

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041119.D
 Acq On : 06 Nov 2020 17:08
 Operator : SY/MD
 Sample : VU1106WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

Quant Time: Nov 06 23:12:02 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	64511	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	29270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19933	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.92	69	18059	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.58	63	32956	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.65	46	93716	52.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.02%
24) Chloroform-d	5.08	84	46809	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	29473	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	85096	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	30143	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.91	98	71097	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	11269	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	65920	48.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26276	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	29863	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

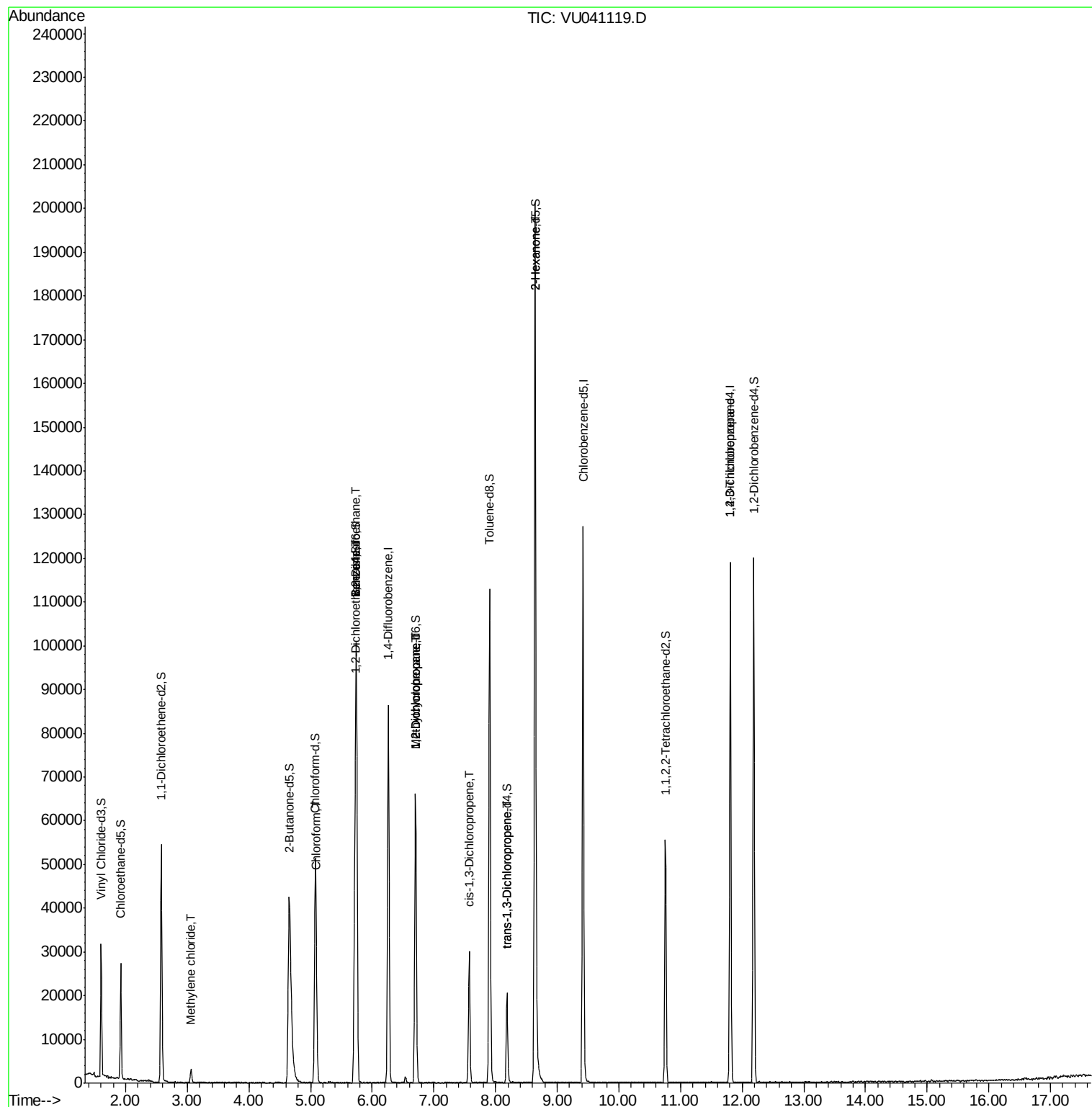
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1373	0.259	ug/L	86
25) Chloroform	5.10	83	1196	0.129	ug/L	97
27) 1,2-Dichloroethane	5.74	62	304	0.044	ug/L #	74
33) Benzene	5.74	78	656	0.033	ug/L	100
35) Methylcyclohexane	6.70	83	6747	0.897	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3561	0.664	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	771	0.104	ug/L #	75
44) trans-1,3-Dichloropropene	8.18	75	489	0.071	ug/L #	71
48) 2-Hexanone	8.64	43	9534	2.961	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	3945	0.987	ug/L	90

