

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041173.D
 Acq On : 10 Nov 2020 13:13
 Operator : SY/MD
 Sample : L4646-17DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W1DL

Quant Time: Nov 11 00:51:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13897	2.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.40%
7) Chloroethane-d5	1.92	69	14160	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.00%
11) 1,1-Dichloroethene-d2	2.58	63	24240	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	4.65	46	82871	51.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.30%
24) Chloroform-d	5.08	84	40826	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	26089	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	66226	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.70	67	24524	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	55552	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	9630	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	58356	47.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23222	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	24091	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

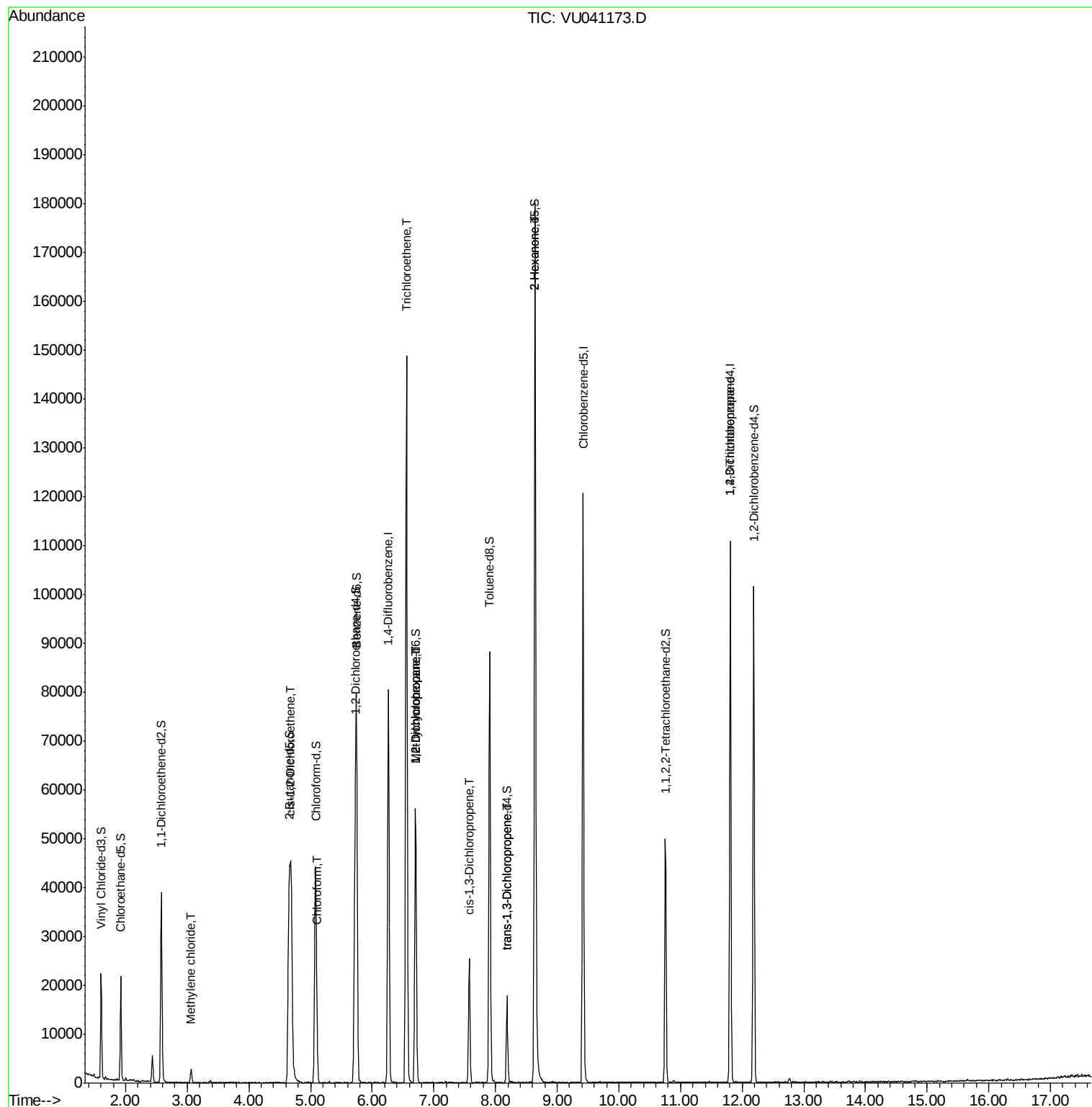
					Ovalue
16) Methylene chloride	3.06	84	1234	0.256 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	13193	3.042 ug/L	99
25) Chloroform	5.11	83	1050	0.125 ug/L	84
34) Trichloroethene	6.56	95	49478	10.737 ug/L	99
35) Methylcyclohexane	6.70	83	5681	0.826 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2993	0.611 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	746	0.111 ug/L	83
44) trans-1,3-Dichloropropene	8.19	75	429	0.068 ug/L #	71
48) 2-Hexanone	8.64	43	9199	3.127 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	3674	1.006 ug/L	91

