

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041127.D
 Acq On : 06 Nov 2020 20:54
 Operator : SY/MD
 Sample : L4646-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G0

Quant Time: Nov 06 23:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59962	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19143	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.92	69	17795	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.58	63	30907	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.65	46	83094	50.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.18%
24) Chloroform-d	5.08	84	46296	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	28961	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	83258	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.70	67	30028	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.91	98	69542	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.19	79	10440	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	59906	47.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25303	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	28374	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

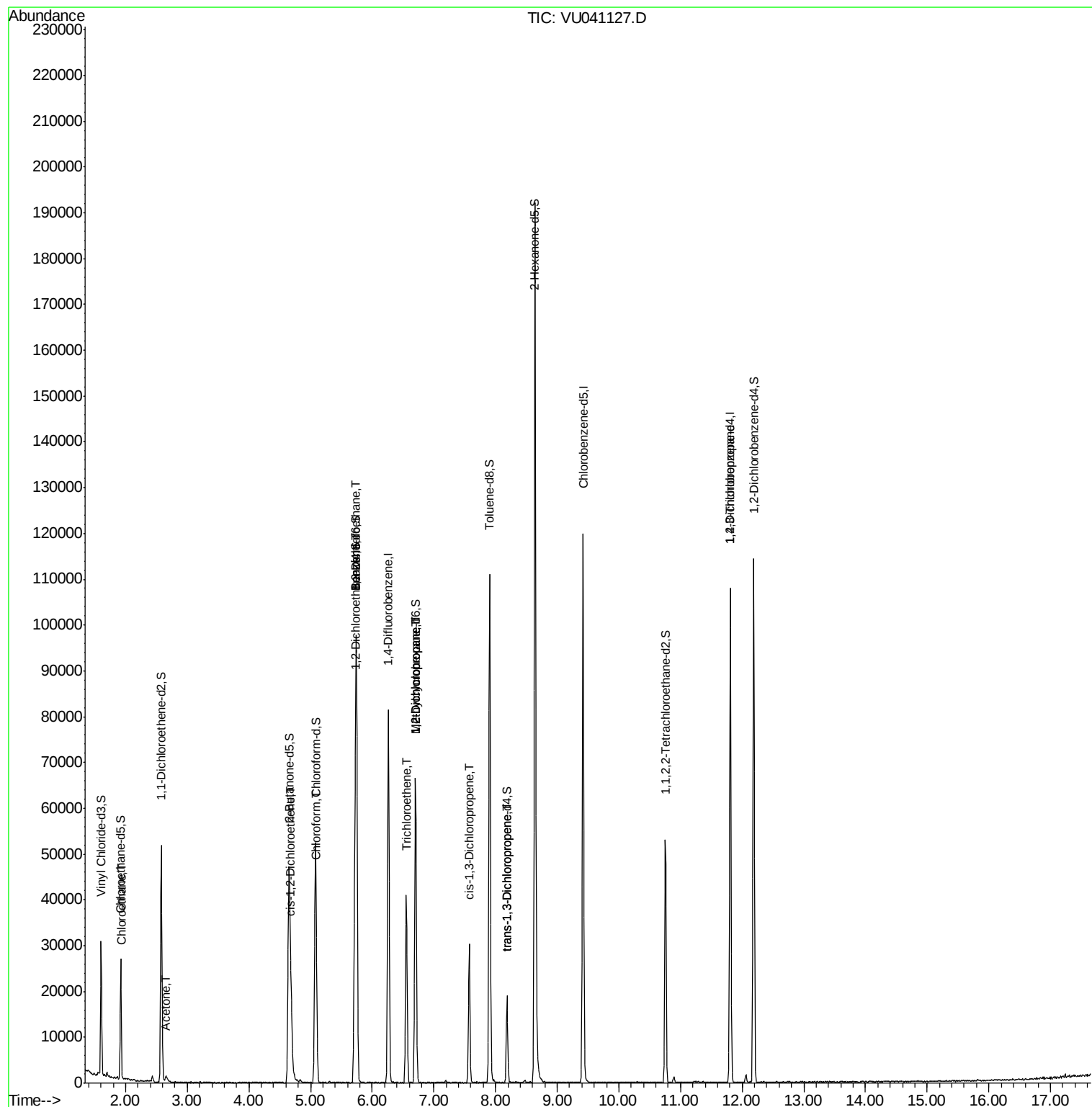
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	129	0.036	ug/L #	43
13) Acetone	2.66	43	2532	2.233	ug/L	72
22) cis-1,2-Dichloroethene	4.69	96	3945	0.889	ug/L	93
25) Chloroform	5.10	83	1110	0.129	ug/L	93
27) 1,2-Dichloroethane	5.75	62	472	0.073	ug/L #	74
33) Benzene	5.74	78	748	0.040	ug/L	100
34) Trichloroethene	6.55	95	14147	2.973	ug/L	96
35) Methylcyclohexane	6.70	83	7007	0.987	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3316	0.655	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	817	0.117	ug/L	89
44) trans-1,3-Dichloropropene	8.19	75	481	0.074	ug/L	97
59) 1,2,3-Trichloropropane	11.81	75	3890	1.032	ug/L	97