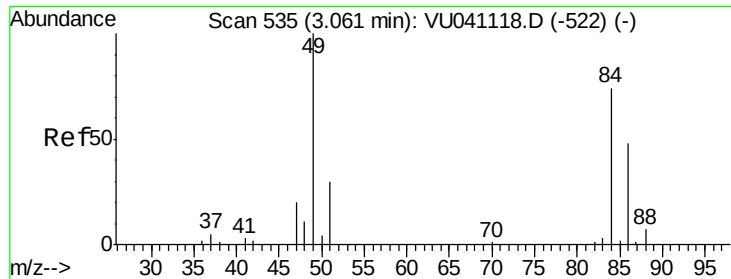
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
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QLast Update : Fri Nov 06 23:04:51 2020
Response via : Initial Calibration

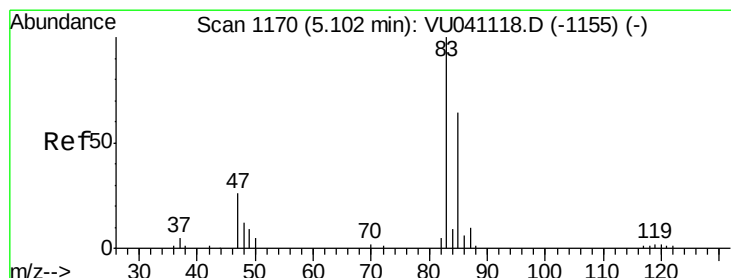
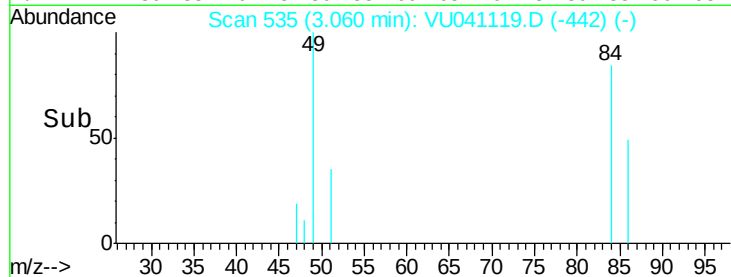
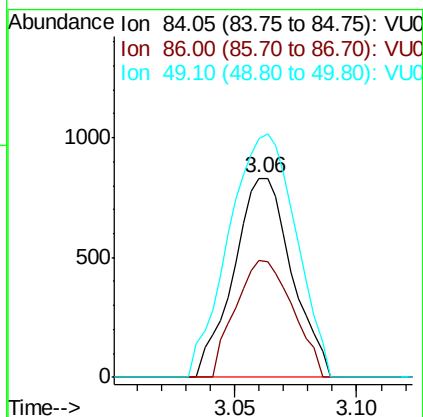
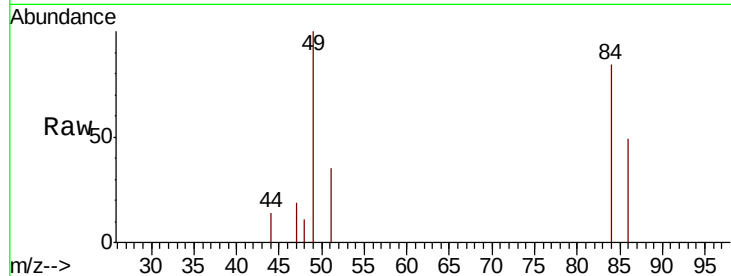