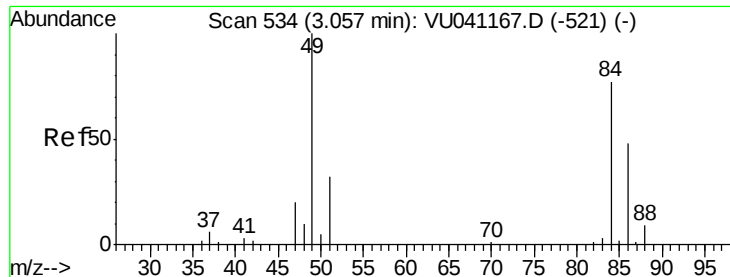
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

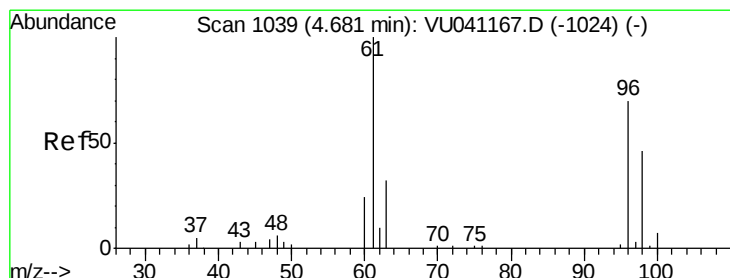
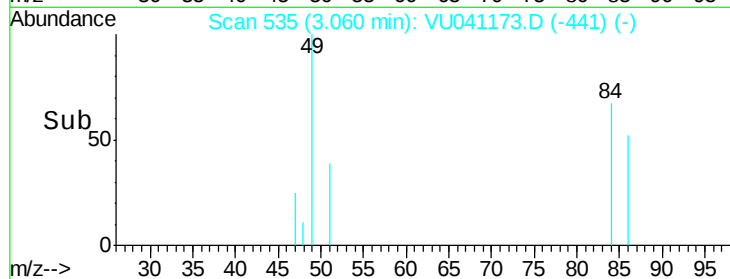
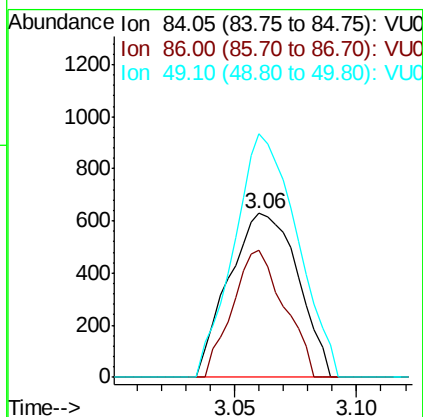
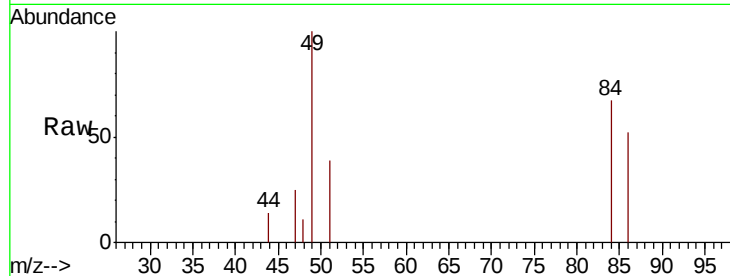