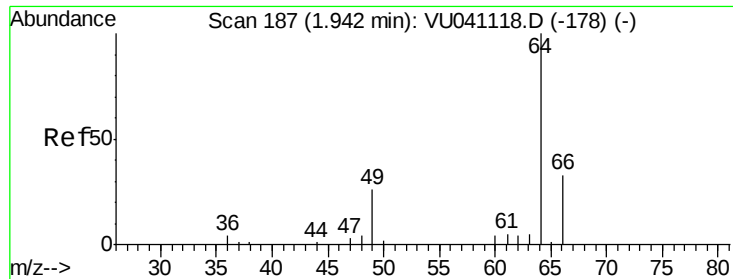
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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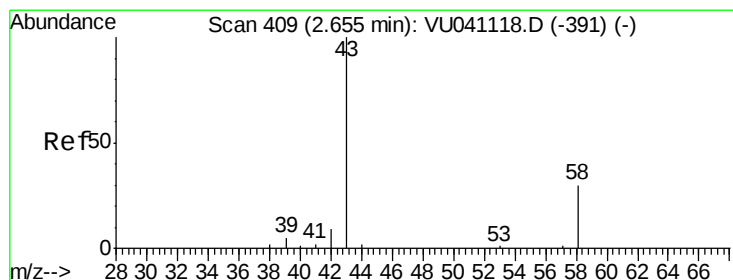
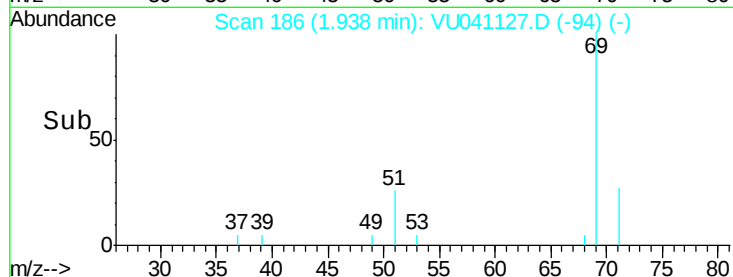
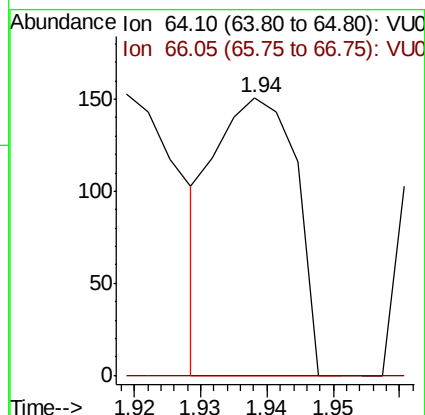
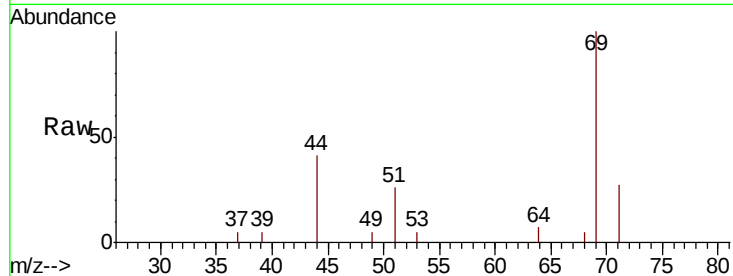




#8
Chloroethane
Concen: 0.036 ug/L
RT: 1.94 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU041127.D
Acq: 06 Nov 2020 20:54

