

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041039.D
 Acq On : 30 Oct 2020 14:37
 Operator : SY/MD
 Sample : L4558-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 31 00:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 23:53:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52863	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54685	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23461	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20821	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.92	69	15899	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	30170	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	77624	53.08	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.16%
24) Chloroform-d	5.08	84	36528	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	24351	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.74	84	68811	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	23507	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.91	98	55394	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	9723	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.64	63	54704	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21605	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	21747	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

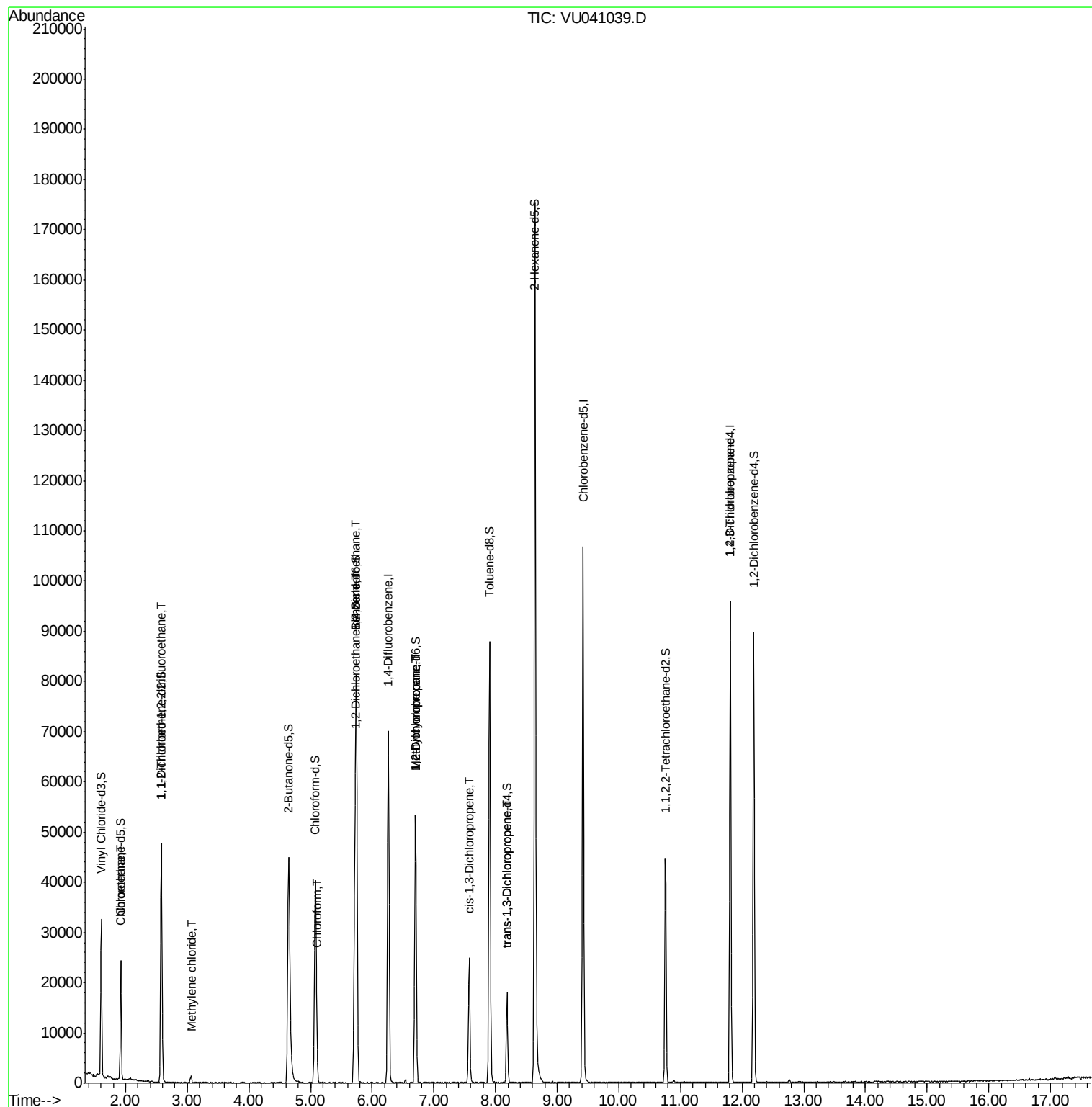
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.93	64	295	0.094	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	202	0.051	ug/L #	22
16) Methylene chloride	3.06	84	673	0.155	ug/L	79
25) Chloroform	5.11	83	657	0.086	ug/L	96
27) 1,2-Dichloroethane	5.74	62	361	0.064	ug/L #	74
33) Benzene	5.74	78	538	0.033	ug/L	100
35) Methylcyclohexane	6.70	83	5211	0.840	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	2729	0.617	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	596	0.098	ug/L	97
44) trans-1,3-Dichloropropene	8.19	75	403	0.071	ug/L	88
59) 1,2,3-Trichloropropane	11.81	75	3374	1.024	ug/L	92