#16
Methylene chloride
Concen: 0.259 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041119.D
Acq: 06 Nov 2020 17:08

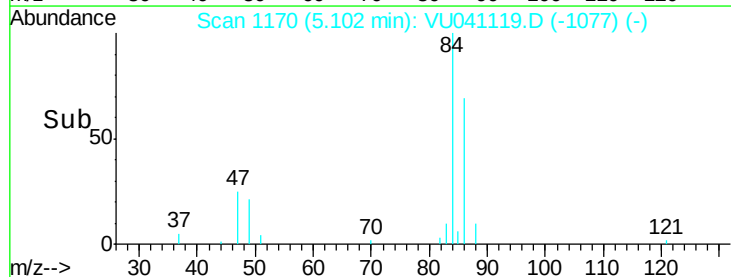
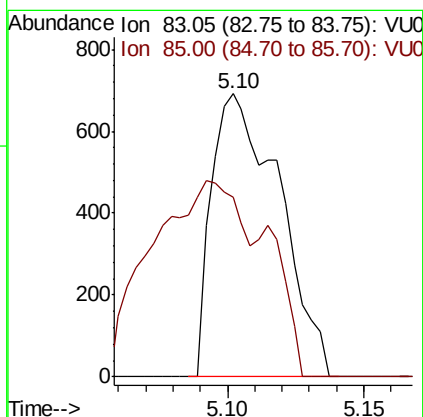
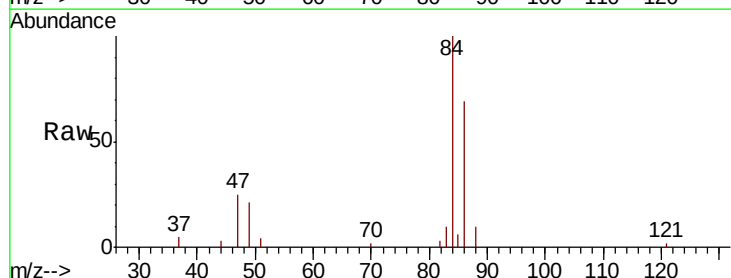
Instrument :
MSVOA_U
ClientSampleId :
VBLK17

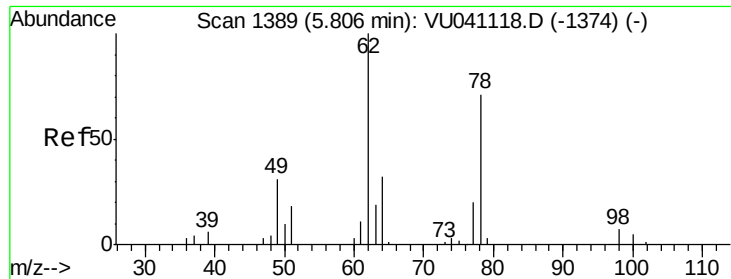
Tot Ion: 84 Resp: 1373
Ion Ratio Lower Upper
84 100
86 58.7 42.8 79.6
49 119.7 99.5 184.7



#25
Chloroform
Concen: 0.129 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU041119.D
Acq: 06 Nov 2020 17:08