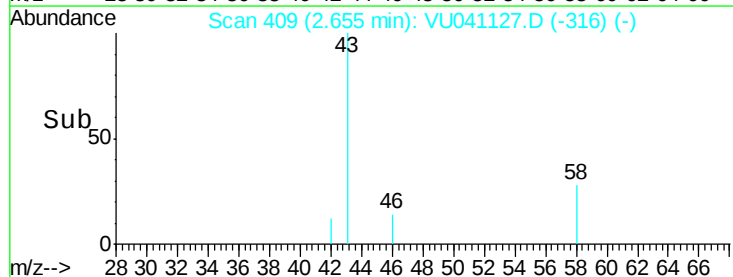
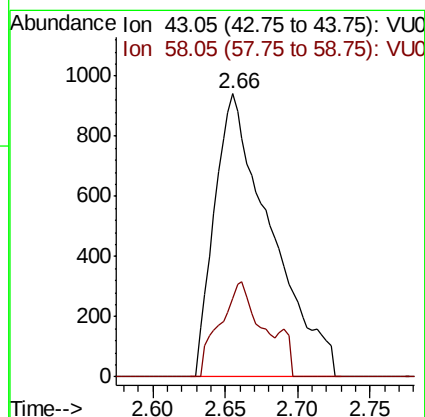
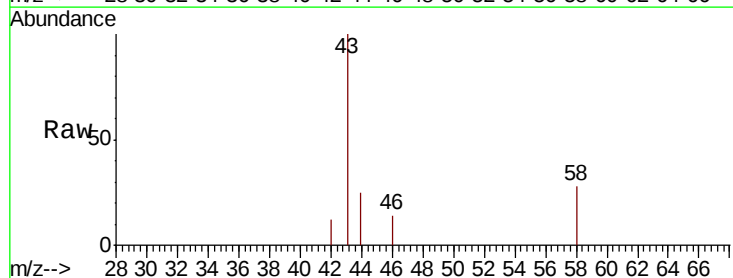
Instrument :
MSVOA_U
ClientSampleId :
GB0G0

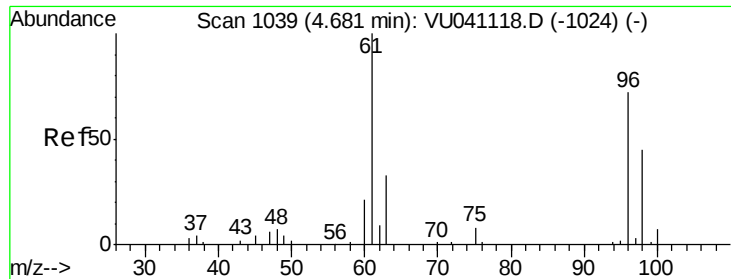
Tot Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#13
Acetone
Concen: 2.233 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.00 min
Lab File: VU041127.D
Acq: 06 Nov 2020 20:54

Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
58 23.6 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.889 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041127.D

Acq: 06 Nov 2020 20:54

Instrument :

MSVOA_U

ClientSampleId :

GB0G0

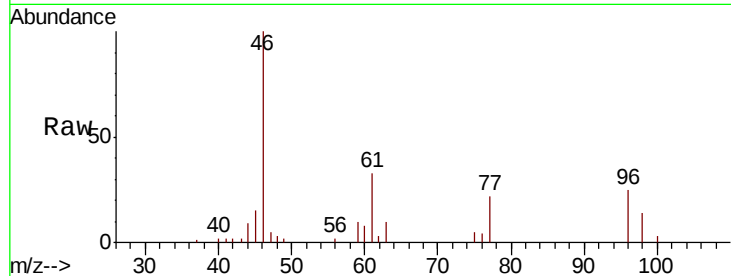
Tot Ion: 96 Resp: 3945

Ion Ratio Lower Upper

96 100

61 130.4 97.2 180.4

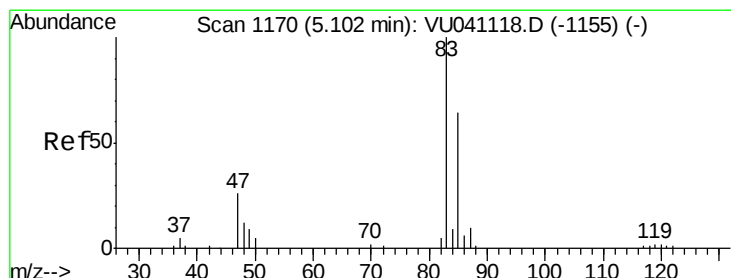
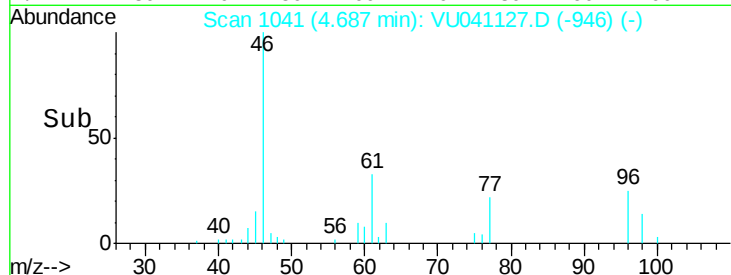
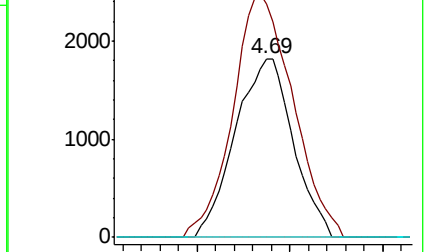
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041118.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041118.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041118.D (-1024) (-)



