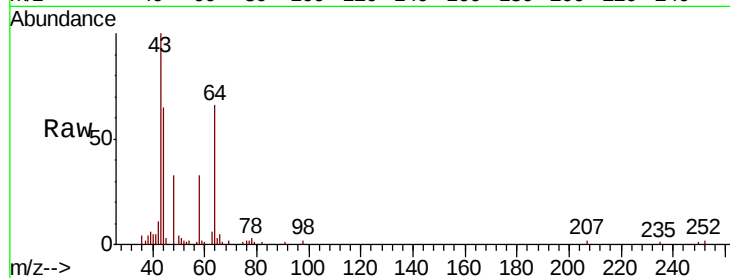
B0AA2

Tot Ion: 43 Resp: 14398

Ion Ratio Lower Upper

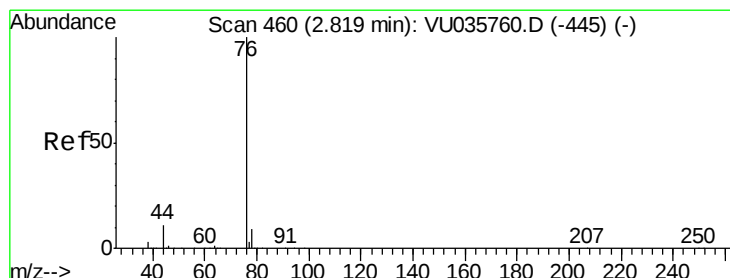
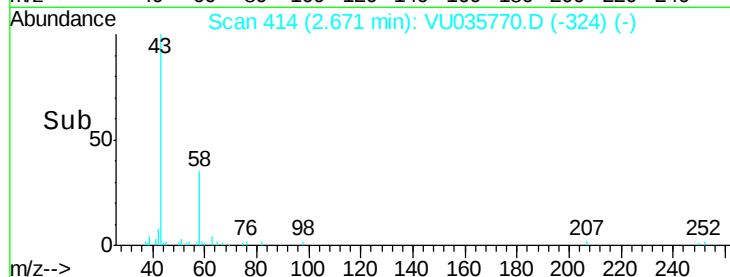
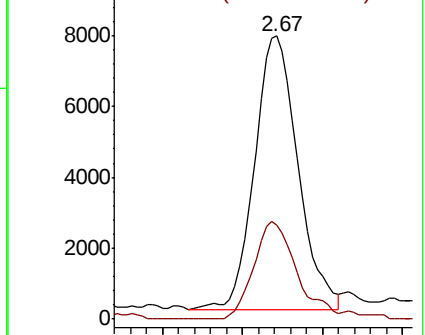
43 100

58 35.1 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035770.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU035770.D (-324) (-)



#14

Carbon disulfide

Concen: 0.115 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU035770.D

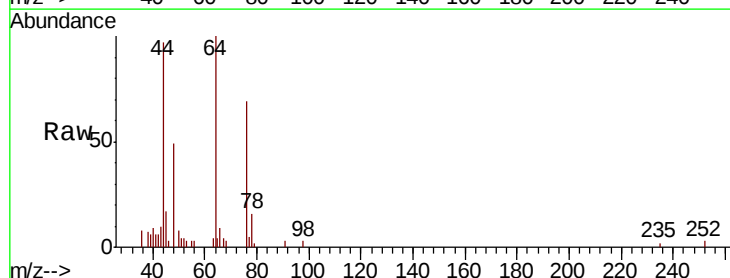
Acq: 19 Nov 2019 14:53

Tgt Ion: 76 Resp: 6446

Ion Ratio Lower Upper

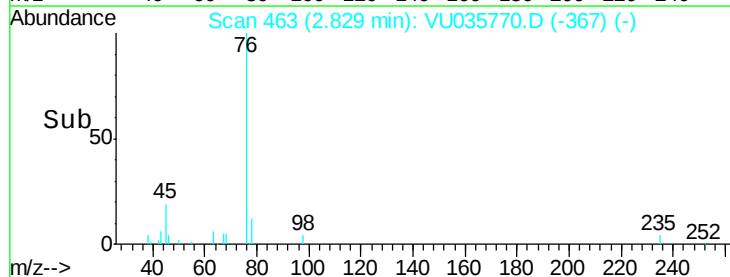
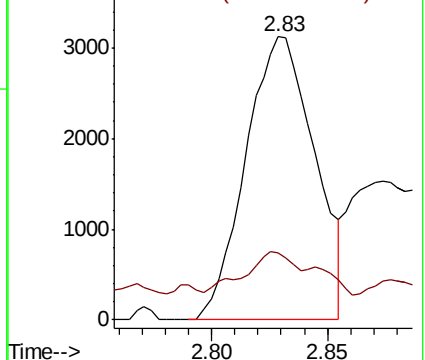
76 100