Tgt Ion: 83 Resp: 1196
Ion Ratio Lower Upper
83 100
85 63.3 46.1 85.7

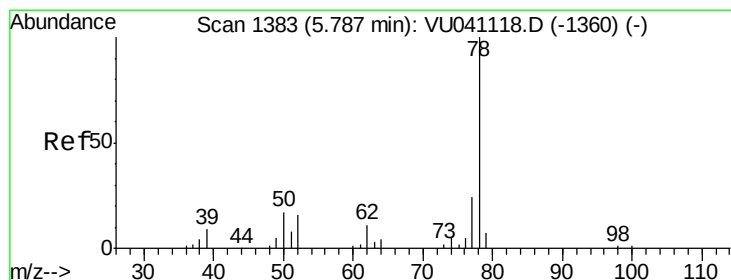
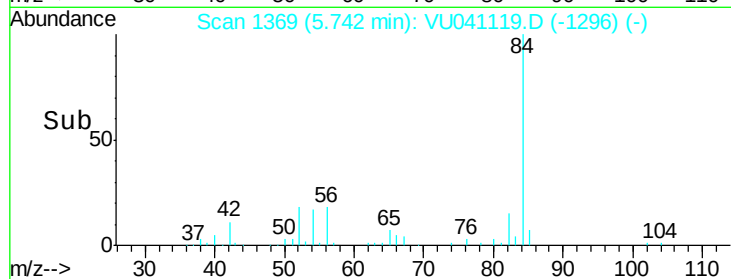
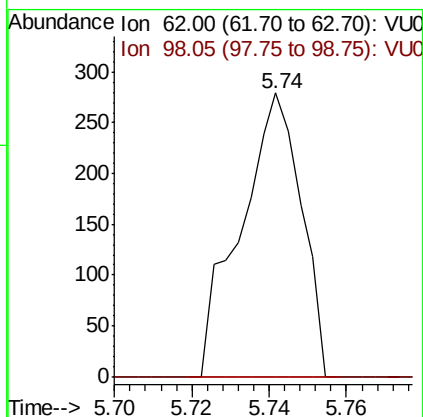
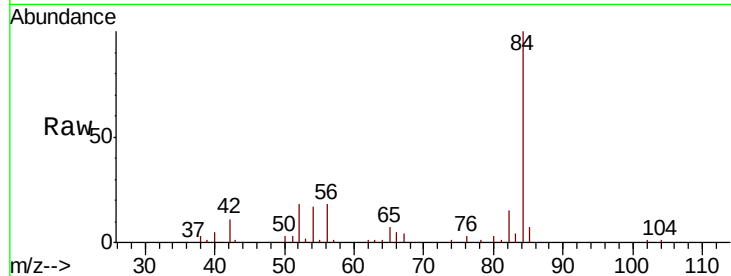




#27
 1,2-Dichloroethane
 Concen: 0.044 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041119.D
 Acq: 06 Nov 2020 17:08

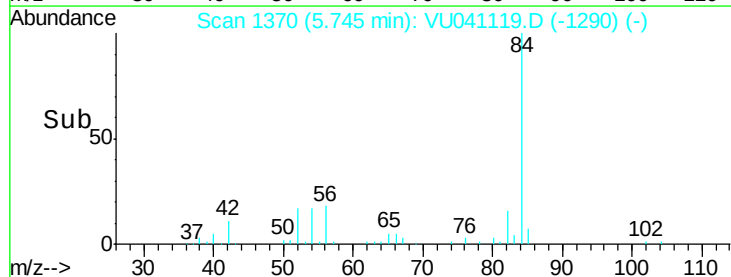
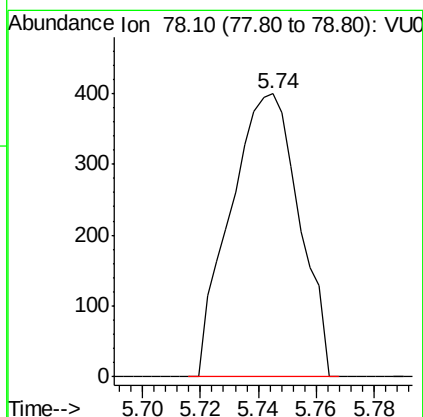
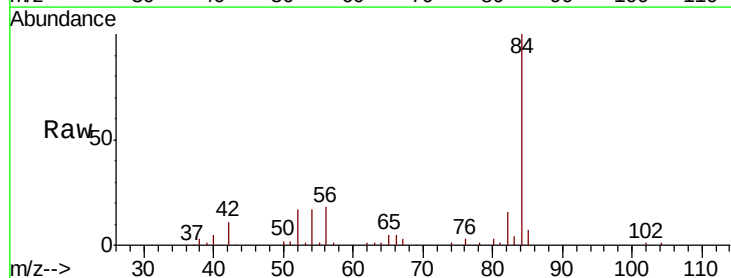
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