#25

Chloroform

Concen: 0.129 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU041127.D

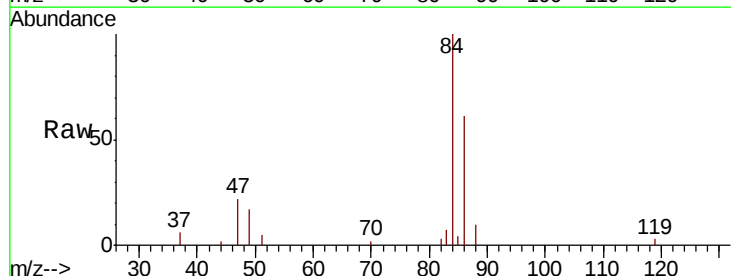
Acq: 06 Nov 2020 20:54

Tgt Ion: 83 Resp: 1110

Ion Ratio Lower Upper

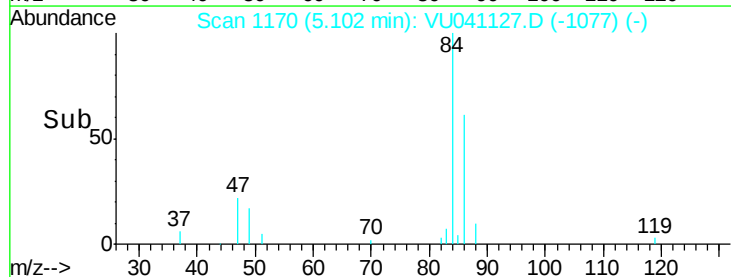
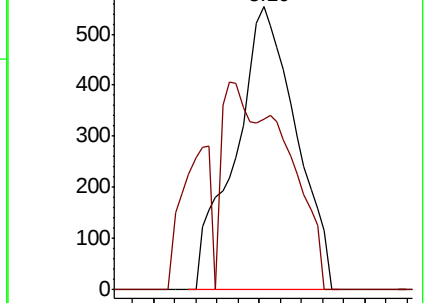
83 100

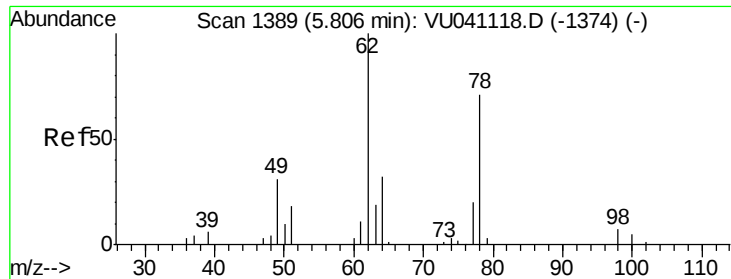
85 60.2 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041118.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU041118.D (-1155) (-)

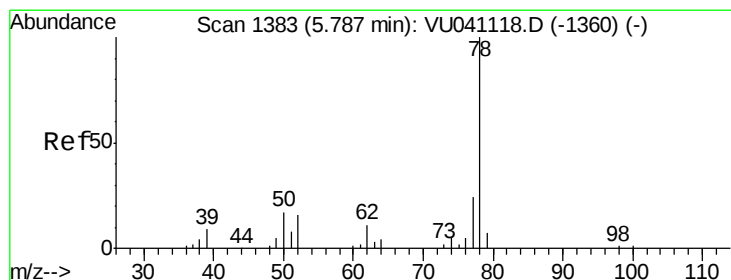
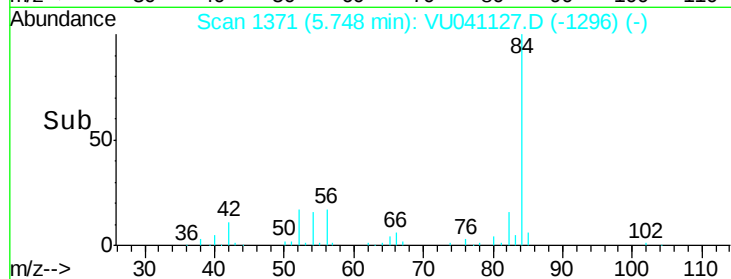
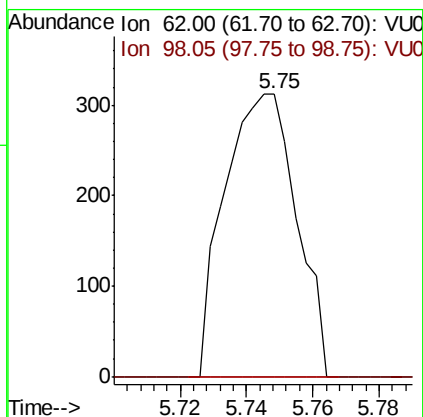
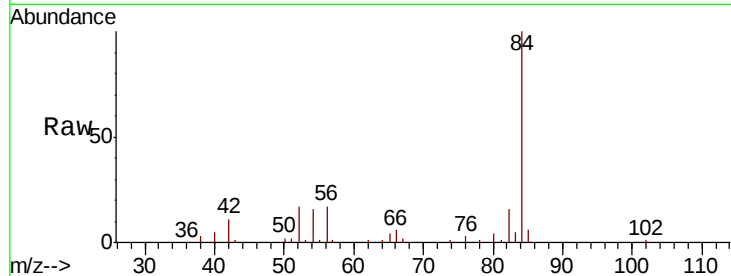