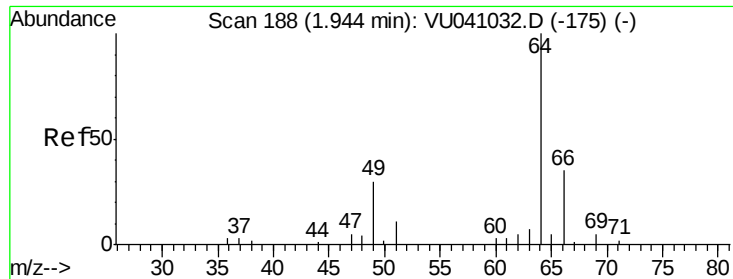
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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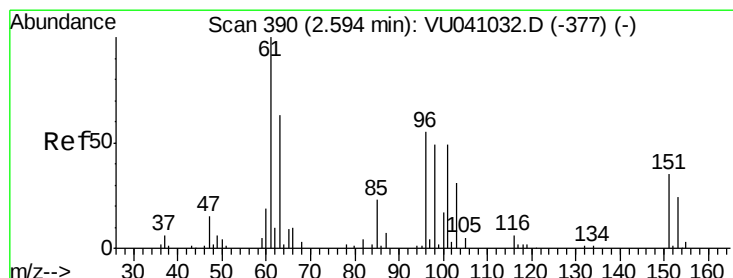
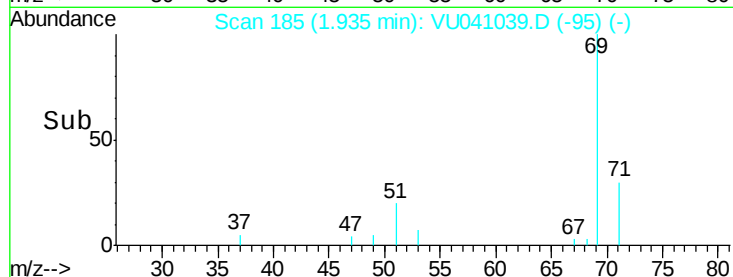
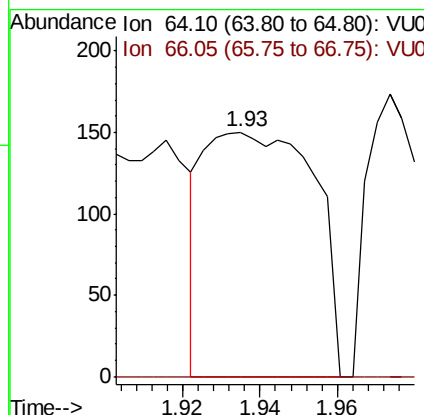
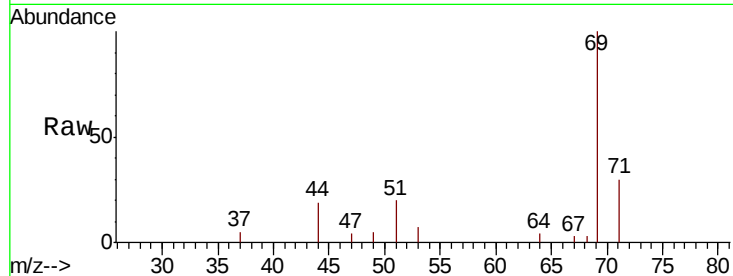




#8
Chloroethane
Concen: 0.094 ug/L
RT: 1.93 min Scan# 185
Delta R.T. -0.01 min
Lab File: VU041039.D
Acq: 30 Oct 2020 14:37

