

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040415.D
 Acq On : 01 Oct 2020 11:30
 Operator : SY/MD
 Sample : L4186-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1DL

Quant Time: Oct 02 03:21:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	158448	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	160864	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70690	5.00	ug/L	0.00

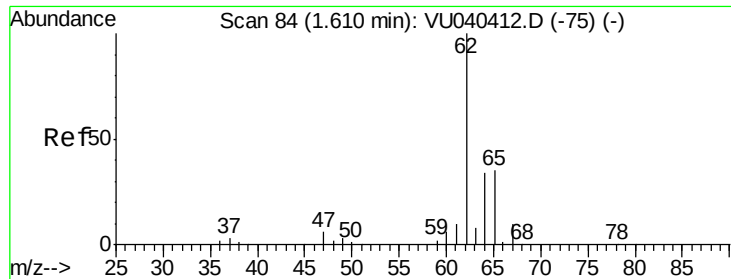
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23927	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.92	69	24315	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.58	63	39805	2.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.20%#
20) 2-Butanone-d5	4.66	46	151234	38.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.62%
24) Chloroform-d	5.08	84	63227	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.80%#
26) 1,2-Dichloroethane-d4	5.72	65	40664	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
32) Benzene-d6	5.74	84	109456	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.80%#
36) 1,2-Dichloropropane-d6	6.70	67	40355	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.20%
41) Toluene-d8	7.91	98	84848	3.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.40%#
43) trans-1,3-Dichloropropene-	8.19	79	15402	3.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.80%
46) 2-Hexanone-d5	8.64	63	100982	35.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41064	3.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	40051	3.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.80%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	697	0.046	ug/L #	18
16) Methylene chloride	3.06	84	1968	0.130	ug/L	93
18) trans-1,2-Dichloroethene	3.38	96	970	0.078	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	66022	4.783	ug/L	95
25) Chloroform	5.11	83	2835	0.109	ug/L	86
35) Methylcyclohexane	6.70	83	10151	0.483	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4467	0.297	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	675	0.036	ug/L #	47
59) 1,2,3-Trichloropropane	11.81	75	9954	0.914	ug/L	90

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



#5

Vinyl chloride

Concen: 0.046 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040415.D

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Instrument :

MSVOA_U

ClientSampleID :

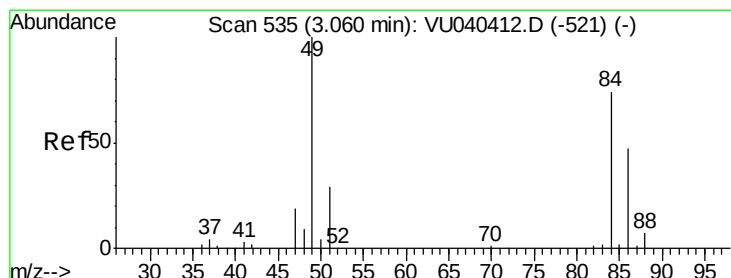
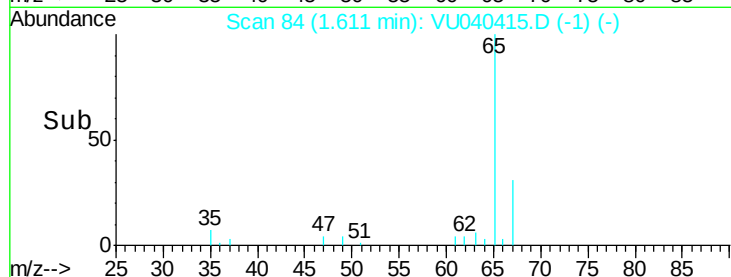
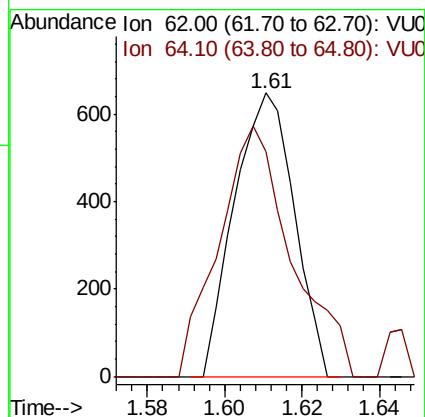
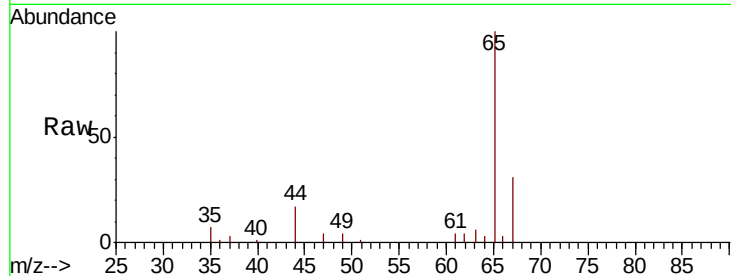
BG0E1DL