#27
 1,2-Dichloroethane
 Concen: 0.073 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041127.D
 Acq: 06 Nov 2020 20:54

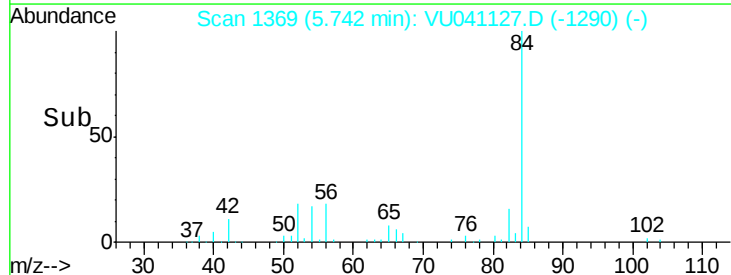
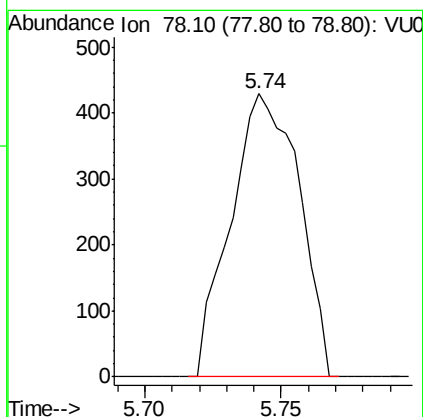
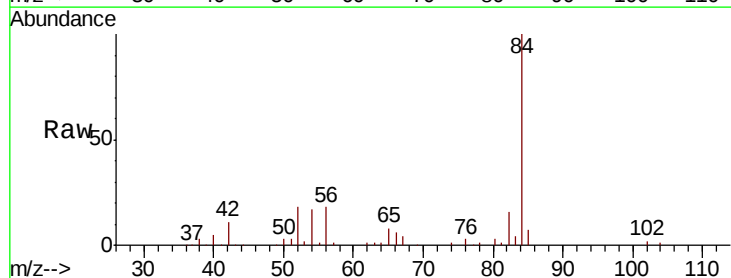
Instrument :
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 ClientSampleId :
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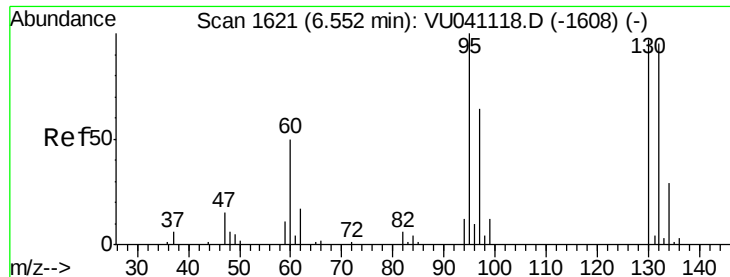
Tot Ion: 62 Resp: 472
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.040 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: VU041127.D
 Acq: 06 Nov 2020 20:54

Tgt Ion: 78 Resp: 748





#34

Trichloroethene

Concen: 2.973 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041127.D

Acq: 06 Nov 2020 20:54

Instrument :

MSVOA_U

ClientSampled :

