

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040418.D
 Acq On : 01 Oct 2020 12:40
 Operator : SY/MD
 Sample : L4186-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E1DL

Quant Time: Oct 02 03:21:31 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	127986	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25607	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.92	69	25885	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.58	63	43770	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	4.66	46	155812	49.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.00%
24) Chloroform-d	5.08	84	69355	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	43651	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.75	84	119553	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	44883	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	91719	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	16403	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.64	63	104938	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	43878	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42674	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

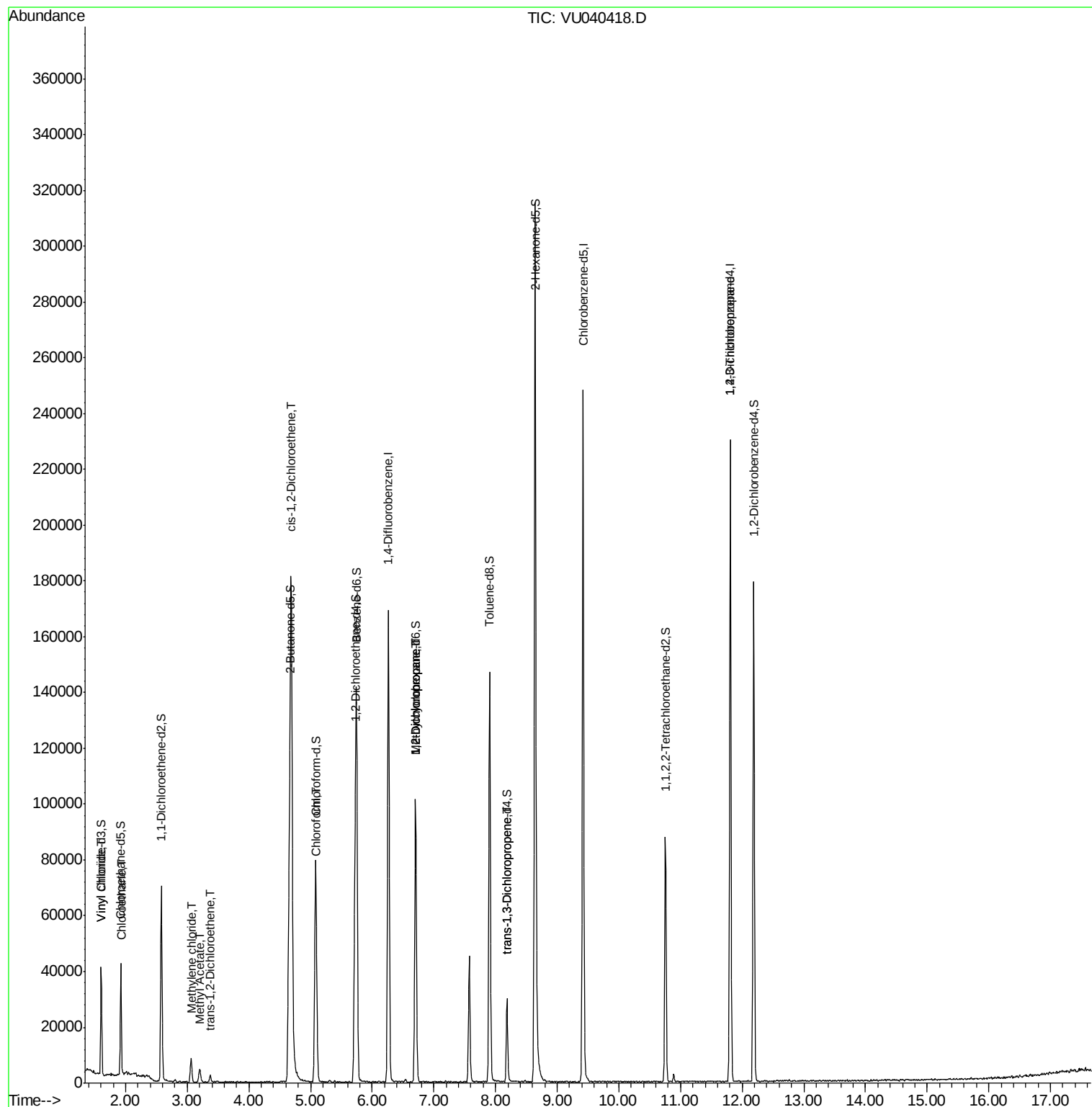
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	822	0.066	ug/L #	1
8) Chloroethane	1.94	64	507	0.069	ug/L #	44
15) Methyl Acetate	3.20	43	570	0.090	ug/L #	56
16) Methylene chloride	3.07	84	3889	0.318	ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	1074	0.107	ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	68573	6.150	ug/L	100
25) Chloroform	5.10	83	2385	0.113	ug/L	85
35) Methylcyclohexane	6.70	83	10244	0.616	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4961	0.417	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	729	0.050	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	7547	0.876	ug/L #	83