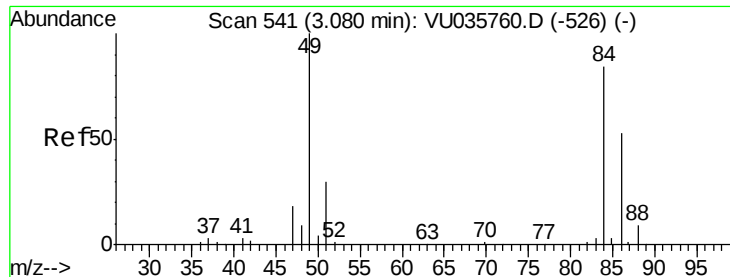
78 23.6 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU035770.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU035770.D (-367) (-)

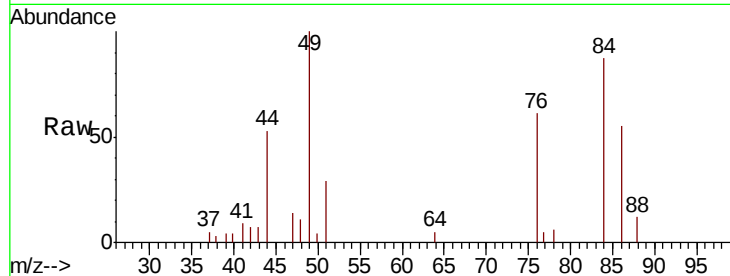




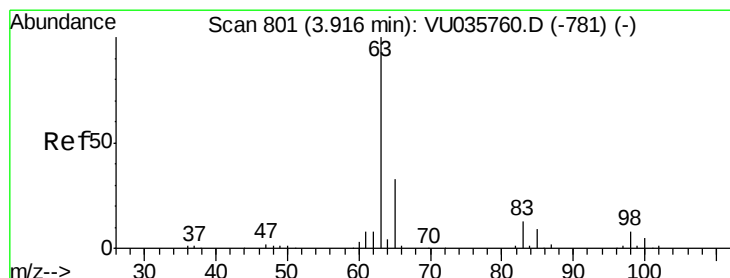
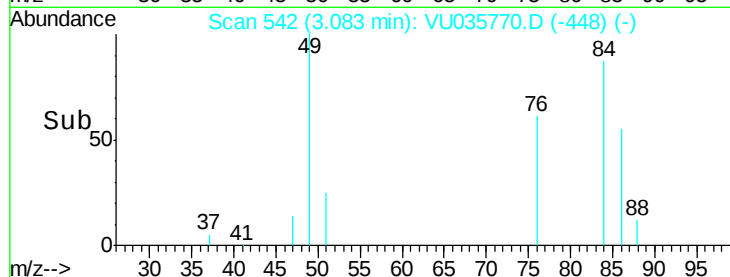
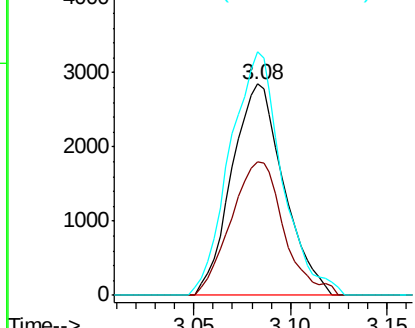
#16
Methvlene chloride
Concen: 0.259 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035770.D
Acq: 19 Nov 2019 14:53

Instrument :
MSVOA_U
ClientSampleId :
B0AA2

Tot Ion: 84 Resp: 5324
Ion Ratio Lower Upper
84 100
86 63.1 45.8 85.2
49 115.1 81.9 152.1