GB0G0

Tot Ion: 95 Resp: 14147

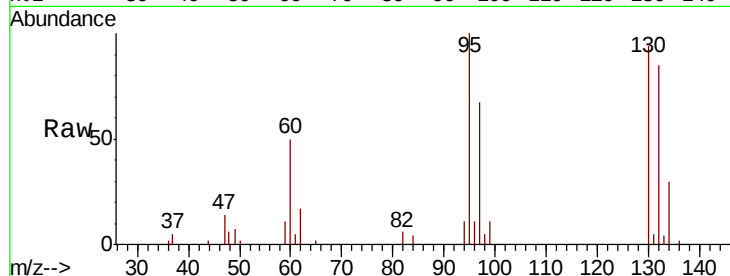
Ion Ratio Lower Upper

95 100

97 67.5 45.6 84.6

132 85.5 64.8 120.4

130 94.5 64.8 120.4

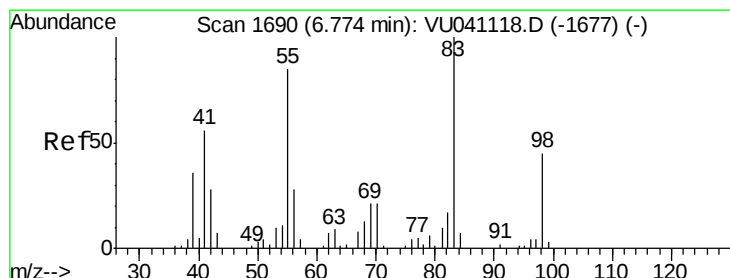
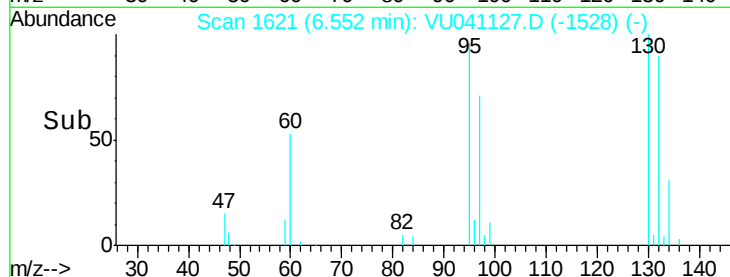
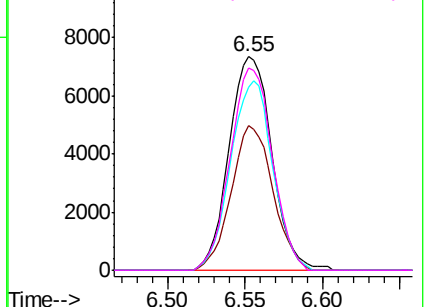


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.987 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041127.D

Acq: 06 Nov 2020 20:54

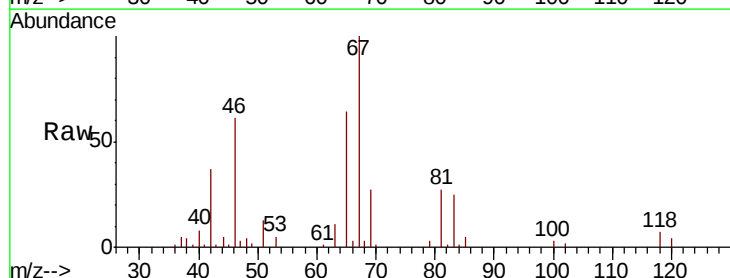
Tgt Ion: 83 Resp: 7007

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

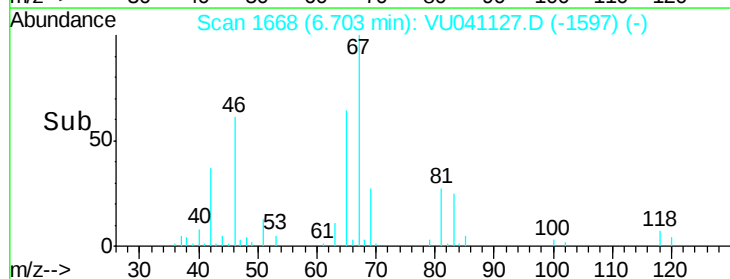
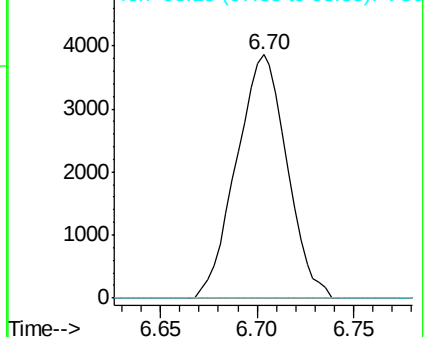
98 7.6 36.6 55.0#