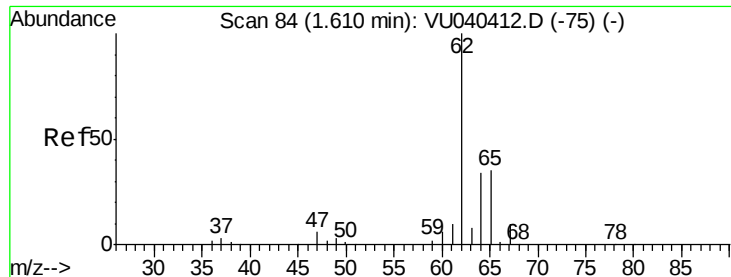
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.066 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040418.D

Acq: 01 Oct 2020 12:40

Instrument :

MSVOA_U

ClientSampleId :

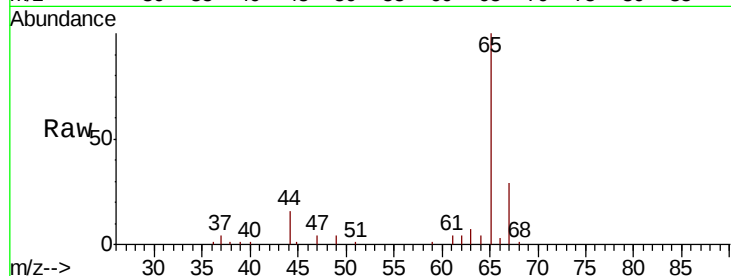
BG0E1DL

Tot Ion: 62 Resp: 822

Ion Ratio Lower Upper

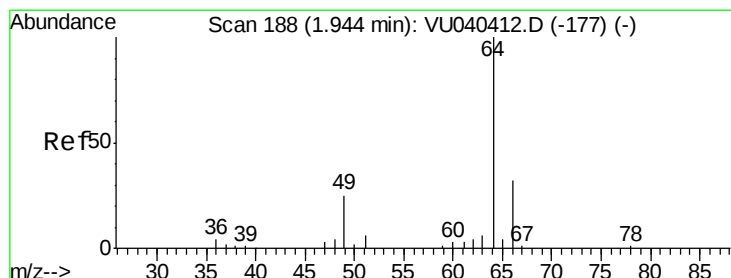
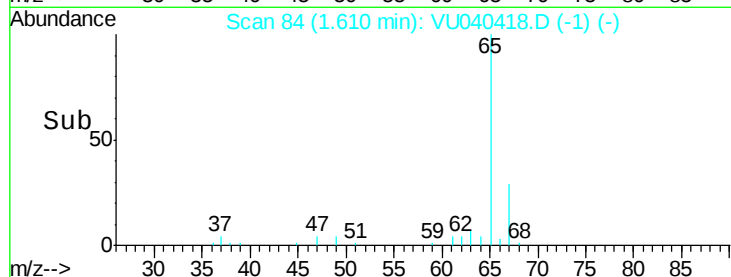
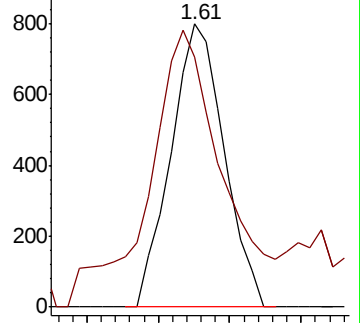
62 100

64 88.6 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.069 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU040418.D