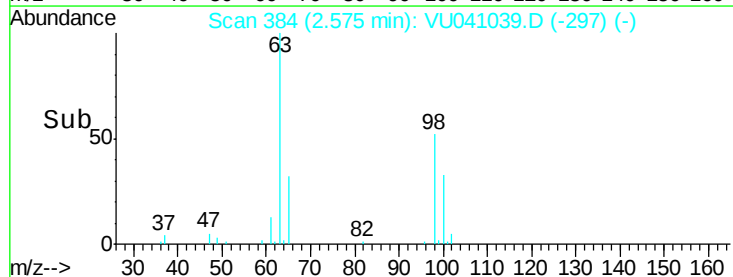
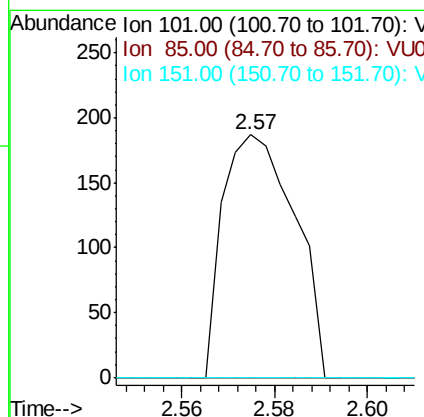
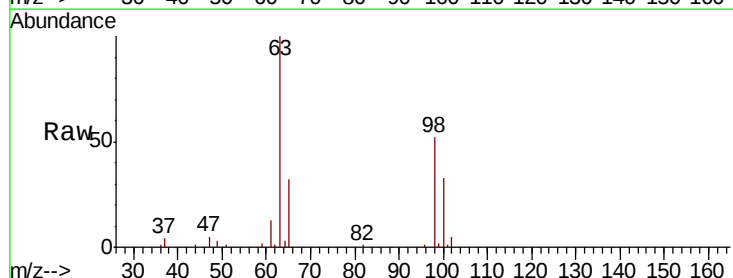
Instrument :
MSVOA_U
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VHBLK01

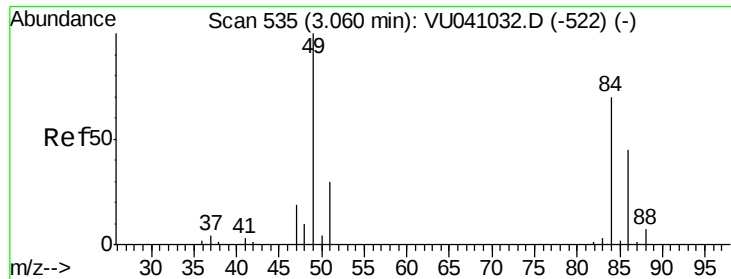
Tot Ion: 64 Resp: 295
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.051 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041039.D
Acq: 30 Oct 2020 14:37

Tgt Ion:101 Resp: 202
Ion Ratio Lower Upper
101 100
85 0.0 35.0 52.4#
151 0.0 55.3 82.9#

