

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041546.D
 Acq On : 10 Dec 2020 19:22
 Operator : SY/MD
 Sample : L5023-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW2

Quant Time: Dec 11 06:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 06:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	41731	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	35971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	18554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	6914	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.92	69	8114	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	15091	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.66	46	35935	44.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.42%
24) Chloroform-d	5.08	84	29651	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	19835	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	41483	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.70	67	11450	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.91	98	38818	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.19	79	7351	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.64	63	27427	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10804	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	17833	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

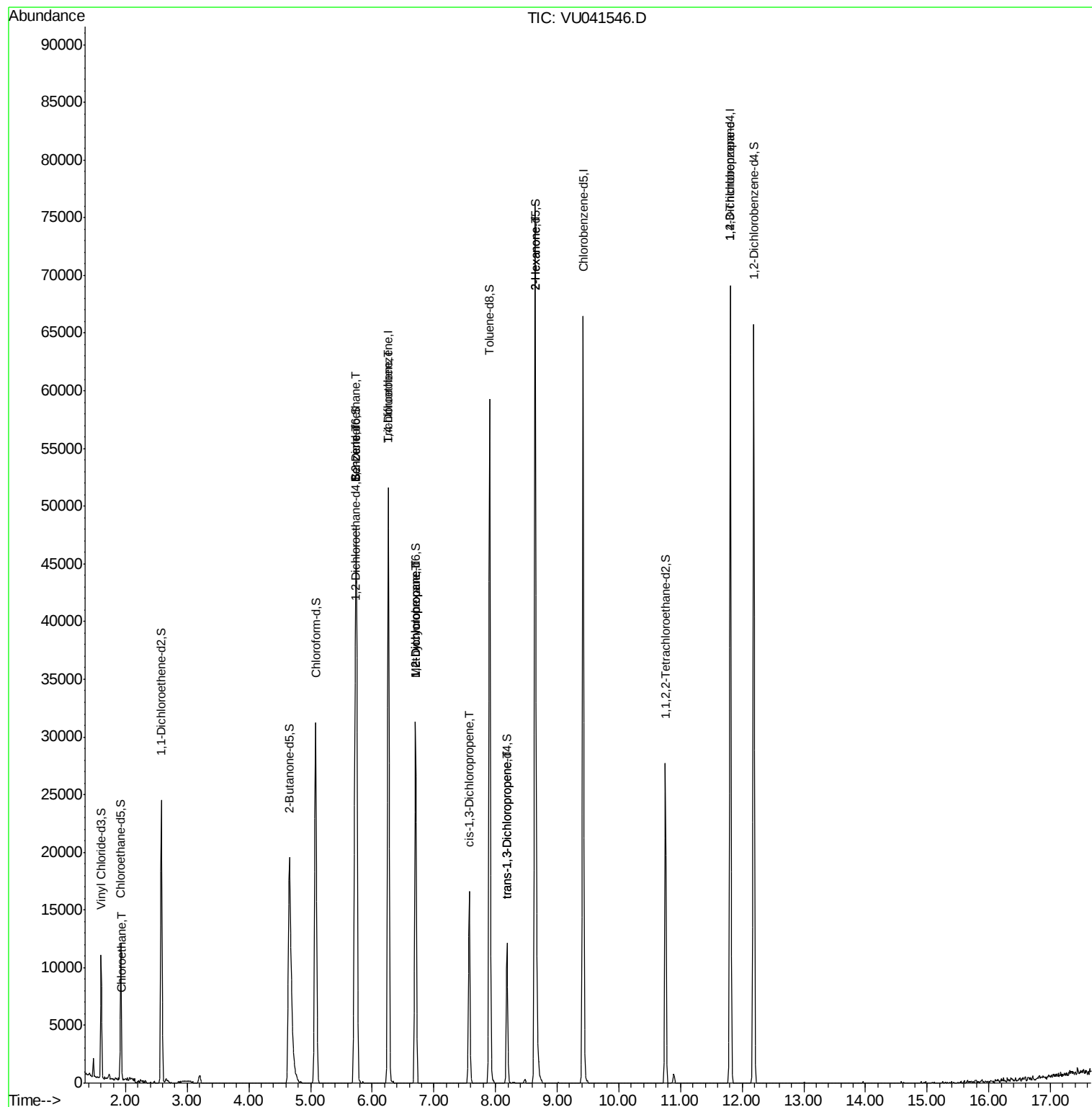
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	102	0.055	ug/L #	45
27) 1,2-Dichloroethane	5.74	62	275	0.061	ug/L #	79
33) Benzene	5.75	78	315	0.035	ug/L	100
34) Trichloroethene	6.26	95	807	0.300	ug/L #	6
35) Methylcyclohexane	6.70	83	3685	1.005	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	1863	0.893	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	428	0.114	ug/L #	58
44) trans-1,3-Dichloropropene	8.19	75	325	0.086	ug/L #	42
48) 2-Hexanone	8.64	43	4329	3.223	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	1695	0.837	ug/L #	69