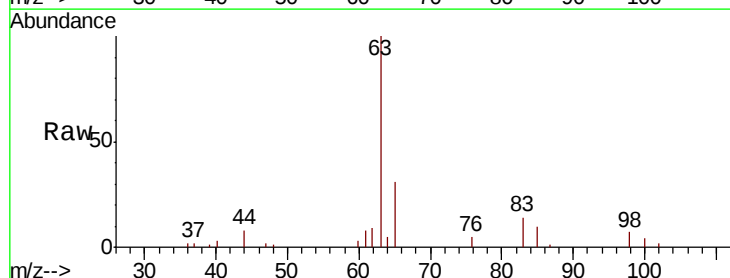


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

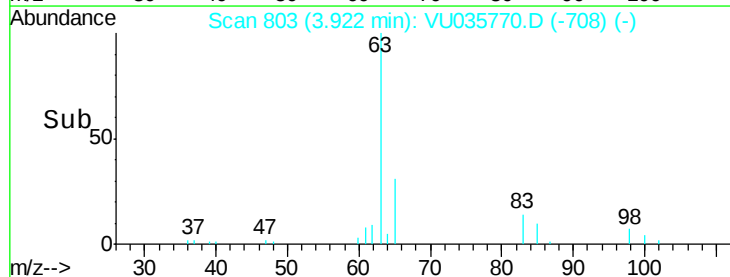
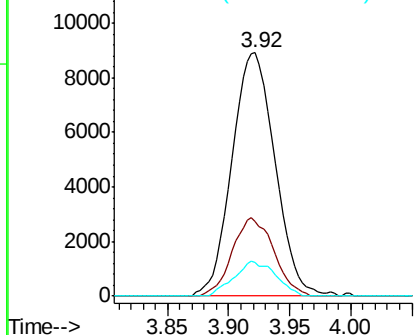


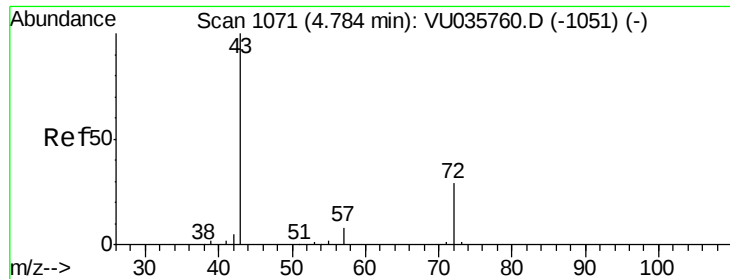
#19
1,1-Dichloroethane
Concen: 0.661 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035770.D
Acq: 19 Nov 2019 14:53

Tgt Ion: 63 Resp: 21874
Ion Ratio Lower Upper
63 100
65 30.6 22.0 40.8
83 13.8 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

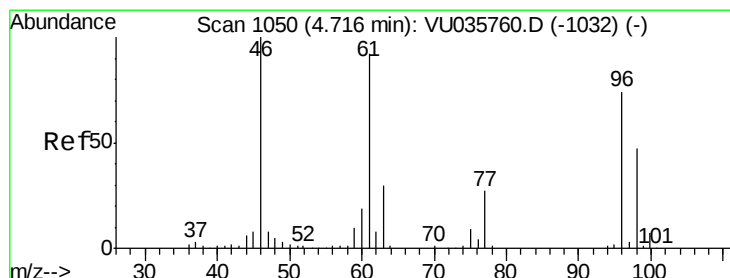
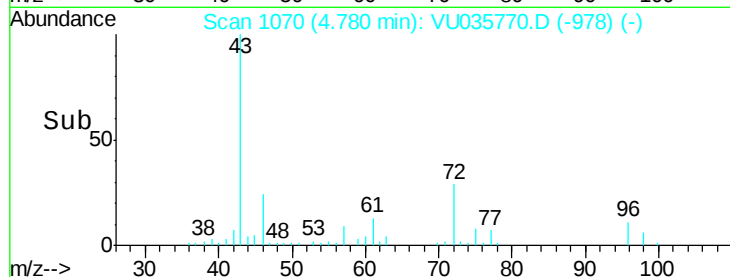
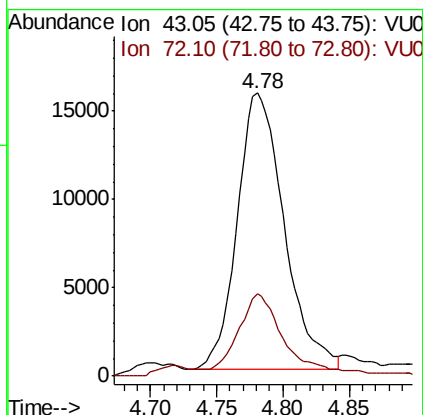
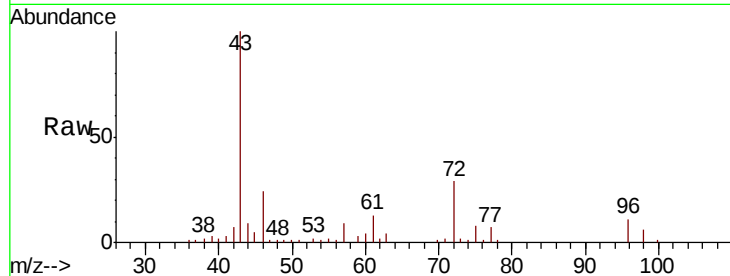