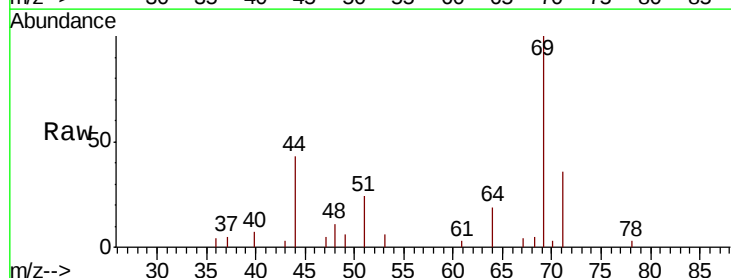
Acq: 01 Oct 2020 12:40

Tgt Ion: 64 Resp: 507

Ion Ratio Lower Upper

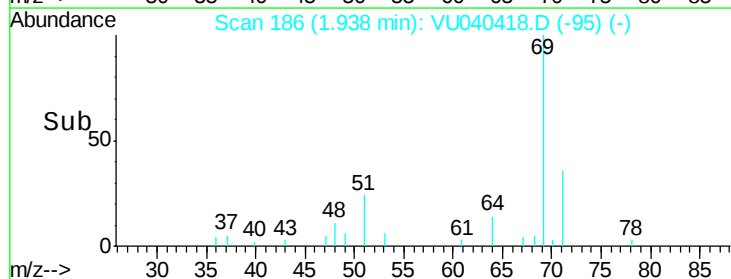
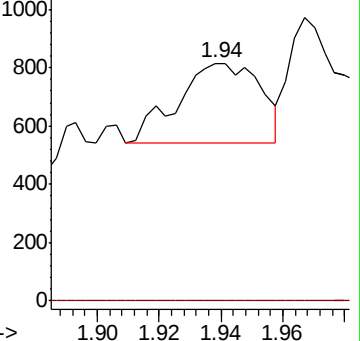
64 100

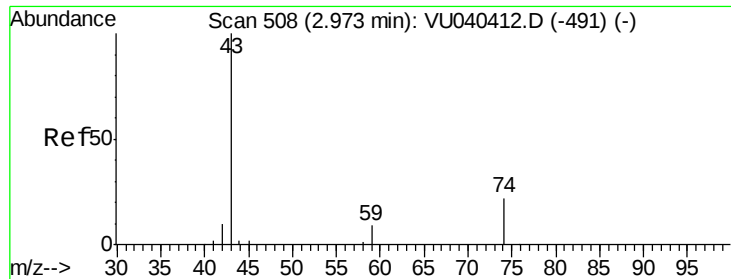
66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

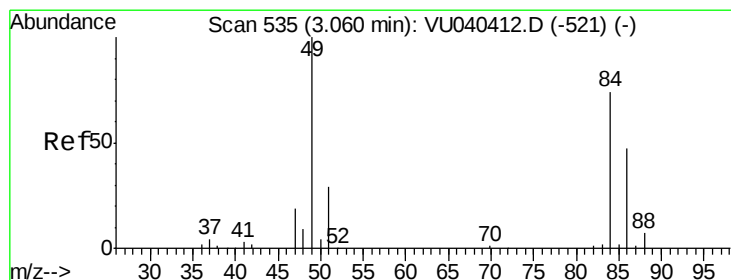
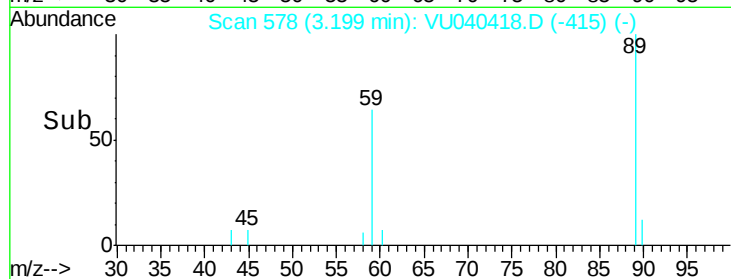
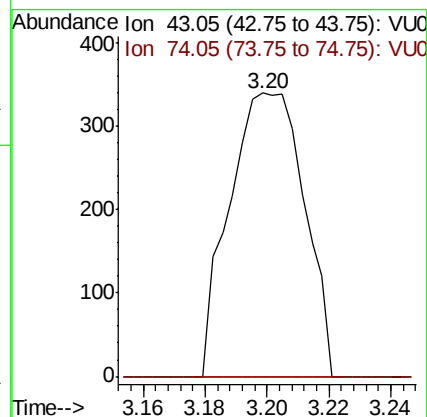
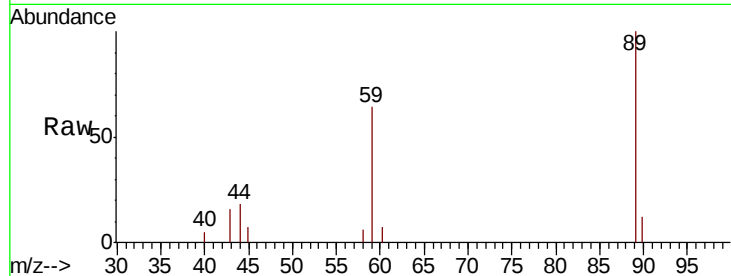