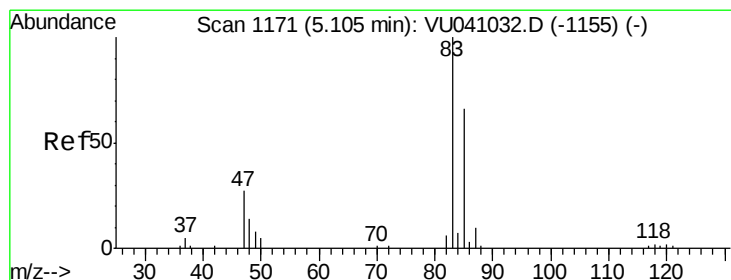
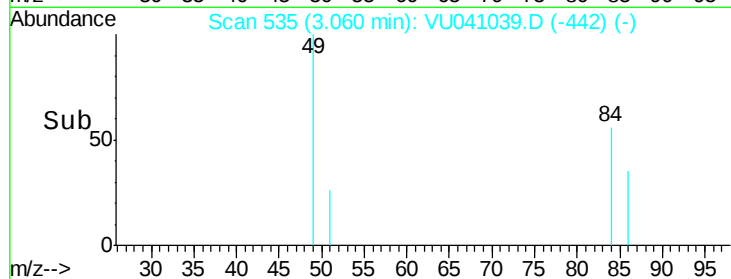
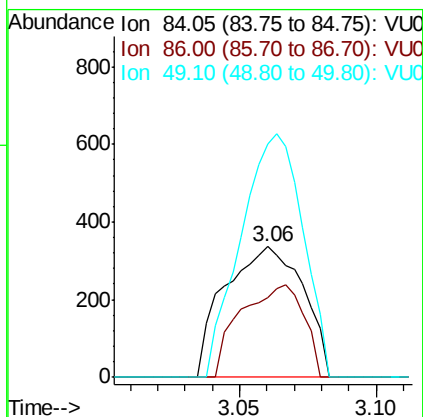
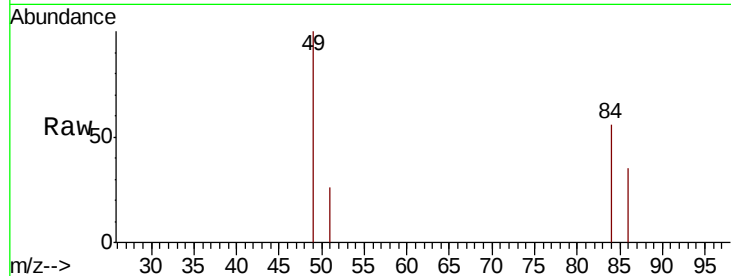




#16
Methvlene chloride
Concen: 0.155 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041039.D
Acq: 30 Oct 2020 14:37

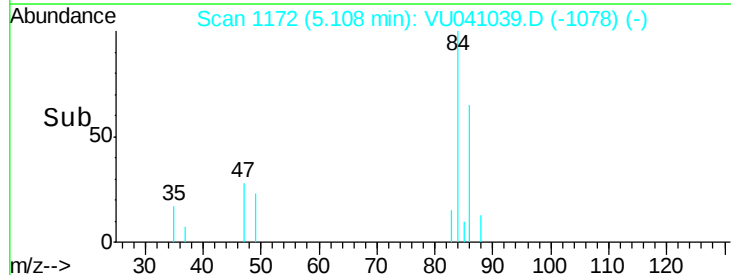
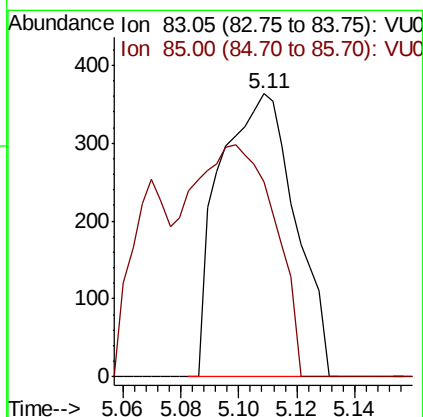
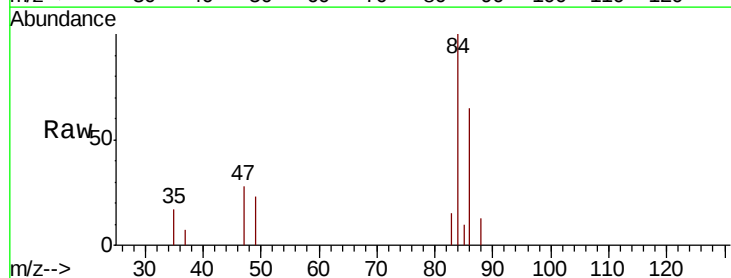
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

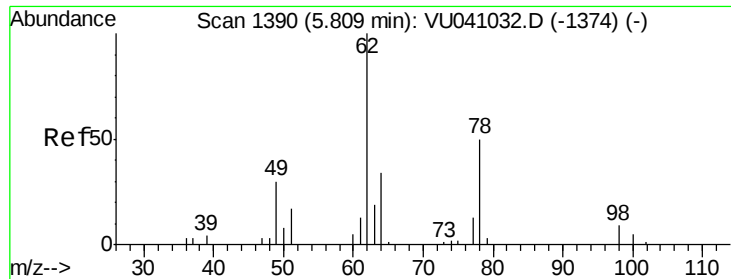
Tot Ion: 84 Resp: 673
Ion Ratio Lower Upper
84 100
86 61.6 42.8 79.6
49 178.6 99.5 184.7