#21
2-Butanone
Concen: 8.075 ug/L
RT: 4.78 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VU035770.D
Acq: 19 Nov 2019 14:53

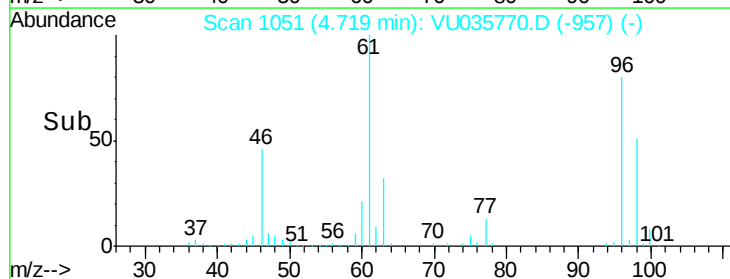
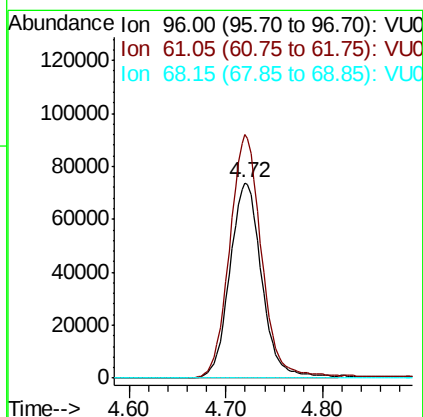
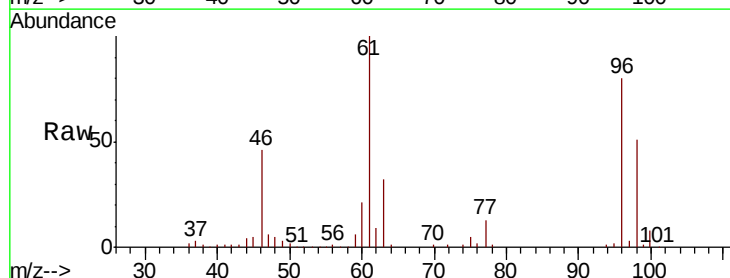
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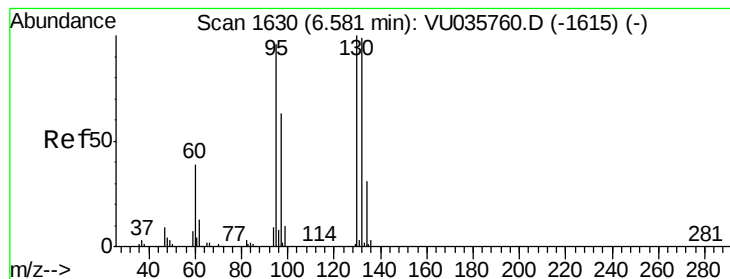
Tot Ion: 43 Resp: 38678
Ion Ratio Lower Upper
43 100
72 30.2 14.3 42.9



#22
cis-1,2-Dichloroethene
Concen: 8.591 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035770.D
Acq: 19 Nov 2019 14:53

Tgt Ion: 96 Resp: 169118
Ion Ratio Lower Upper
96 100
61 124.7 87.0 161.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.524 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035770.D

Acq: 19 Nov 2019 14:53

Instrument :

MSVOA_U

ClientSampleId :

B0AA2

Tot Ion: 95 Resp: 10786

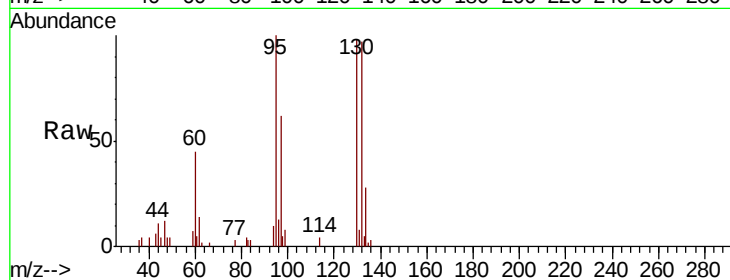
Ion Ratio Lower Upper

95 100

97 62.2 44.5 82.7

132 96.8 69.9 129.7

130 98.4 74.1 137.7



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