Tot Ion: 62 Resp: 697

Ion Ratio Lower Upper

62 100

64 79.2 23.0 42.8#



#16

Methylene chloride

Concen: 0.130 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040415.D

Acq: 01 Oct 2020 11:30

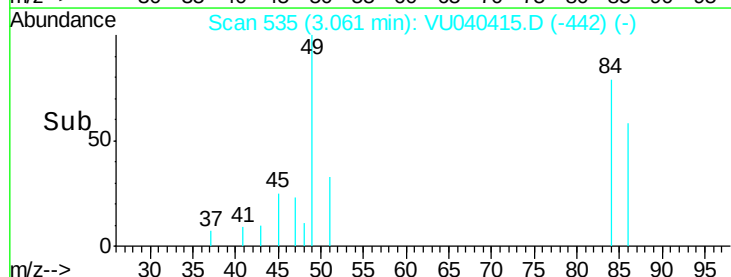
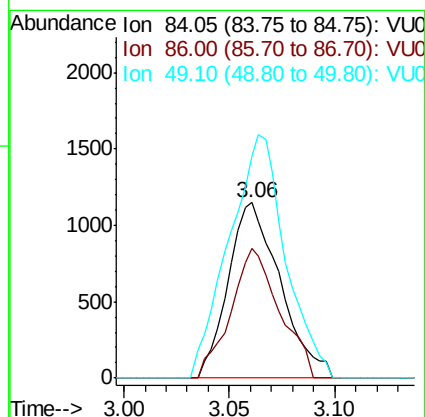
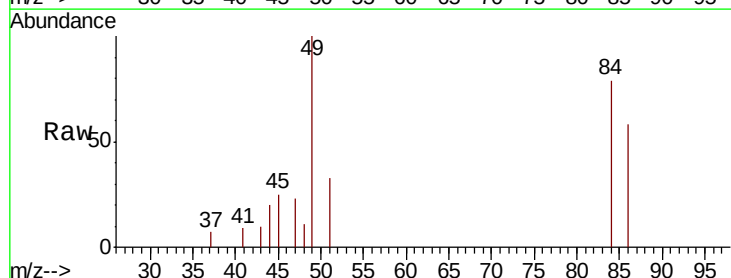
Tgt Ion: 84 Resp: 1968

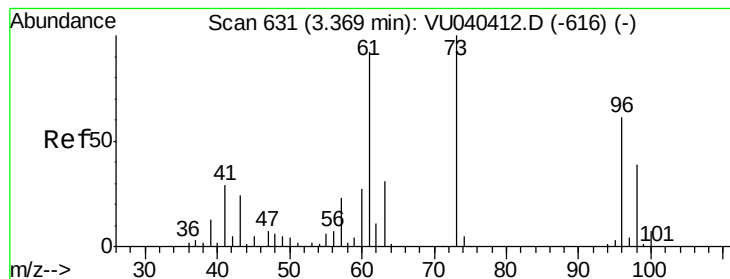
Ion Ratio Lower Upper

84 100

86 73.7 44.4 82.5

49 126.5 92.2 171.2





#18

trans-1,2-Dichloroethene

Concen: 0.078 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU040415.D

Acq: 01 Oct 2020 11:30

Instrument :

MSVOA_U

ClientSampleId :