#16
Methvlene chloride
Concen: 0.256 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041173.D
Acq: 10 Nov 2020 13:13

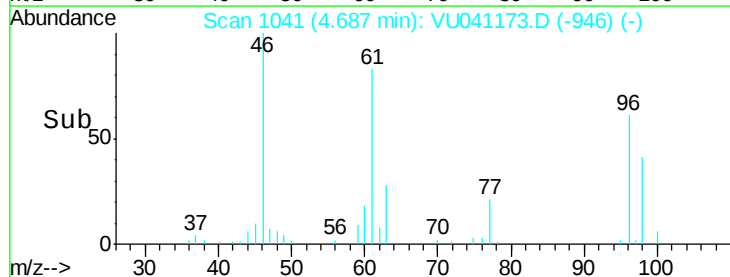
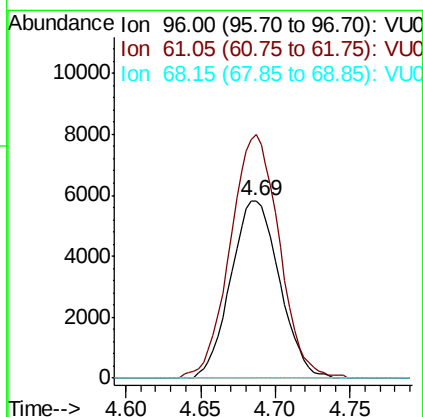
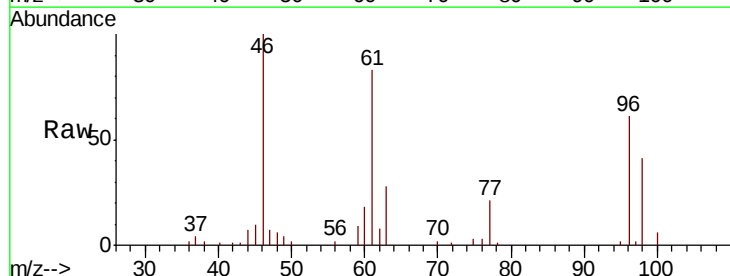
Instrument :
MSVOA_U
ClientSampleId :
GB0W1DL

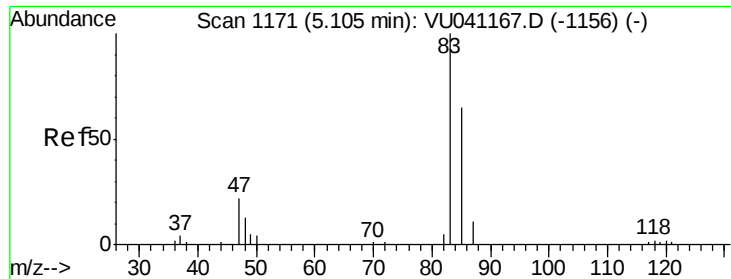
Tot Ion: 84 Resp: 1234
Ion Ratio Lower Upper
84 100
86 77.9 42.8 79.6
49 148.7 99.5 184.7



#22
cis-1,2-Dichloroethene
Concen: 3.042 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041173.D
Acq: 10 Nov 2020 13:13

Tgt Ion: 96 Resp: 13193
Ion Ratio Lower Upper
96 100
61 137.5 97.2 180.4
68 0.0 0.0 0.0