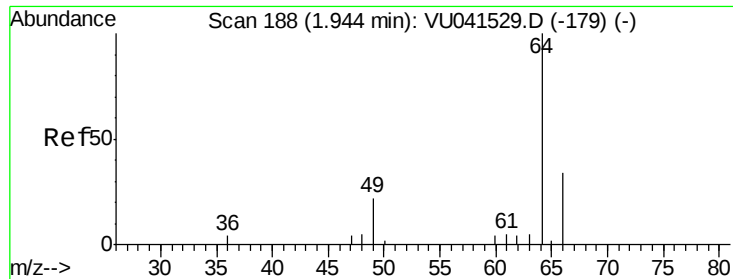
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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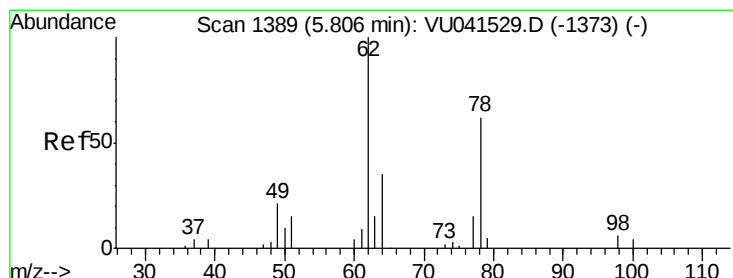
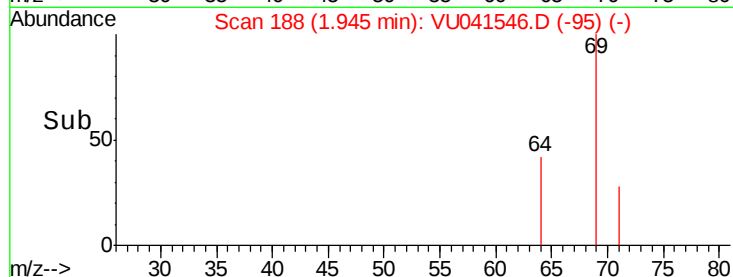
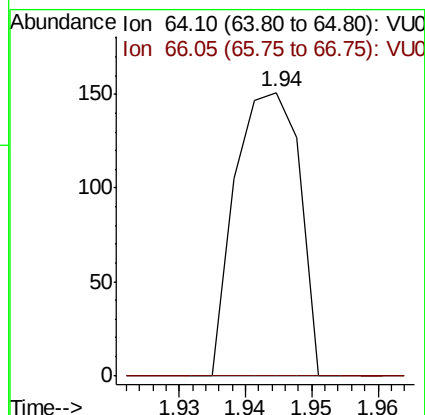
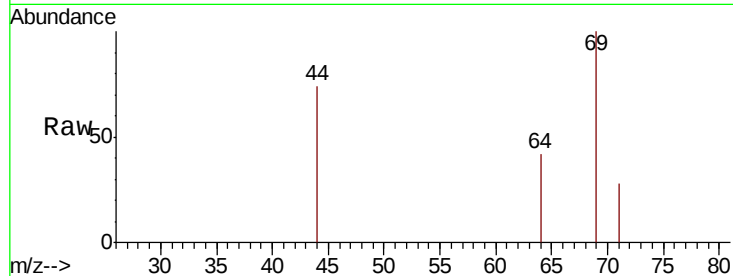