BG0E1DL

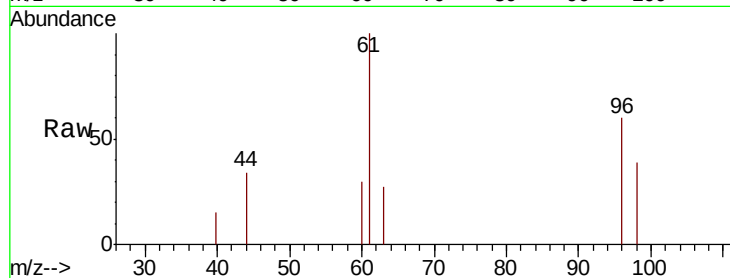
Tot Ion: 96 Resp: 970

Ion Ratio Lower Upper

96 100

61 166.5 109.3 203.1

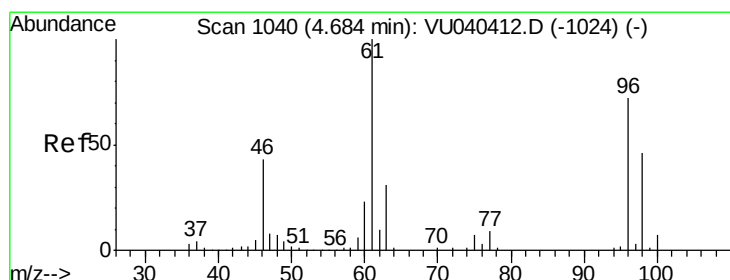
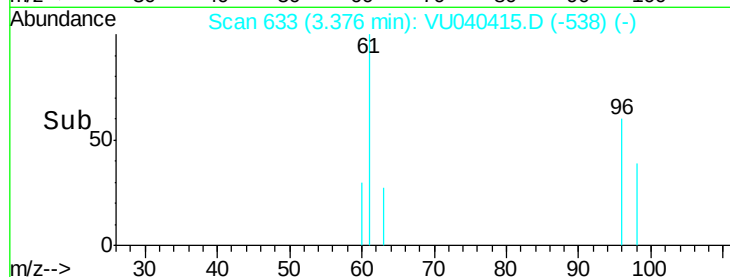
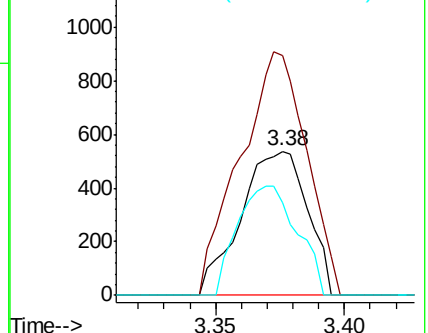
98 64.5 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VU040415.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040415.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040415.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 4.783 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040415.D

Acq: 01 Oct 2020 11:30

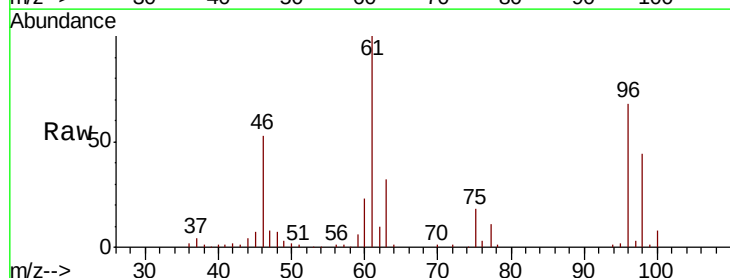
Tgt Ion: 96 Resp: 66022

Ion Ratio Lower Upper

96 100

61 148.1 99.3 184.5

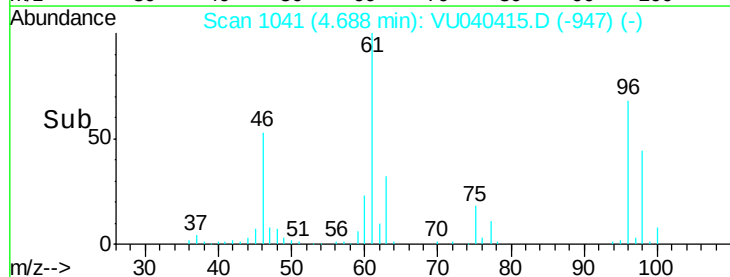
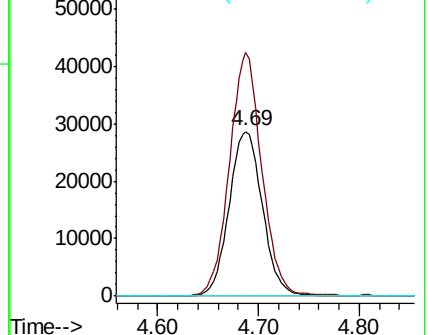
68 0.0 0.0 0.0