#15
Methyl Acetate
Concen: 0.090 ug/L
RT: 3.20 min Scan# 578
Delta R.T. 0.23 min
Lab File: VU040418.D
Acq: 01 Oct 2020 12:40

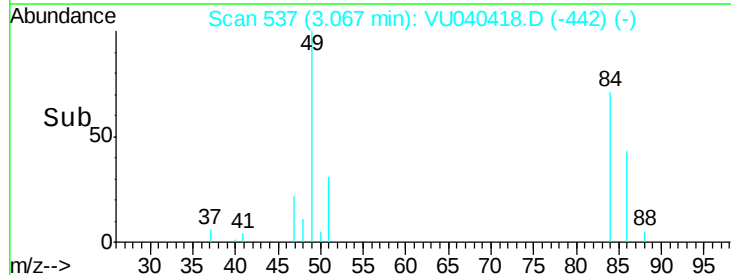
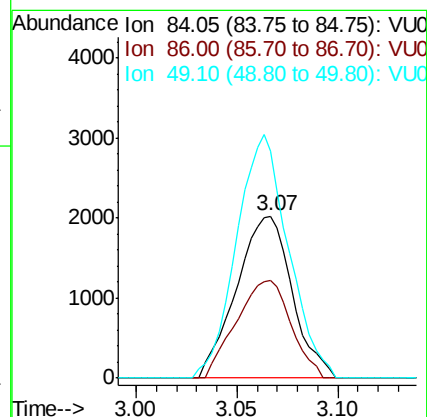
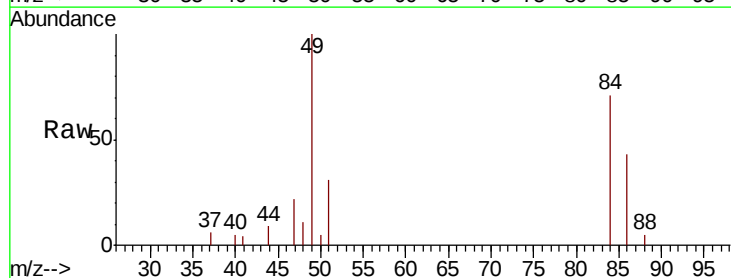
Instrument :
MSVOA_U
ClientSampleId :
BG0E1DL

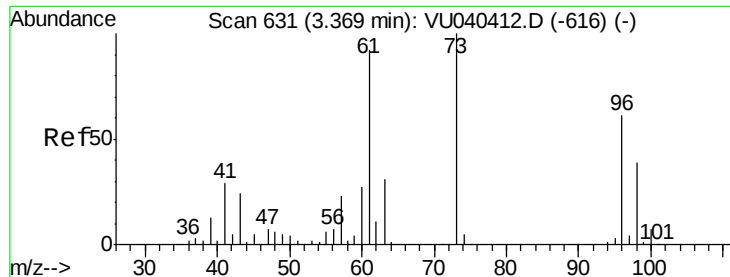
Tot Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#16
Methylene chloride
Concen: 0.318 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040418.D
Acq: 01 Oct 2020 12:40

Tgt Ion: 84 Resp: 3889
Ion Ratio Lower Upper
84 100
86 60.2 44.4 82.5
49 140.0 92.2 171.2





#18

trans-1,2-Dichloroethene

Concen: 0.107 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU040418.D

Acq: 01 Oct 2020 12:40

Instrument :

MSVOA_U

ClientSampled :