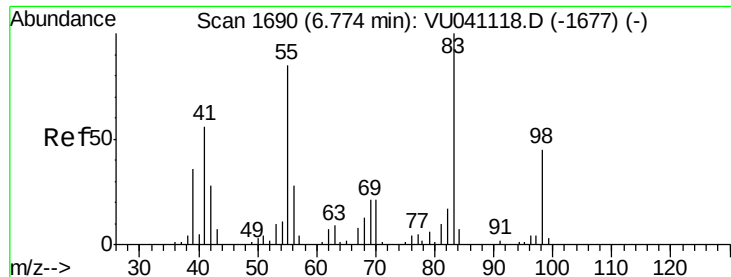
Tot Ion: 62 Resp: 304
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.033 ug/L
 RT: 5.74 min Scan# 1370
 Delta R.T. -0.04 min
 Lab File: VU041119.D
 Acq: 06 Nov 2020 17:08

Tgt Ion: 78 Resp: 656

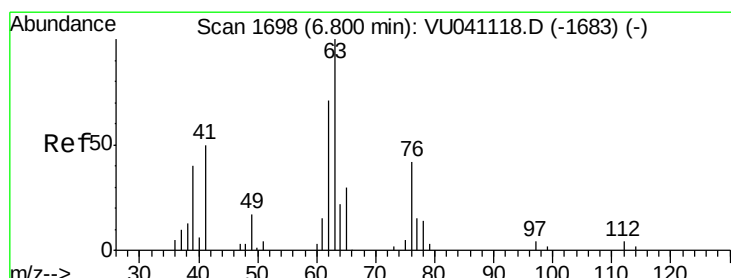
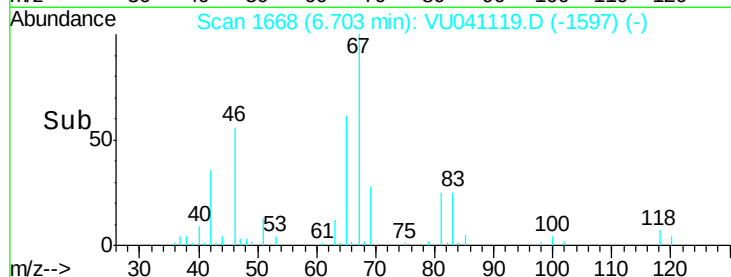
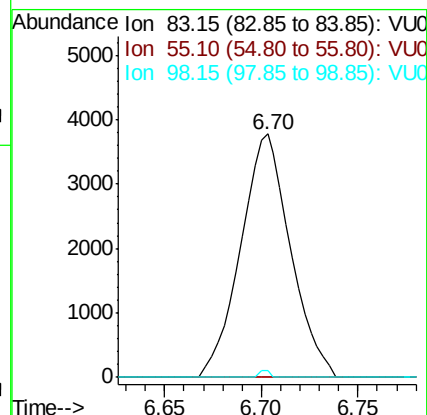
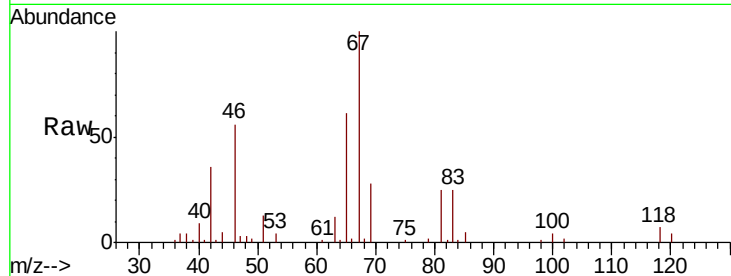