#8
Chloroethane
Concen: 0.055 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU041546.D
Acq: 10 Dec 2020 19:22

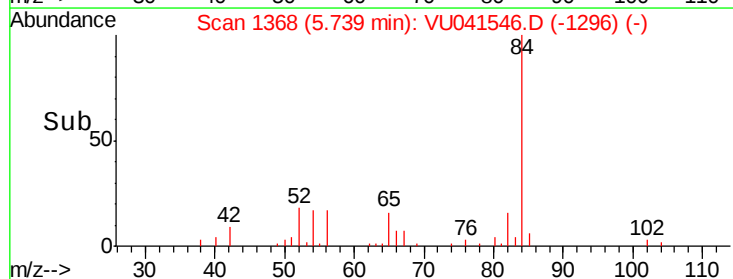
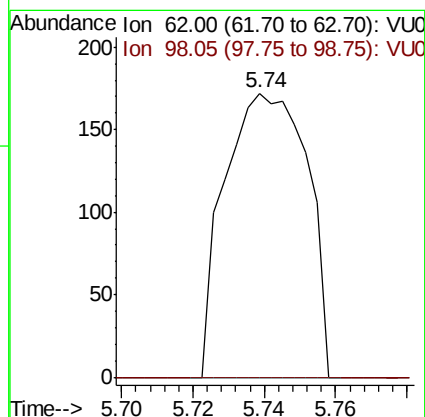
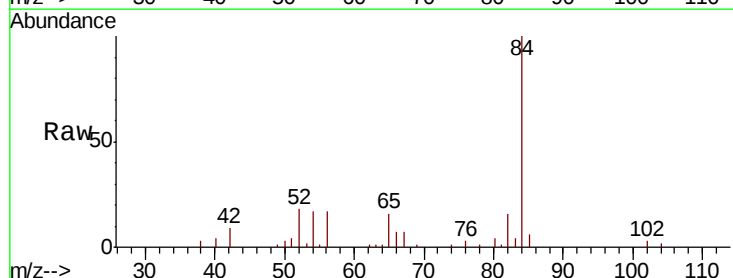
Instrument :
MSVOA_U
ClientSampled :
C0AW2

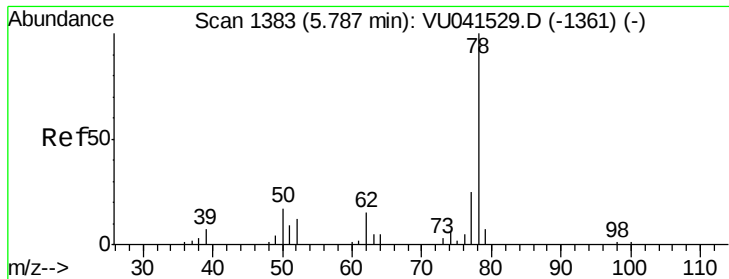
Tot Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 0.0 20.9 38.9#



#27
1,2-Dichloroethane
Concen: 0.061 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041546.D
Acq: 10 Dec 2020 19:22

Tgt Ion: 62 Resp: 275
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





#33

Benzene

Concen: 0.035 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041546.D

Acq: 10 Dec 2020 19:22

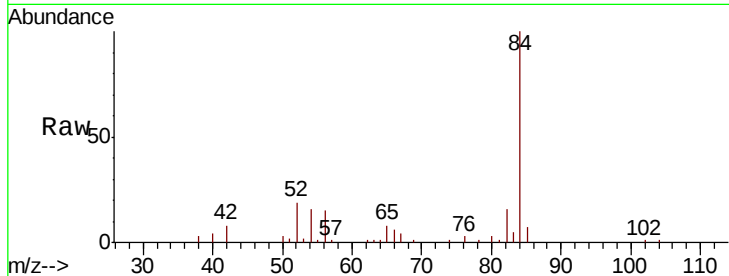
Instrument :