BG0E1DL

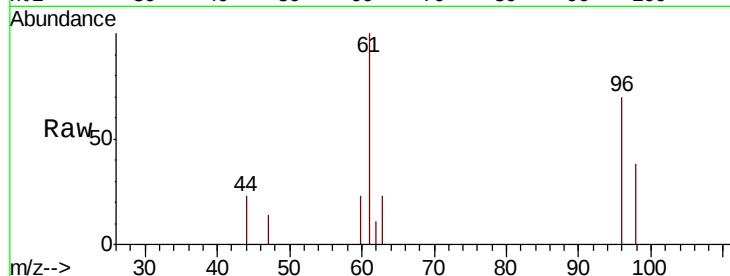
Tot Ion: 96 Resp: 1074

Ion Ratio Lower Upper

96 100

61 143.6 109.3 203.1

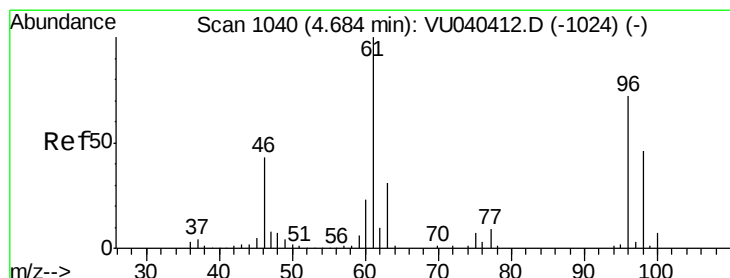
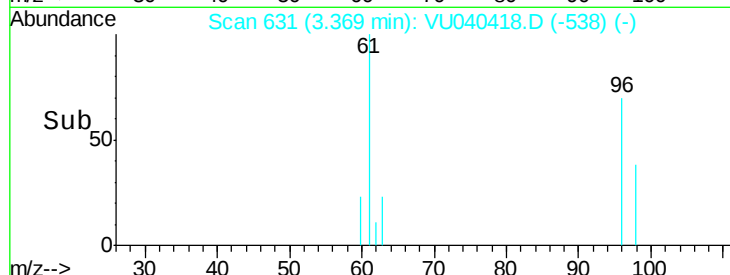
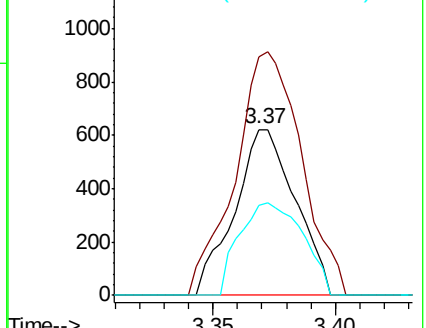
98 54.1 45.8 85.0



Abundance Ion 96.00 (95.70 to 96.70): VU040418.D (-538) (-)

Ion 61.05 (60.75 to 61.75): VU040418.D (-538) (-)

Ion 97.95 (97.65 to 98.65): VU040418.D (-538) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.150 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040418.D

Acq: 01 Oct 2020 12:40

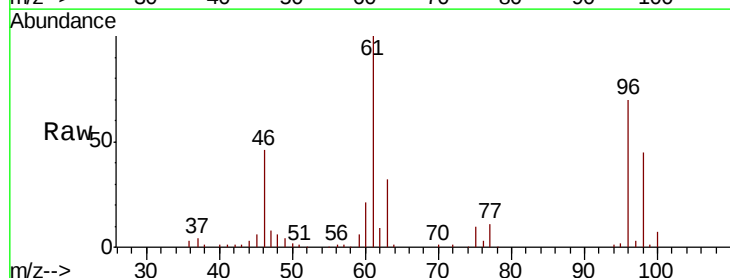
Tgt Ion: 96 Resp: 68573

Ion Ratio Lower Upper

96 100

61 142.5 99.3 184.5

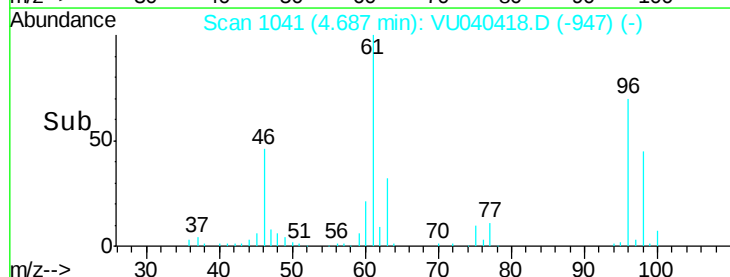
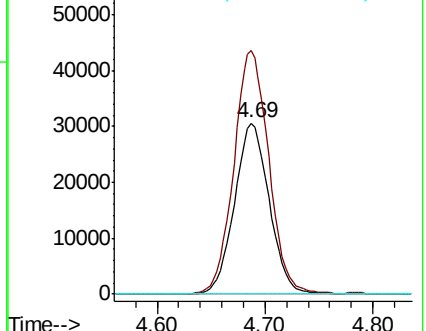
68 0.0 0.0 0.0