#35
Methylvlcyclohexane
Concen: 0.897 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041119.D
Acq: 06 Nov 2020 17:08

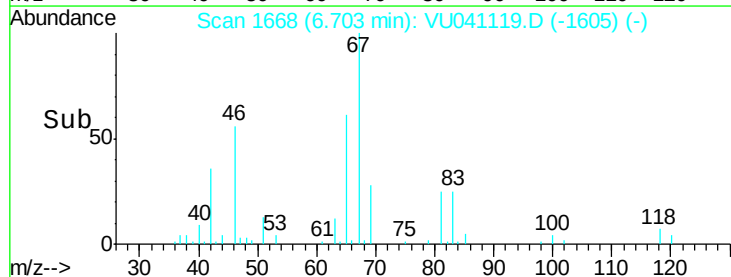
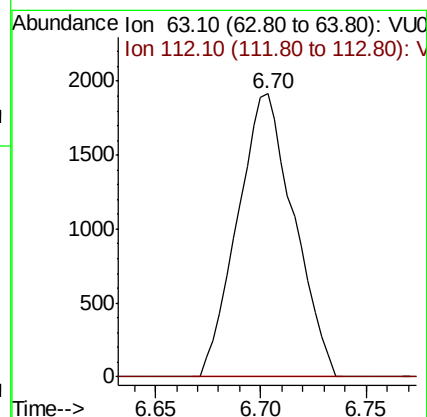
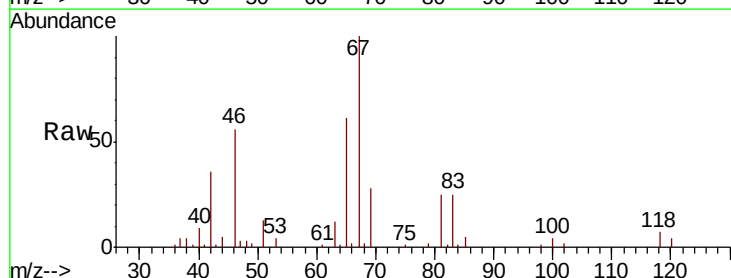
Instrument :
MSVOA_U
ClientSampleId :
VBLK17

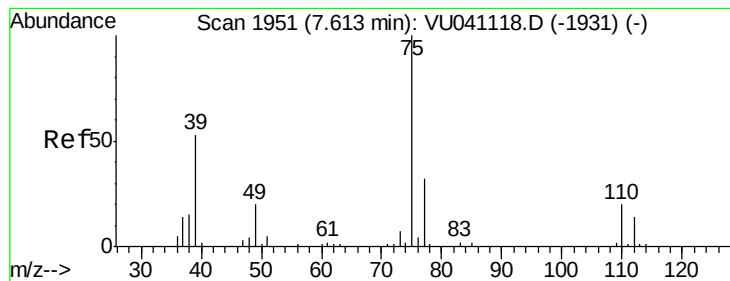
Tot Ion: 83 Resp: 6747
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.6 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041119.D
Acq: 06 Nov 2020 17:08

Tgt Ion: 63 Resp: 3561
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041119.D