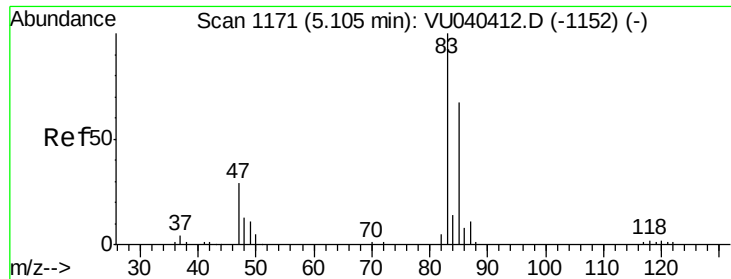


Abundance Ion 96.00 (95.70 to 96.70): VU040415.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040415.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040415.D (-947) (-)

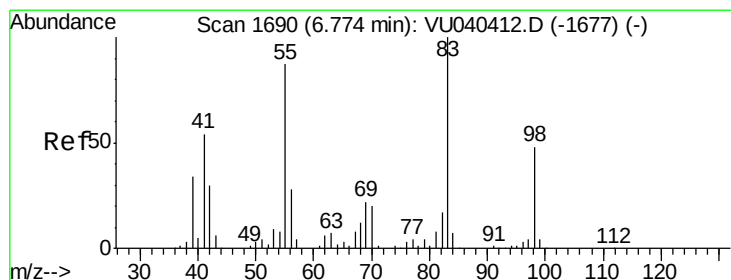
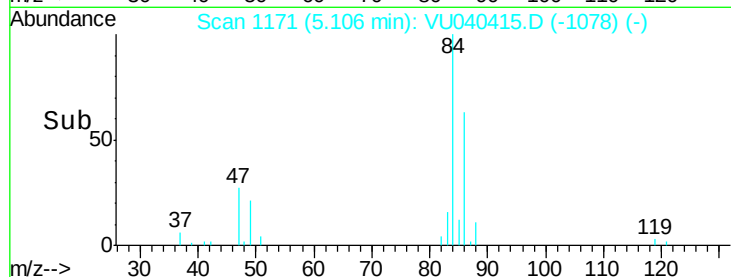
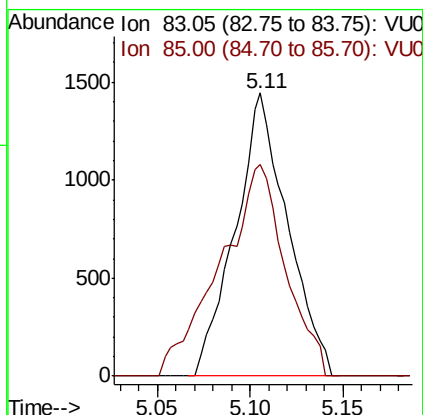
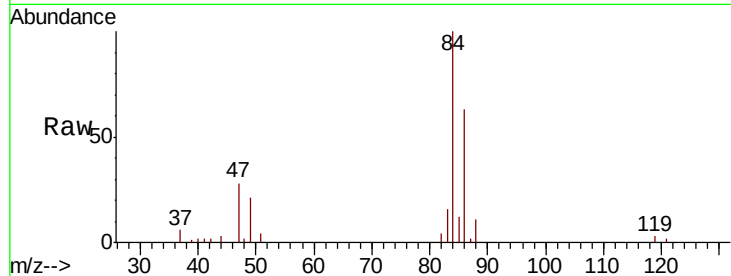




#25
Chloroform
Concen: 0.109 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040415.D
Acq: 01 Oct 2020 11:30