MSVOA_U

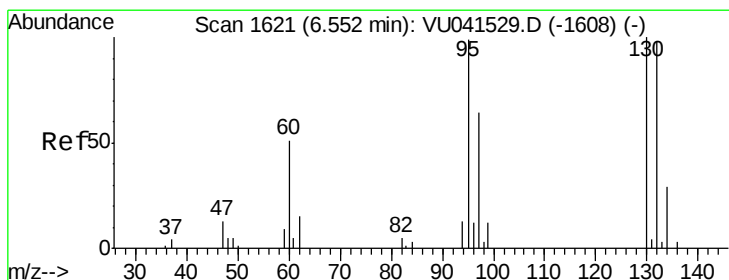
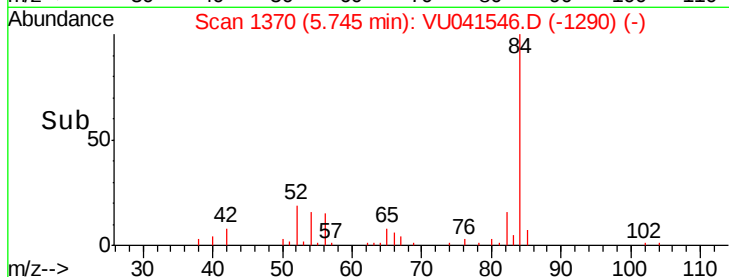
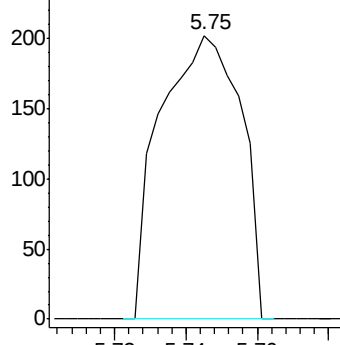
ClientSampled :

C0AW2

Tgt Ion: 78 Resp: 315



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 0.300 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU041546.D

Acq: 10 Dec 2020 19:22

Tgt Ion: 95 Resp: 807

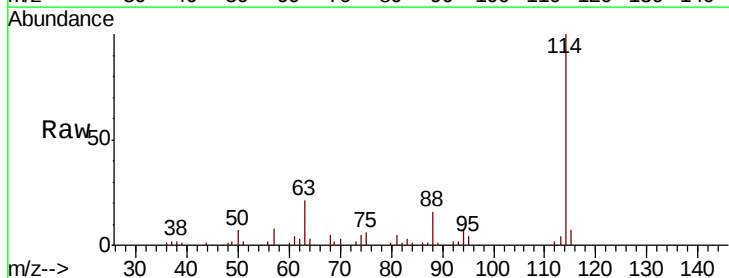
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 65.7 121.9#

130 0.0 68.8 127.8#

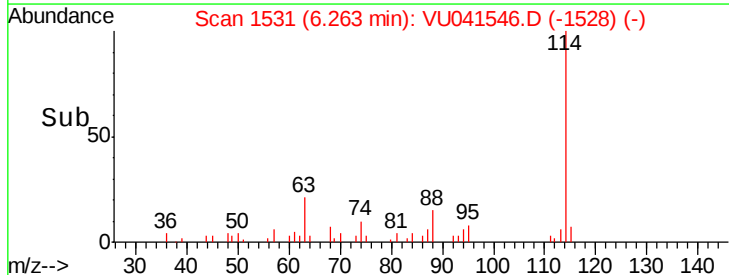
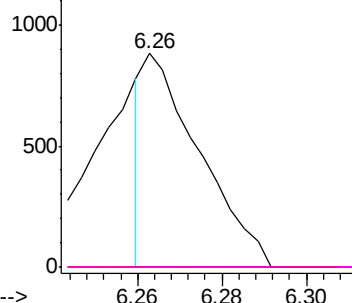