Acq: 06 Nov 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

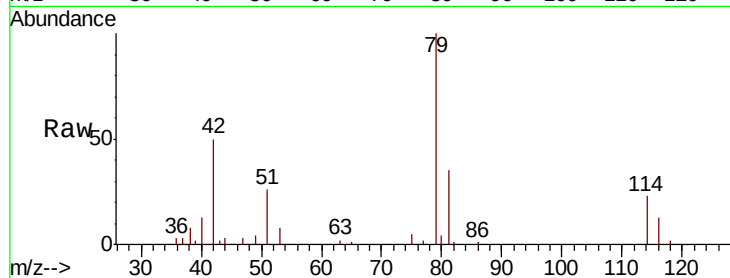
VBLK17

Tot Ion: 75 Resp: 771

Ion Ratio Lower Upper

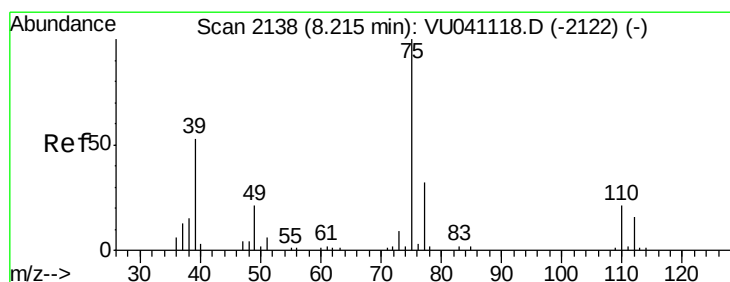
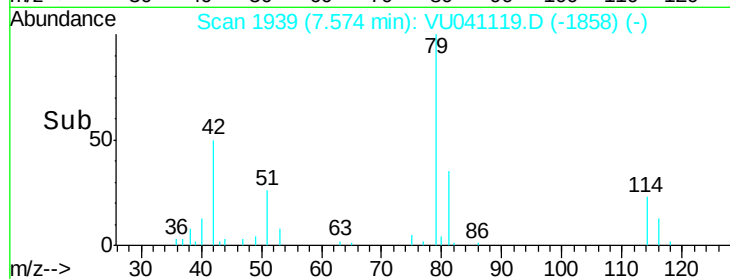
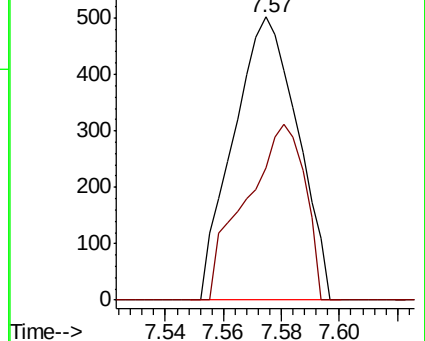
75 100

77 46.6 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041119.D

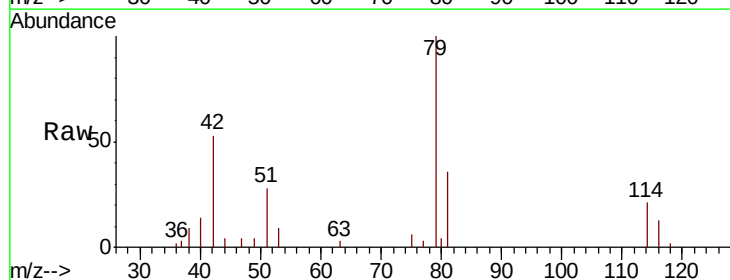
Acq: 06 Nov 2020 17:08

Tgt Ion: 75 Resp: 489

Ion Ratio Lower Upper

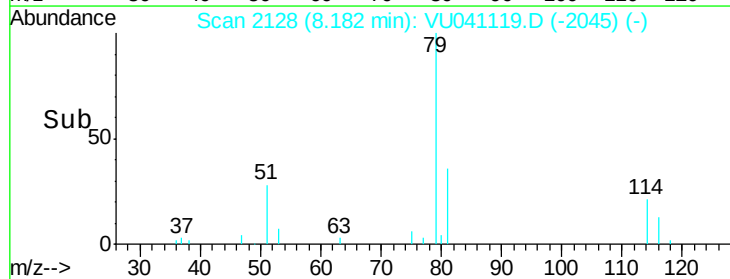
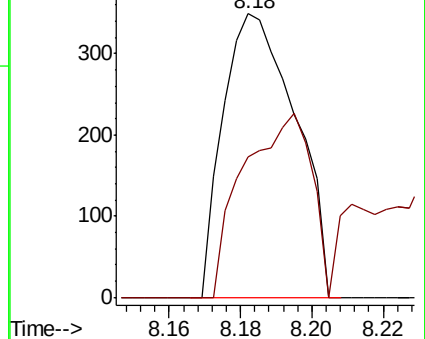
75 100