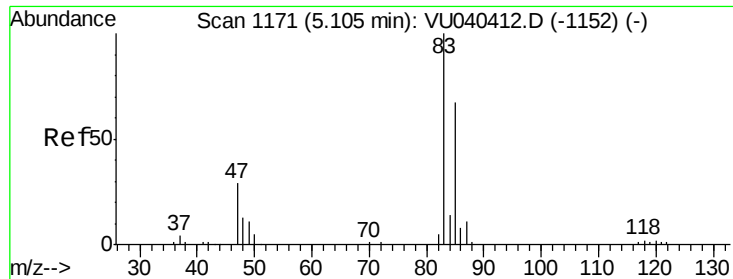


Abundance Ion 96.00 (95.70 to 96.70): VU040418.D (-947) (-)

Ion 61.05 (60.75 to 61.75): VU040418.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU040418.D (-947) (-)

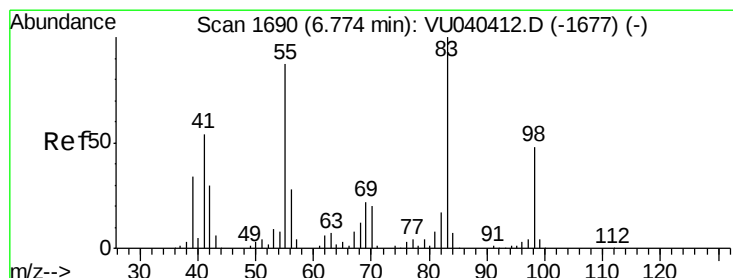
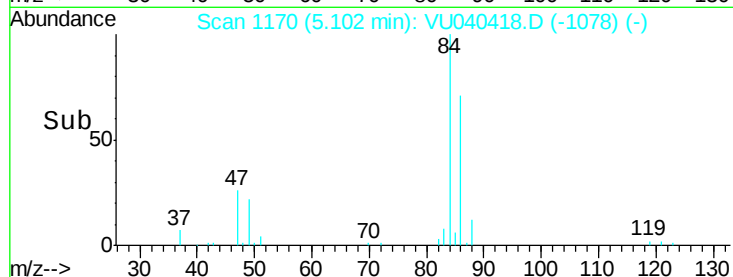
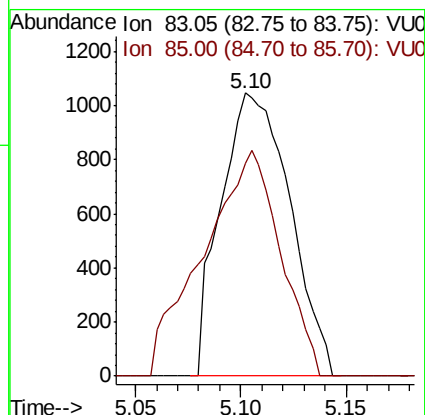
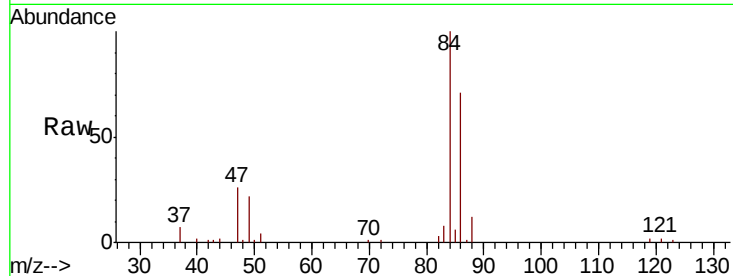




#25
Chloroform
Concen: 0.113 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040418.D
Acq: 01 Oct 2020 12:40