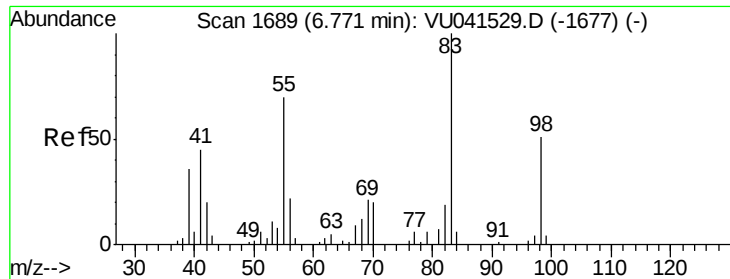
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

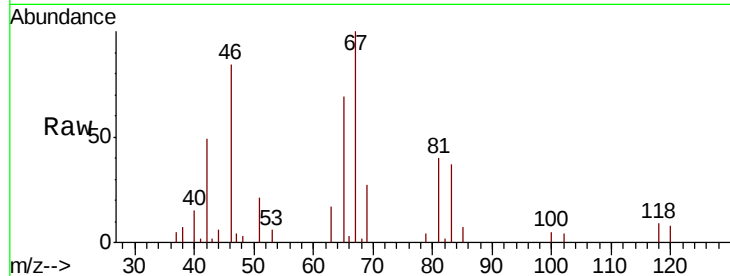




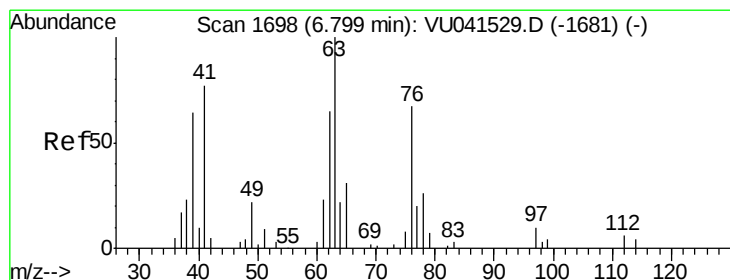
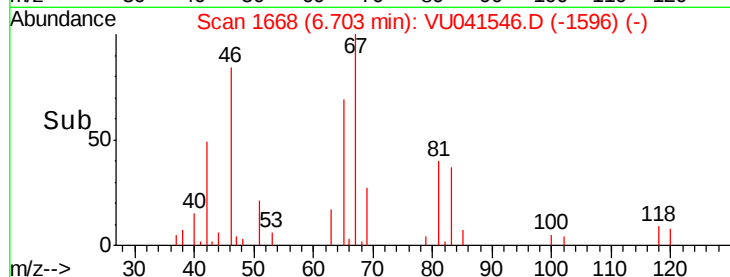
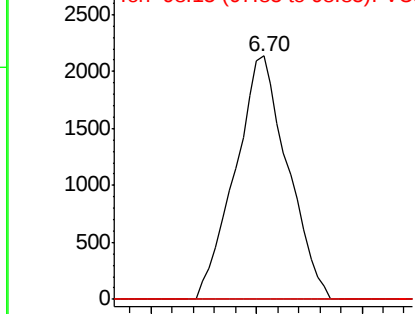
#35
Methvlcvclohexane
Concen: 1.005 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041546.D
Acq: 10 Dec 2020 19:22