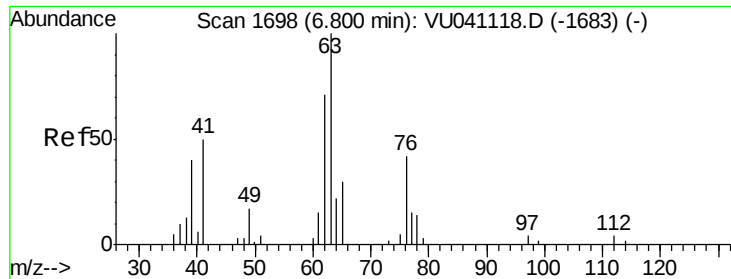


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

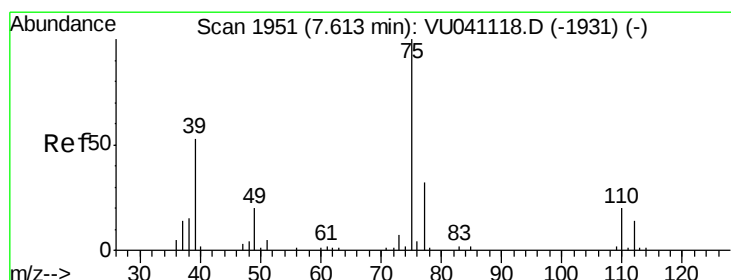
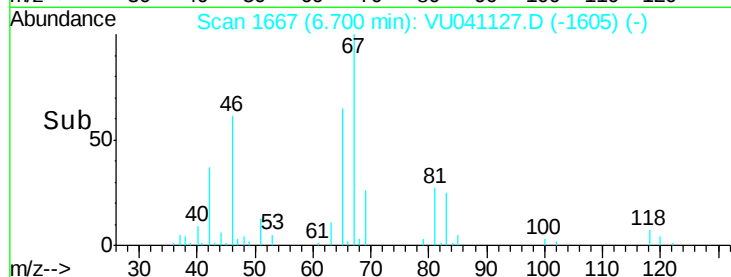
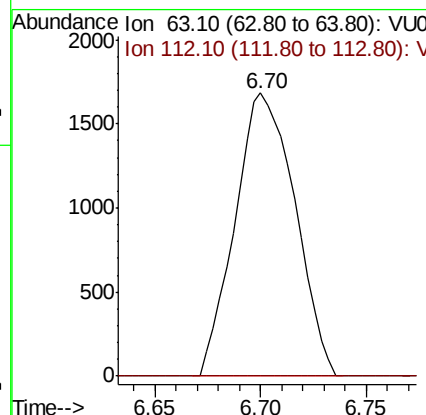
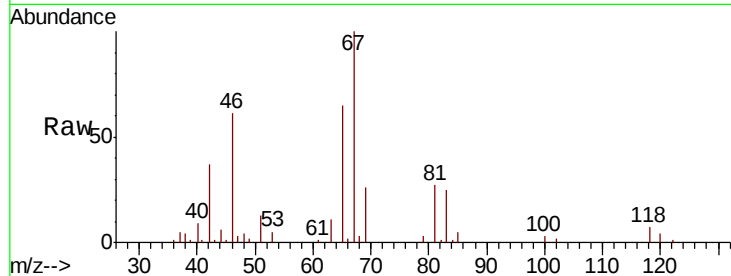




#37
 1,2-Dichloropropane
 Concen: 0.655 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041127.D
 Acq: 06 Nov 2020 20:54

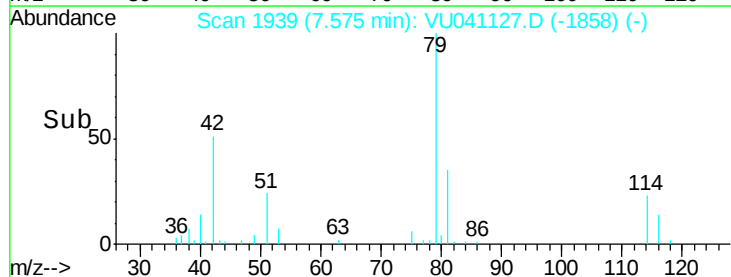
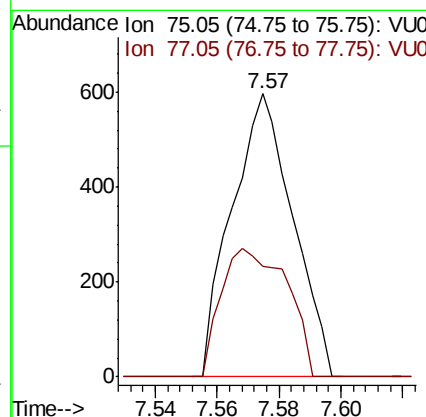
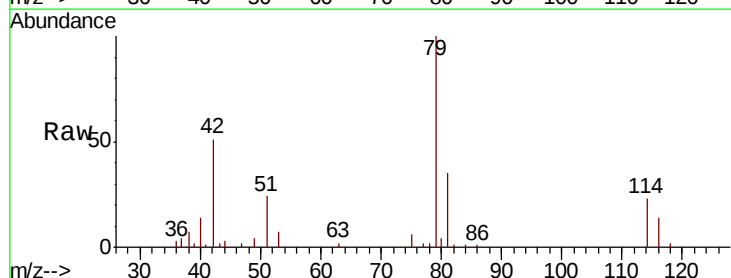
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G0