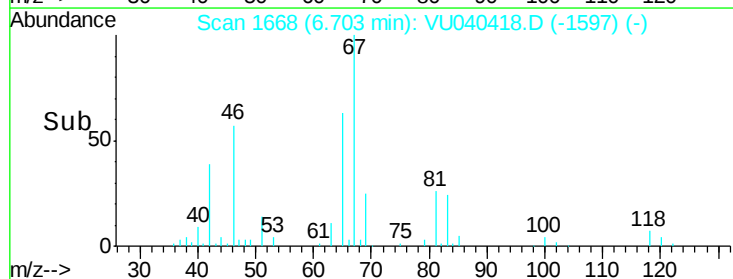
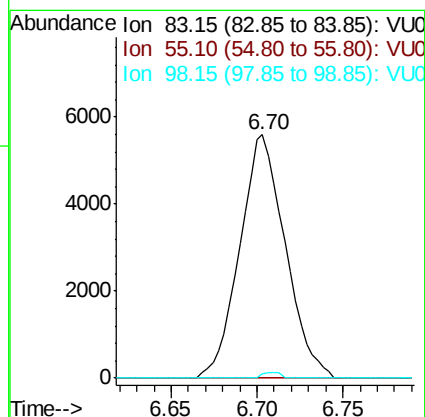
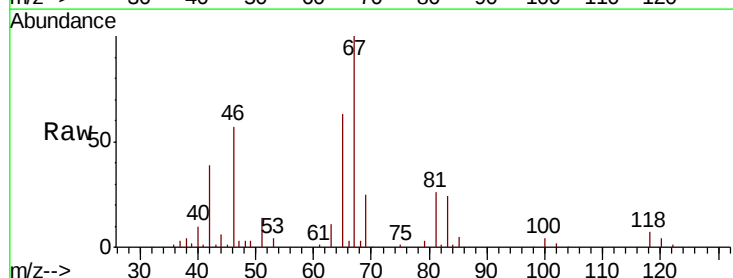
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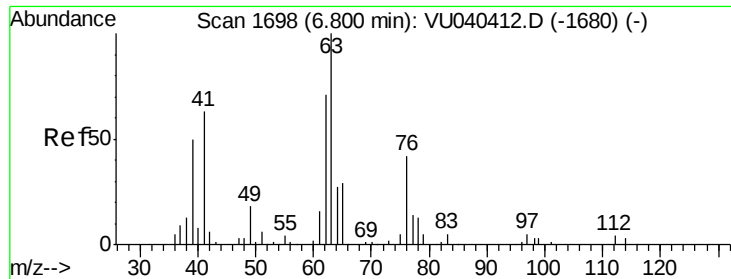
Tot Ion: 83 Resp: 2385
Ion Ratio Lower Upper
83 100
85 75.2 44.6 82.8



#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040418.D
Acq: 01 Oct 2020 12:40

Tgt Ion: 83 Resp: 10244
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.9 38.5 57.7#

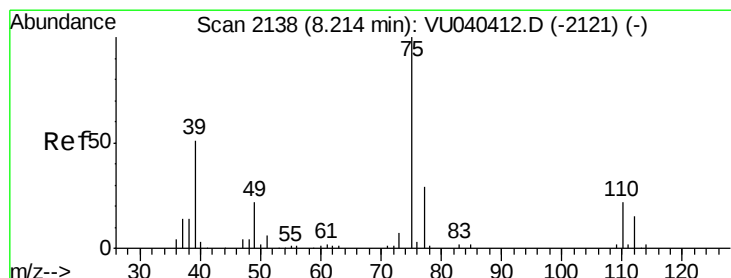
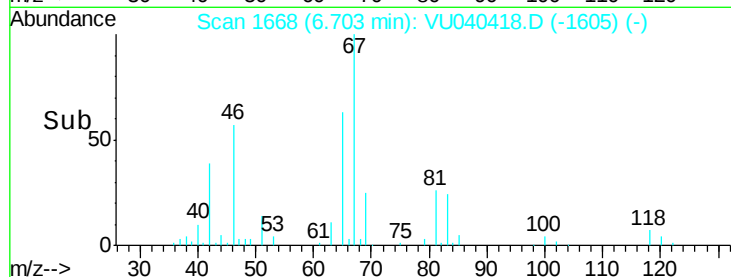
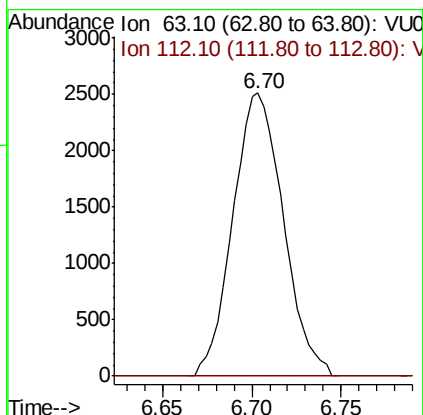
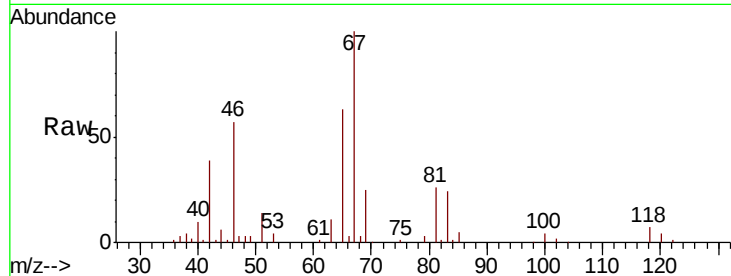