#25
Chloroform
Concen: 0.086 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041039.D
Acq: 30 Oct 2020 14:37

Tgt Ion: 83 Resp: 657
Ion Ratio Lower Upper
83 100
85 69.1 46.1 85.7

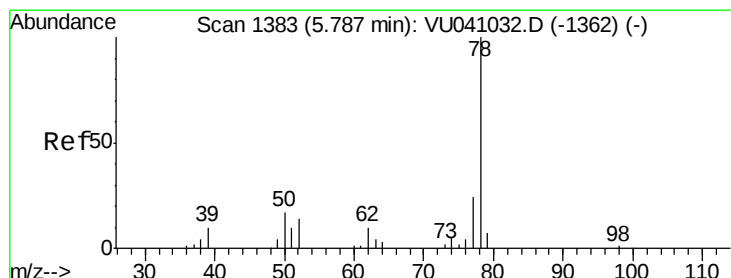
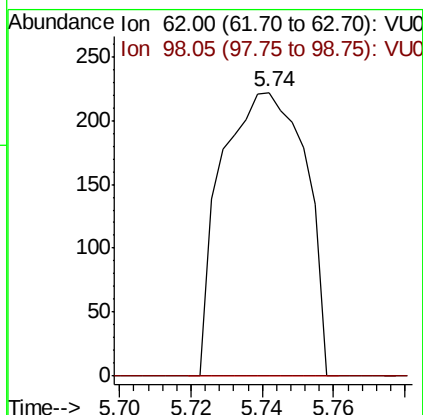
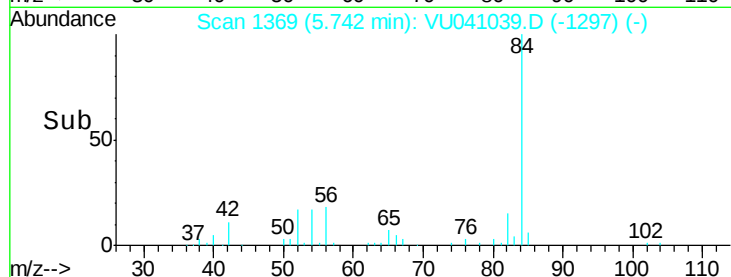
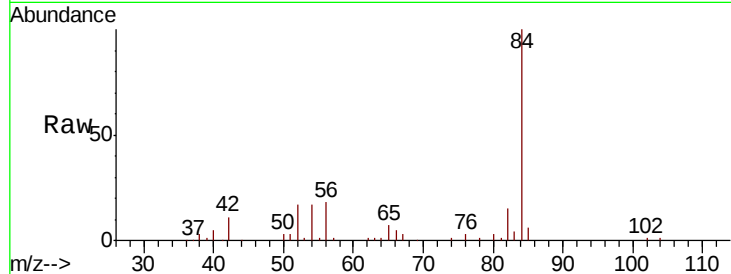




#27
 1,2-Dichloroethane
 Concen: 0.064 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.07 min
 Lab File: VU041039.D
 Acq: 30 Oct 2020 14:37