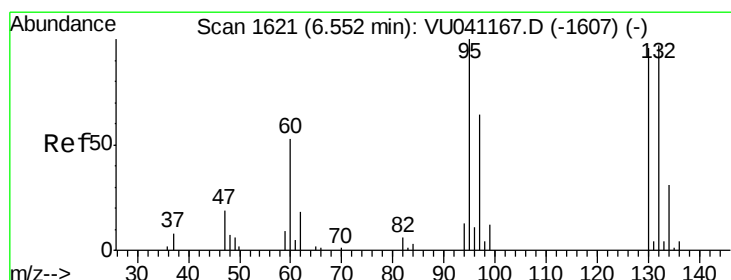
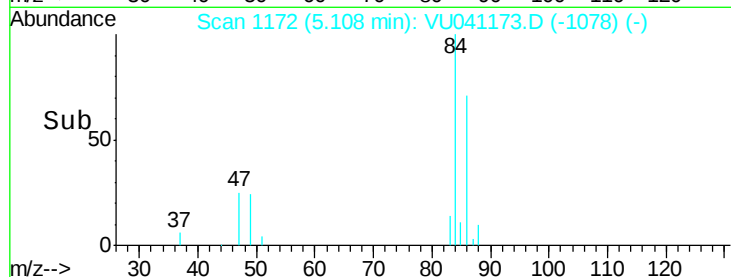
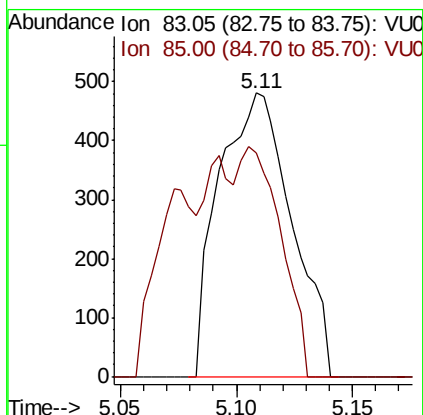
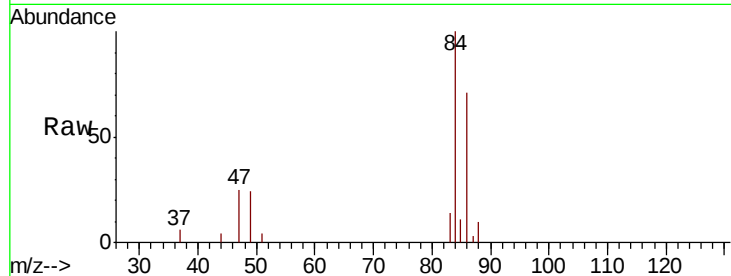




#25
Chloroform
Concen: 0.125 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041173.D
Acq: 10 Nov 2020 13:13

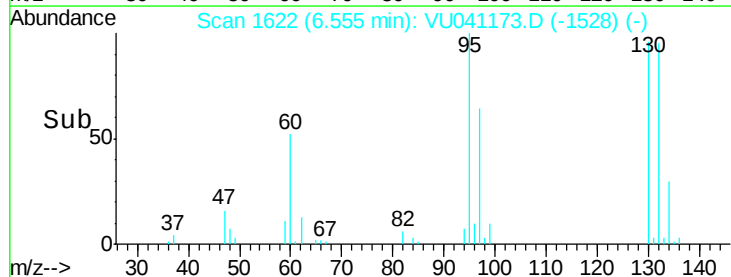
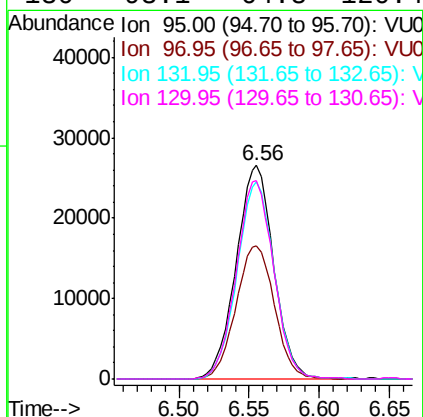
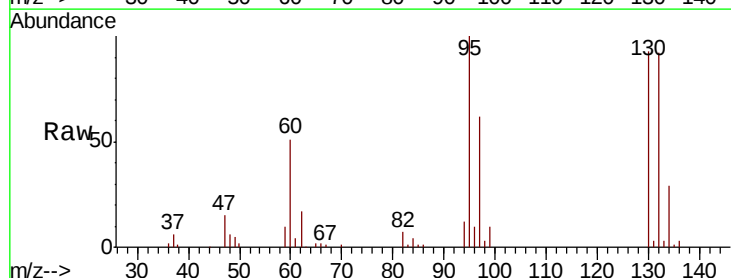
Instrument :
MSVOA_U
ClientSampled :
GB0W1DL