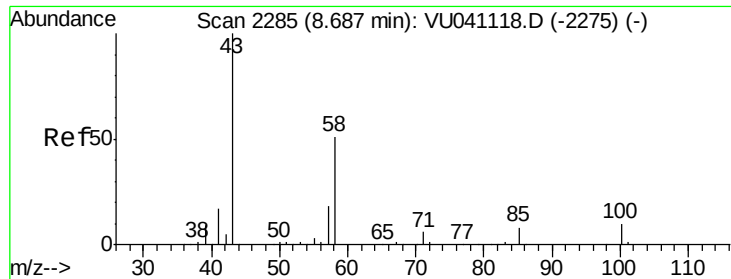
77 49.6 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

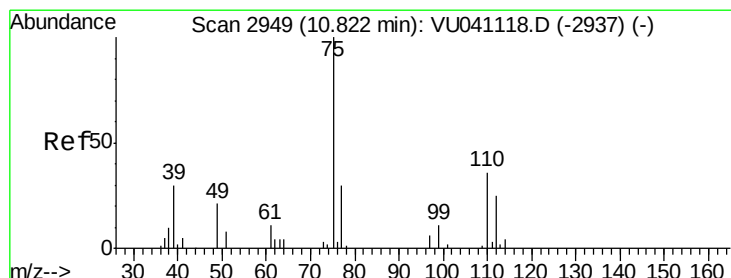
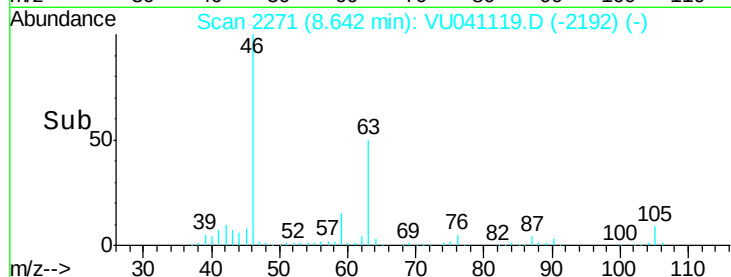
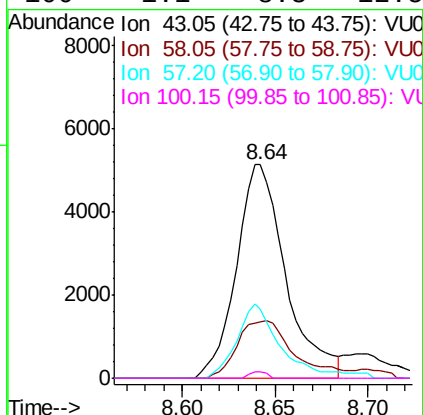
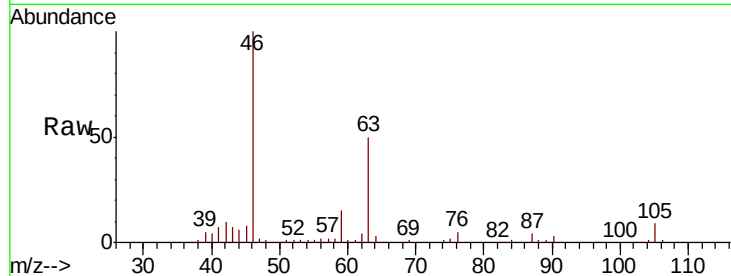




#48
2-Hexanone
Concen: 2.961 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041119.D
Acq: 06 Nov 2020 17:08

Instrument :
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Tot Ion:	43	Resp:	9534
Ion	Ratio	Lower	Upper
43	100		
58	31.2	41.4	62.2#
57	31.4	14.6	21.8#
100	1.1	8.3	12.5#



#59
1,2,3-Trichloropropane
Concen: 0.987 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041119.D
Acq: 06 Nov 2020 17:08

Tgt Ion:	75	Resp:	3945
Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.7	38.5