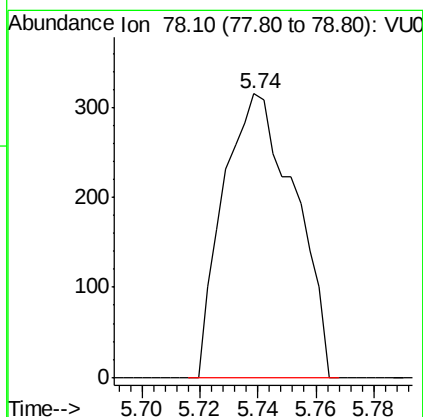
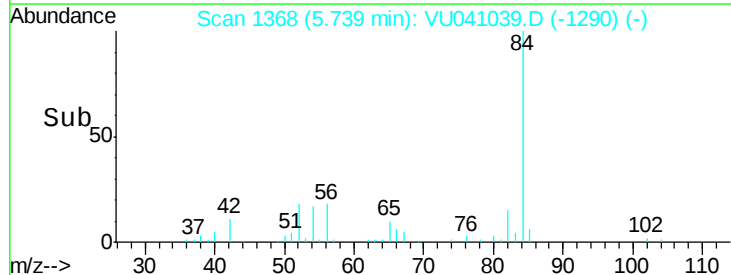
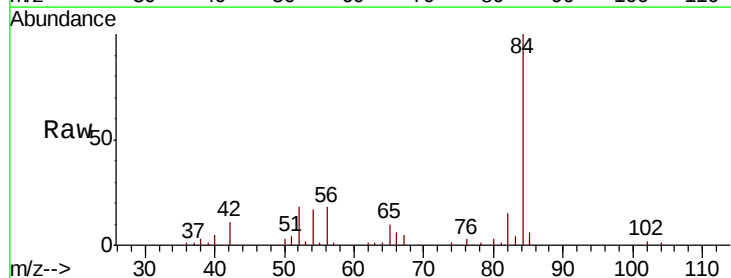
Instrument :
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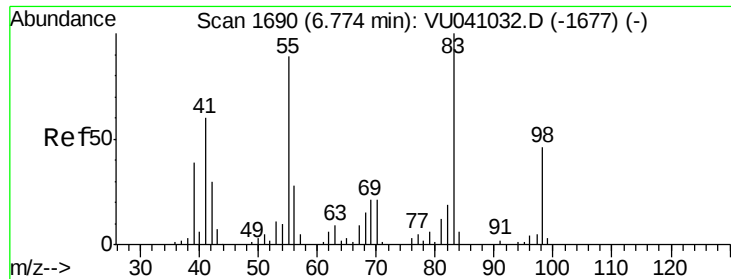
Tot Ion: 62 Resp: 361
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.033 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.05 min
 Lab File: VU041039.D
 Acq: 30 Oct 2020 14:37

Tgt Ion: 78 Resp: 538

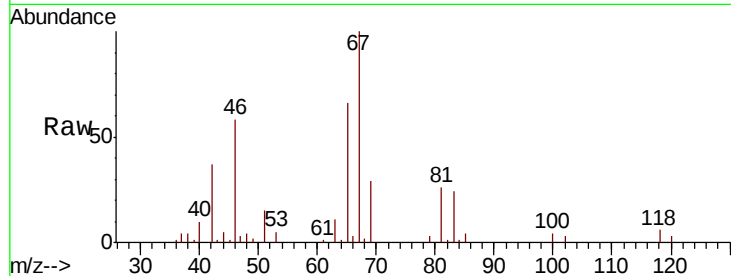




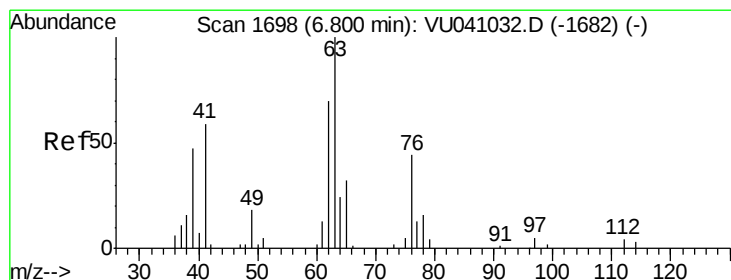
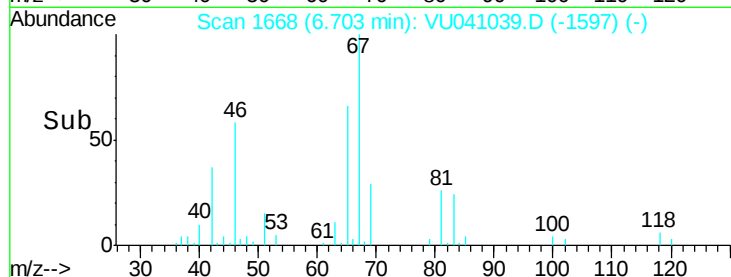
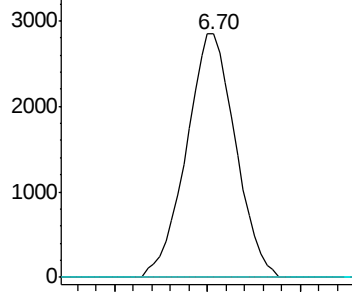
#35
Methvlcvclohexane
Concen: 0.840 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041039.D
Acq: 30 Oct 2020 14:37