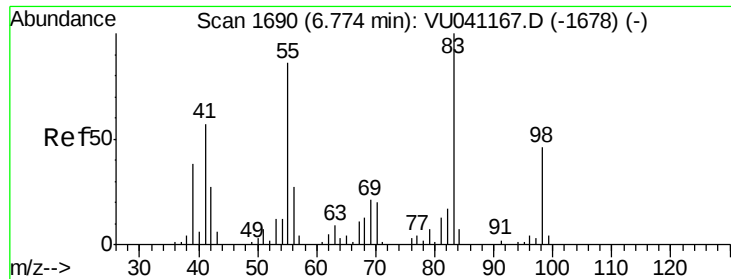
Tot Ion: 83 Resp: 1050
Ion Ratio Lower Upper
83 100
85 78.8 46.1 85.7



#34
Trichloroethene
Concen: 10.737 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU041173.D
Acq: 10 Nov 2020 13:13

Tgt Ion: 95 Resp: 49478
Ion Ratio Lower Upper
95 100
97 62.2 45.6 84.6
132 92.5 64.8 120.4
130 93.1 64.8 120.4

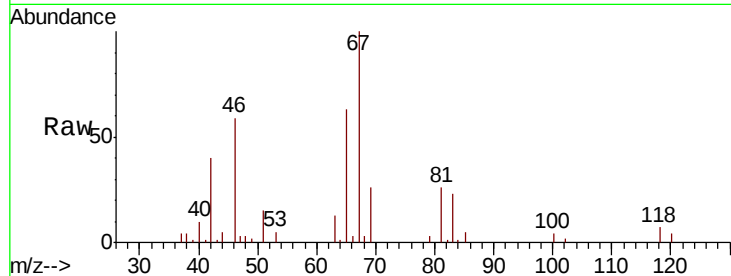




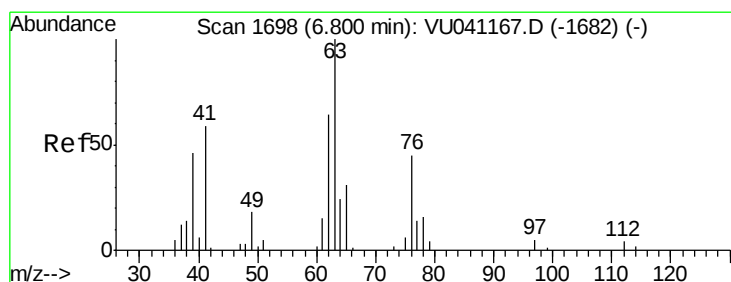
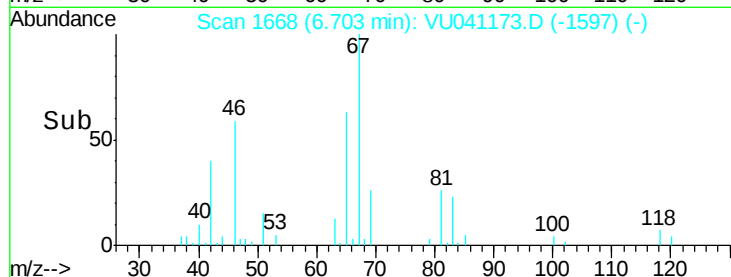
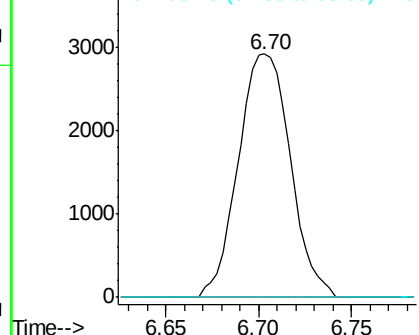
#35
Methvlcvclohexane
Concen: 0.826 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041173.D
Acq: 10 Nov 2020 13:13