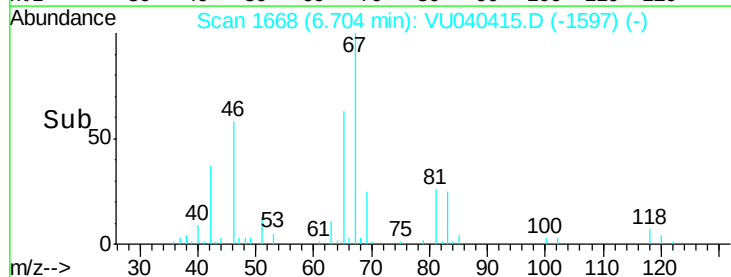
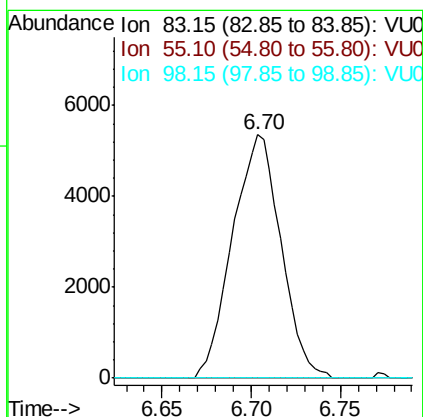
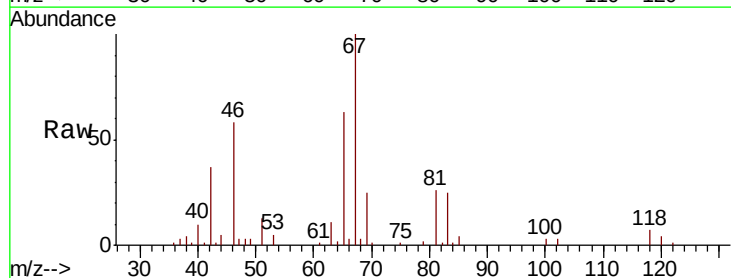
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MSVOA_U
ClientSampleId :
BG0E1DL

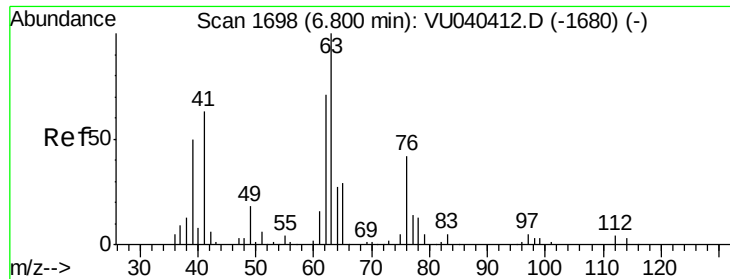
Tot Ion: 83 Resp: 2835
Ion Ratio Lower Upper
83 100
85 74.7 44.6 82.8



#35
Methylcyclohexane
Concen: 0.483 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040415.D
Acq: 01 Oct 2020 11:30

Tgt Ion: 83 Resp: 10151
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 1.2 38.5 57.7#

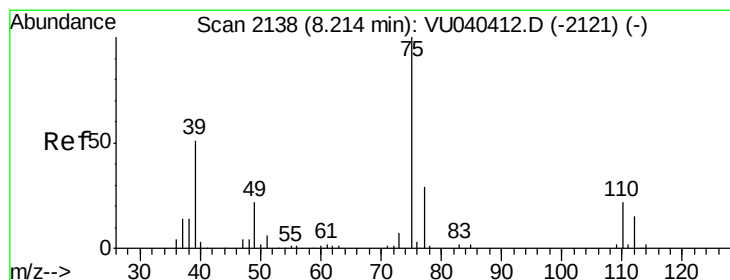
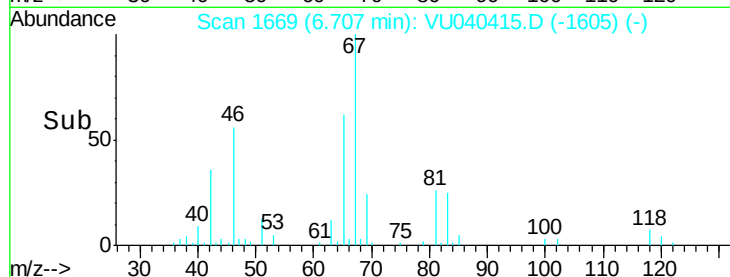
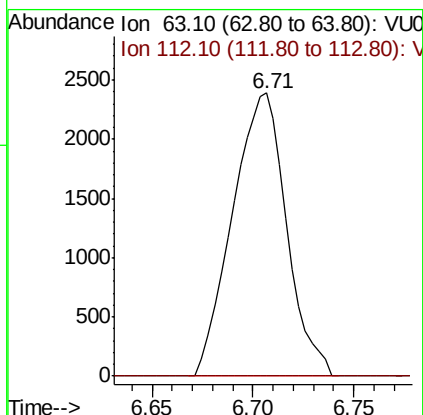
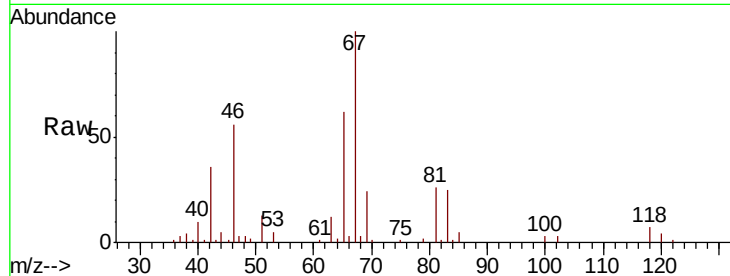