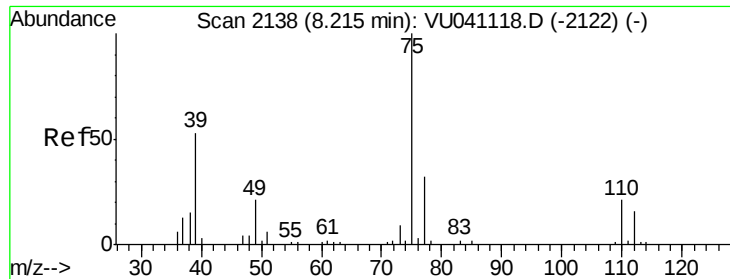
Tot Ion: 63 Resp: 3316
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041127.D
 Acq: 06 Nov 2020 20:54

Tgt Ion: 75 Resp: 817
 Ion Ratio Lower Upper
 75 100
 77 38.9 22.7 42.3





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041127.D

Acq: 06 Nov 2020 20:54

Instrument :

MSVOA_U

ClientSampled :

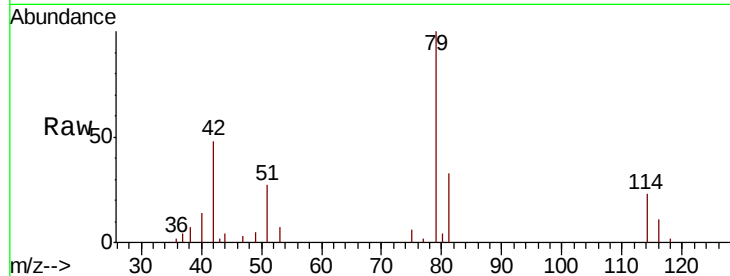
GB0G0

Tot Ion: 75 Resp: 481

Ion Ratio Lower Upper

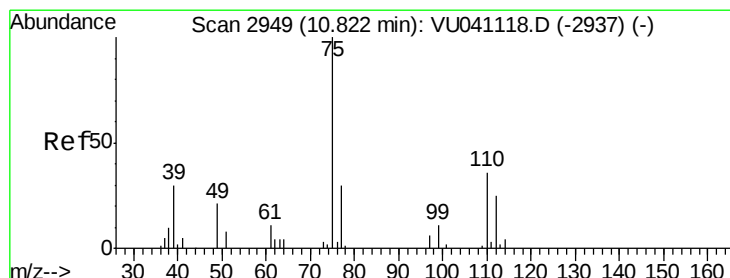
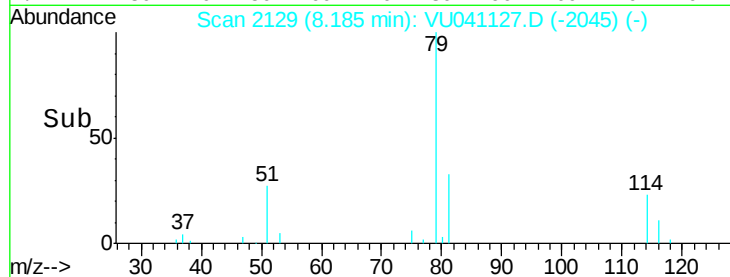
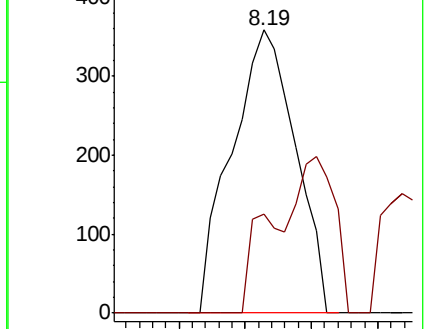
75 100

77 34.9 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.032 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041127.D

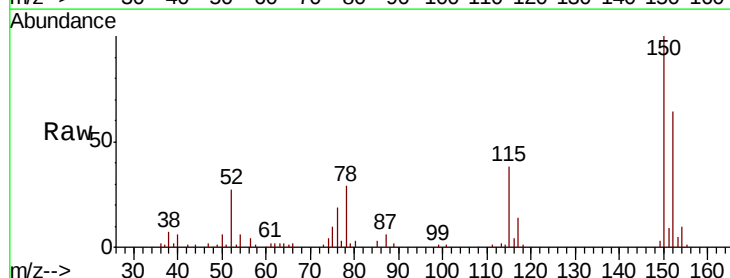
Acq: 06 Nov 2020 20:54

Tgt Ion: 75 Resp: 3890

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