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 83 Resp: 5211
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.9 36.6 55.0#

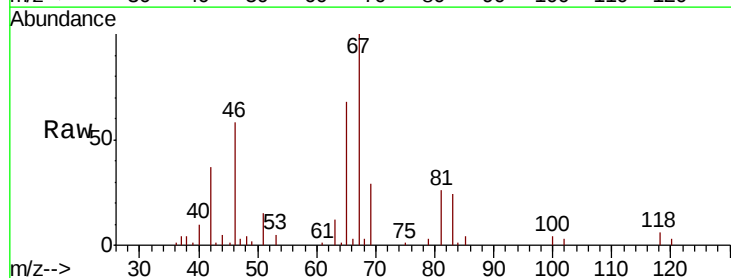


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

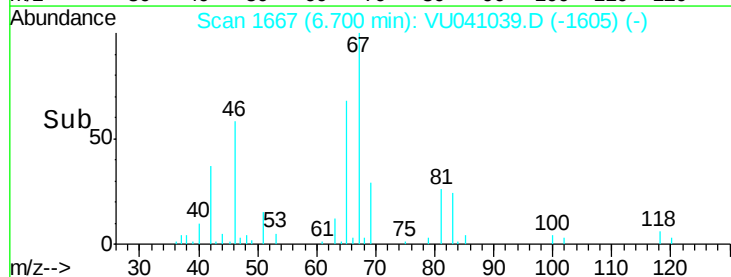
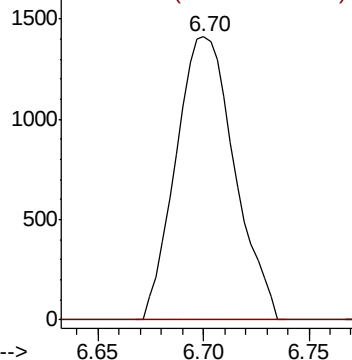


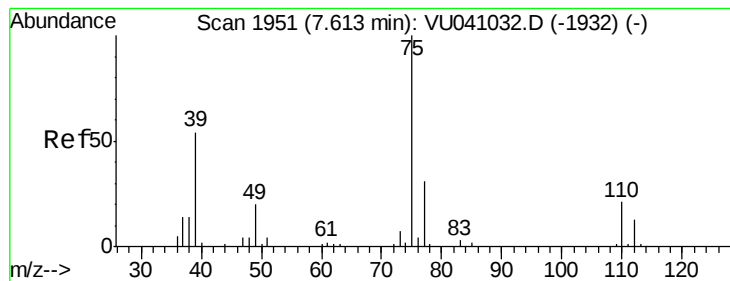
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041039.D
Acq: 30 Oct 2020 14:37