Instrument :
MSVOA_U
ClientSampleId :
GB0W1DL

Tot Ion: 83 Resp: 5681
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

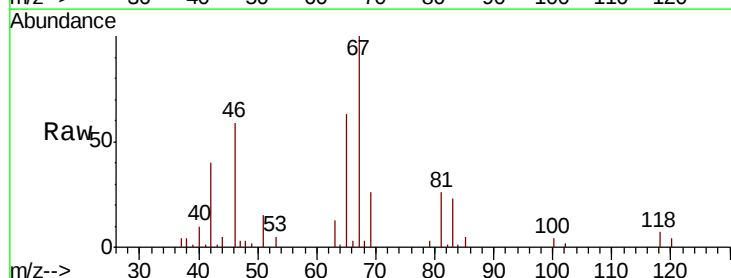


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

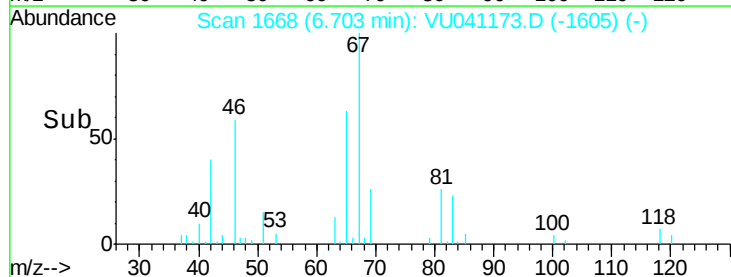
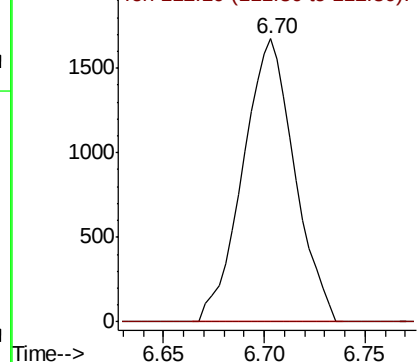


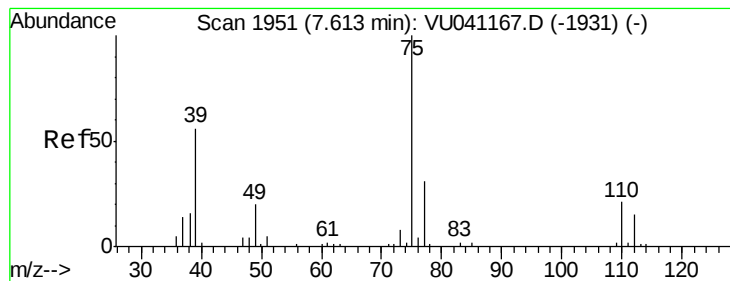
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041173.D
Acq: 10 Nov 2020 13:13

Tgt Ion: 63 Resp: 2993
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041173.D