#37
 1,2-Dichloropropane
 Concen: 0.417 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040418.D
 Acq: 01 Oct 2020 12:40

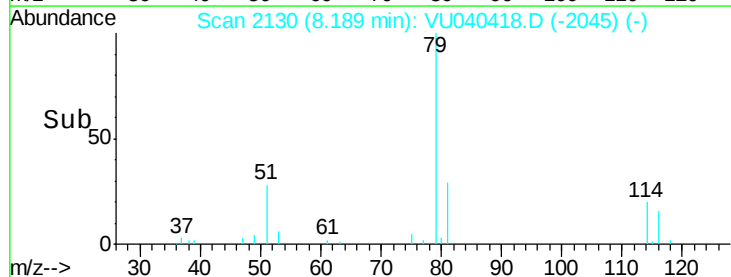
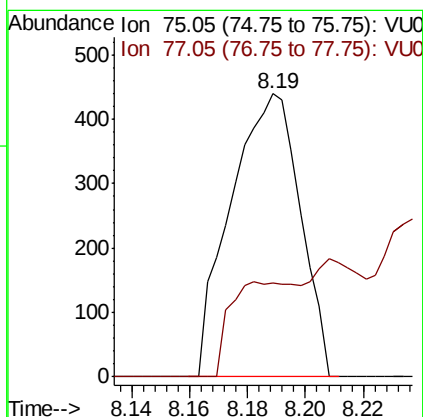
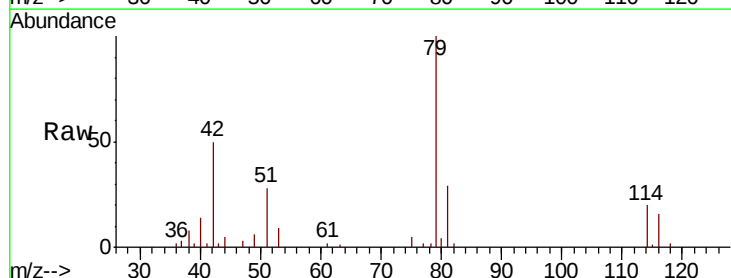
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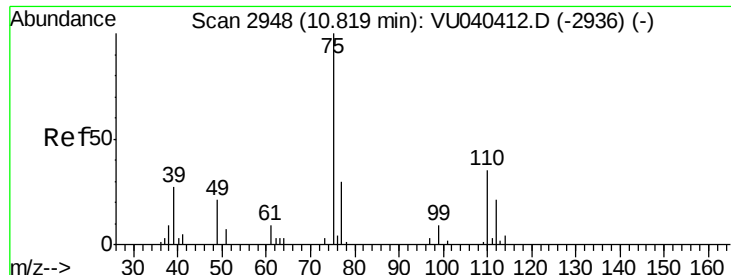
Tot Ion: 63 Resp: 4961
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.050 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040418.D
 Acq: 01 Oct 2020 12:40

Tgt Ion: 75 Resp: 729
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 0.876 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040418.D

Acq: 01 Oct 2020 12:40

Instrument :

MSVOA_U

ClientSampleId :

BG0E1DL

Tot Ion: 75 Resp: 7547

Ion Ratio Lower Upper

75 100

77 41.4 25.7 38.5#