Tgt Ion: 63 Resp: 2729
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



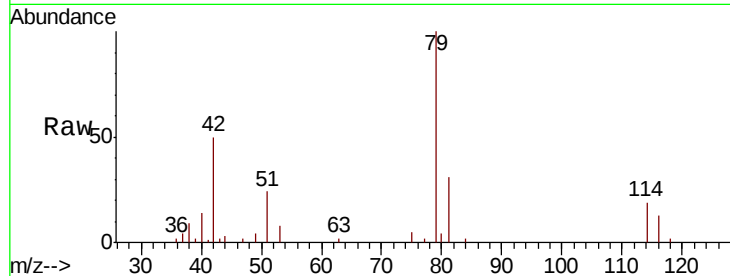


#39

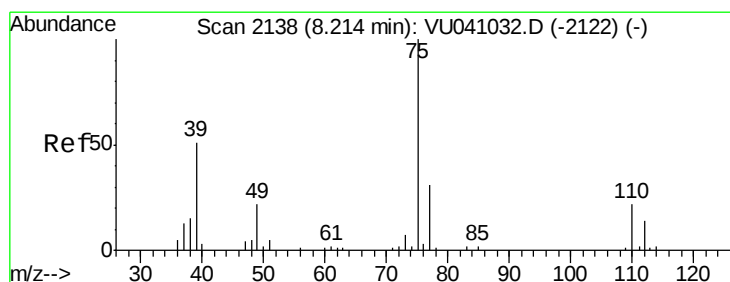
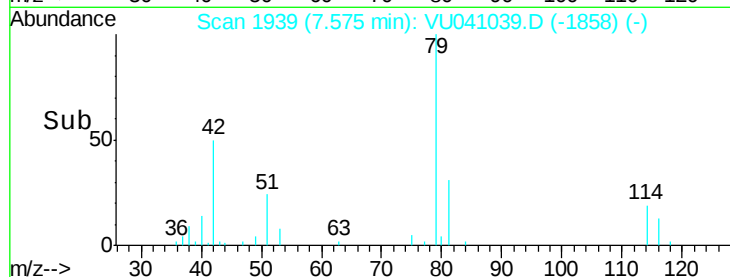
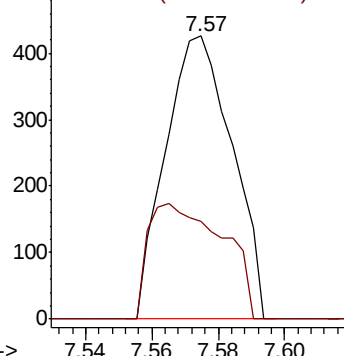
cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041039.D
 Acq: 30 Oct 2020 14:37

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Tot Ion: 75 Resp: 596
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.7 42.3



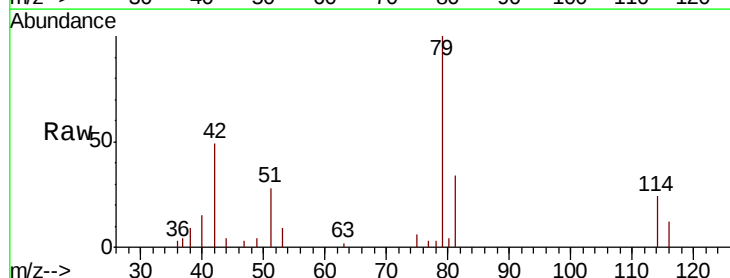
Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 77.05 (76.75 to 77.75): VU0



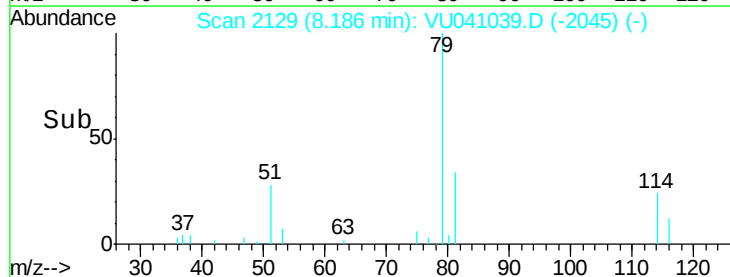
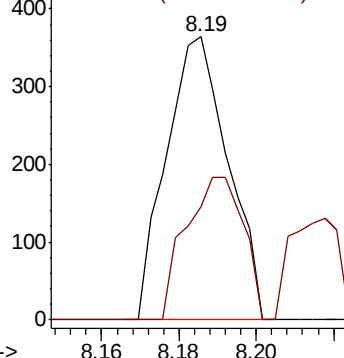
#44

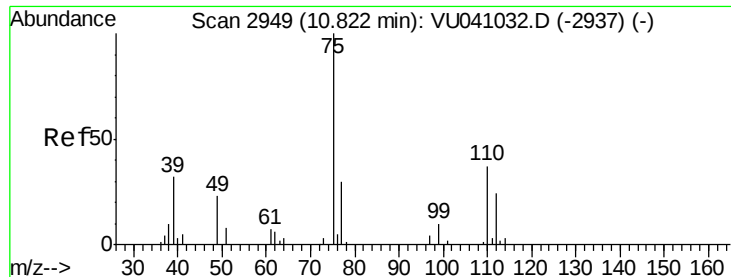
trans-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041039.D
 Acq: 30 Oct 2020 14:37

Tgt Ion: 75 Resp: 403
 Ion Ratio Lower Upper
 75 100
 77 40.1 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: 1.024 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041039.D

Acq: 30 Oct 2020 14:37

Instrument :

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ClientSampleId :

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Tot Ion: 75 Resp: 3374

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5