Acq: 10 Nov 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

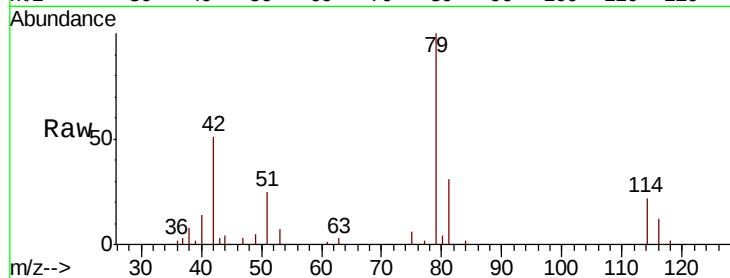
GB0W1DL

Tot Ion: 75 Resp: 746

Ion Ratio Lower Upper

75 100

77 42.0 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

400

300

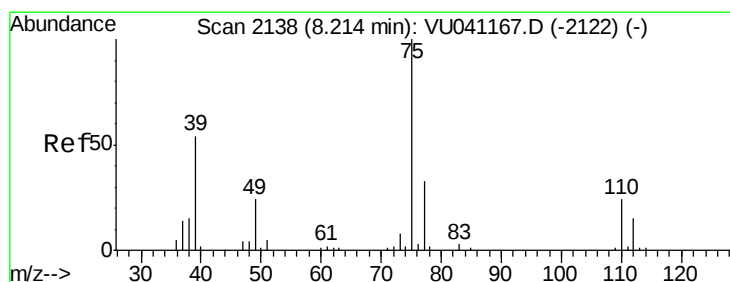
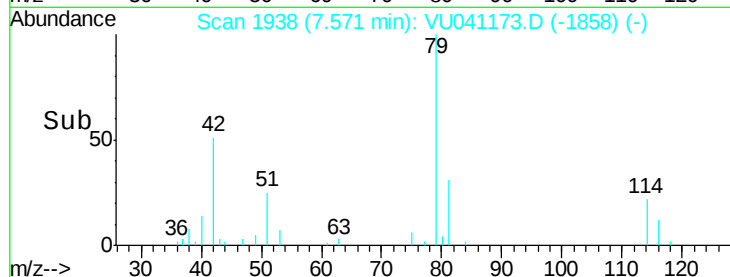
200

100

0

7.54 7.56 7.58 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041173.D

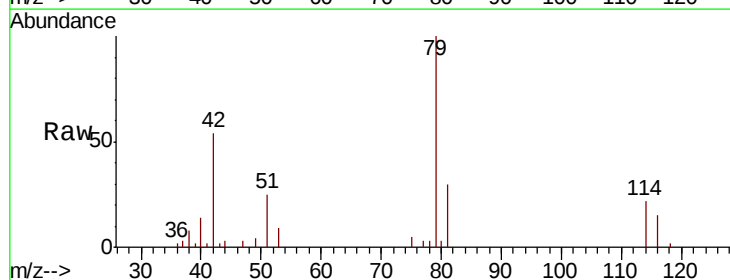
Acq: 10 Nov 2020 13:13

Tgt Ion: 75 Resp: 429

Ion Ratio Lower Upper

75 100

77 49.7 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.19

300

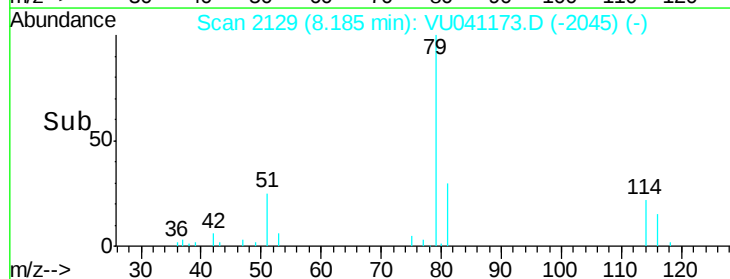
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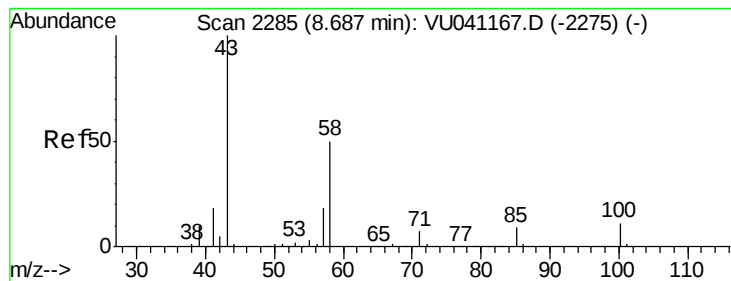
100

0

8.16 8.18 8.20 8.22

Time-->





#48

2-Hexanone

Concen: 3.127 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041173.D

Acq: 10 Nov 2020 13:13

Instrument :

MSVOA_U

ClientSampleId :