#37
 1,2-Dichloropropane
 Concen: 0.297 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040415.D
 Acq: 01 Oct 2020 11:30

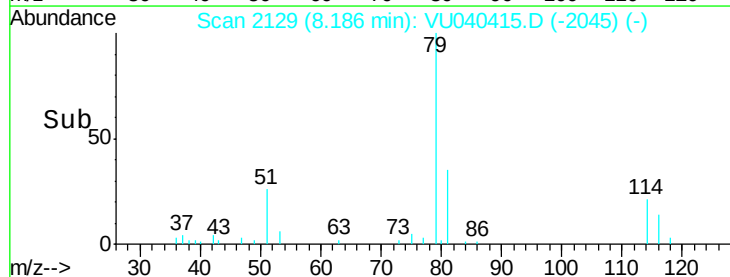
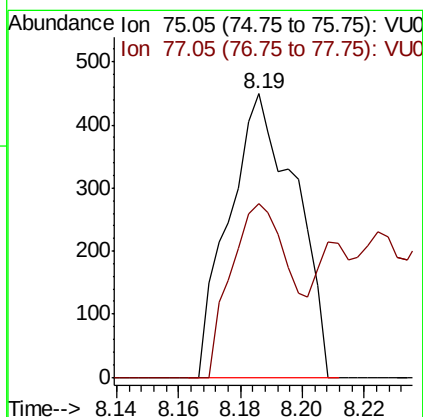
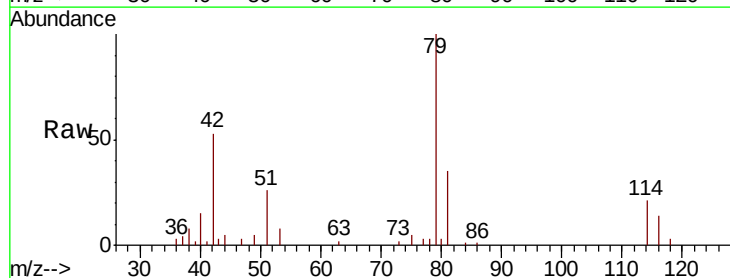
Instrument :
 MSVOA_U
 ClientSampled :
 BG0E1DL

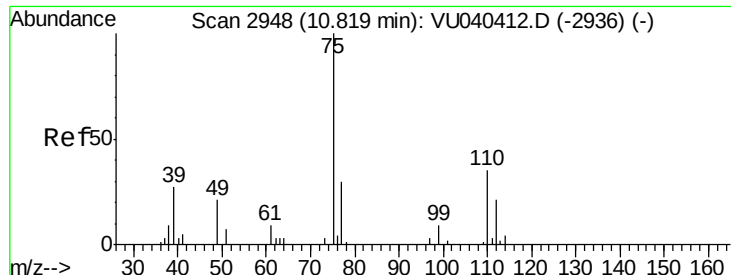
Tot Ion: 63 Resp: 4467
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.036 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040415.D
 Acq: 01 Oct 2020 11:30

Tgt Ion: 75 Resp: 675
 Ion Ratio Lower Upper
 75 100
 77 61.5 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 0.914 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040415.D

Acq: 01 Oct 2020 11:30

Instrument :

MSVOA_U

ClientSampleId :

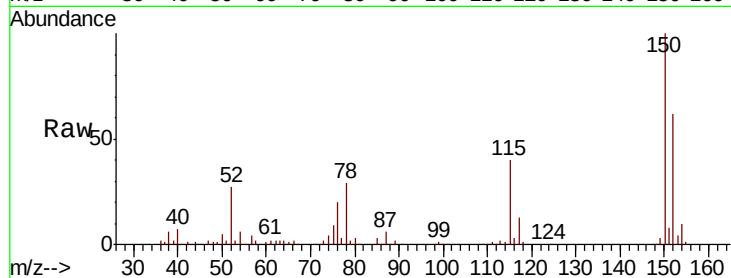
BG0E1DL

Tot Ion: 75 Resp: 9954

Ion Ratio Lower Upper

75 100

77 37.8 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