GB0W1DL

Tot Ion: 43 Resp: 9199

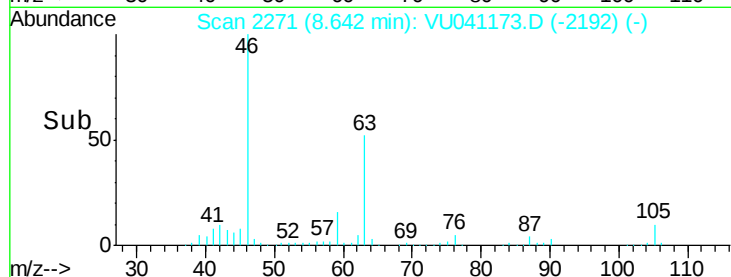
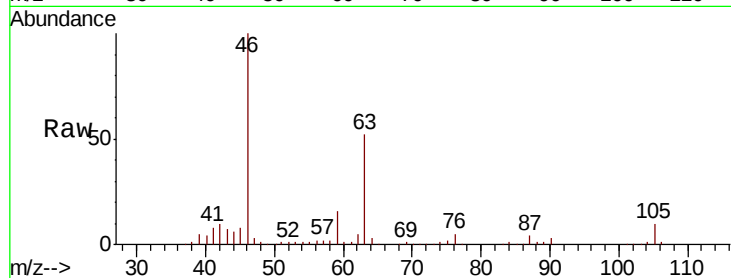
Ion Ratio Lower Upper

43 100

58 27.8 41.4 62.2#

57 27.7 14.6 21.8#

100 0.5 8.3 12.5#

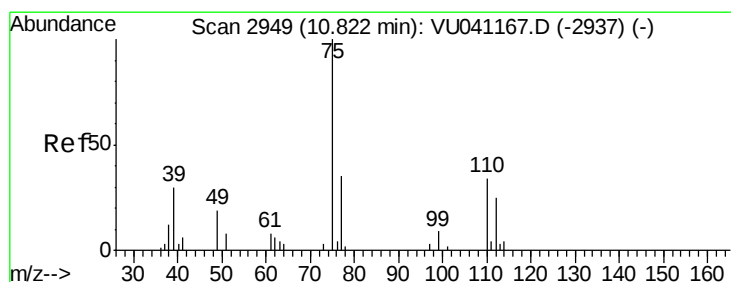
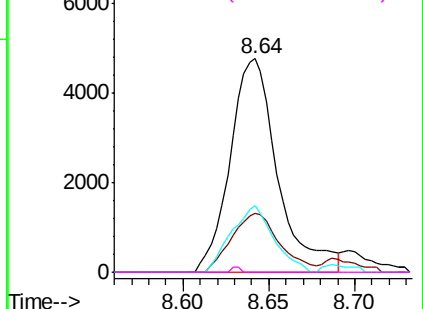


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 1.006 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041173.D

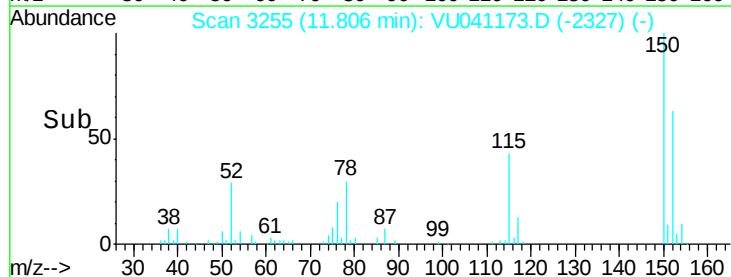
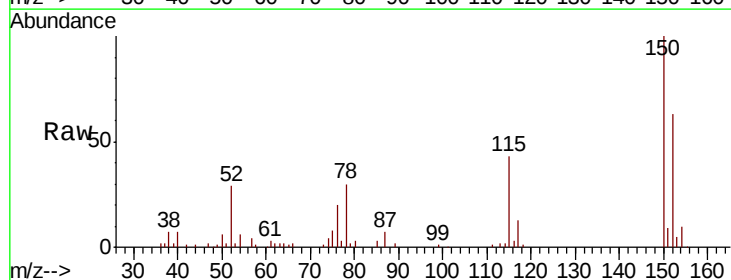
Acq: 10 Nov 2020 13:13

Tgt Ion: 75 Resp: 3674

Ion Ratio Lower Upper

75 100

77 36.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