Instrument :
MSVOA_U
ClientSampleId :
C0AW2

Tot Ion: 83 Resp: 3685
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#

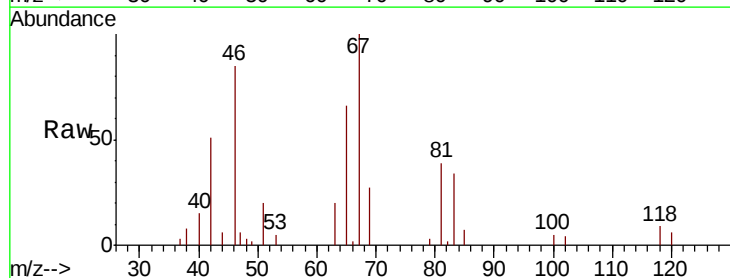


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

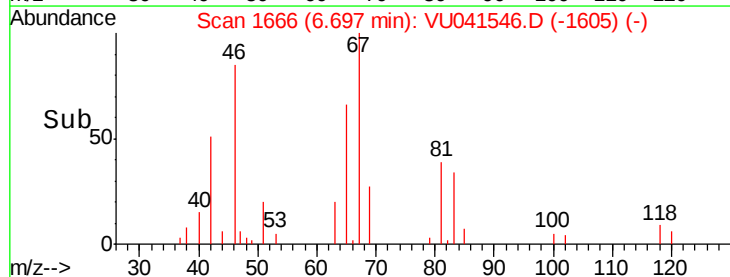
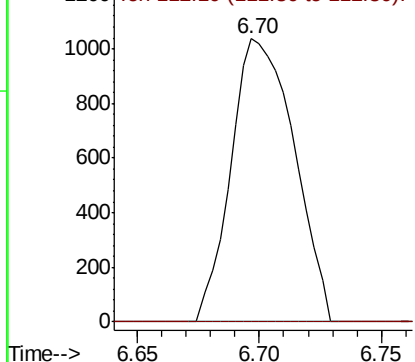


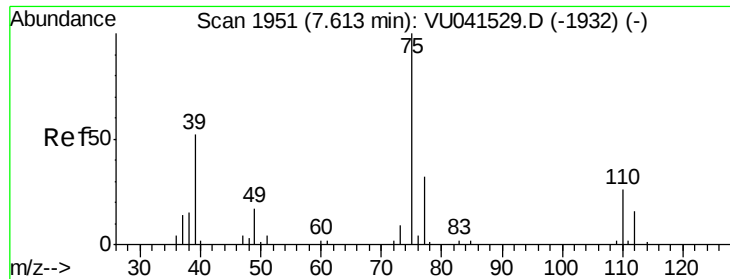
#37
1,2-Dichloropropane
Concen: 0.893 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU041546.D
Acq: 10 Dec 2020 19:22

Tgt Ion: 63 Resp: 1863
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



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

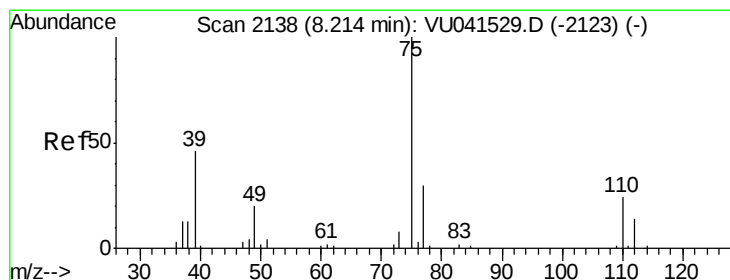
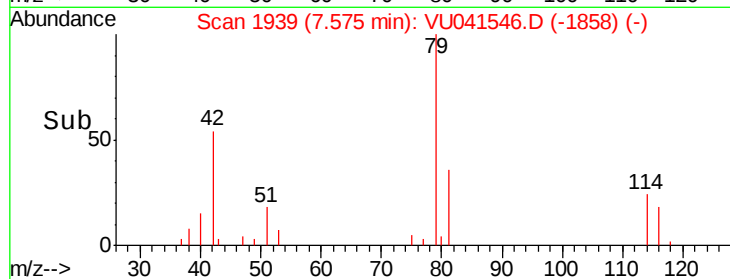
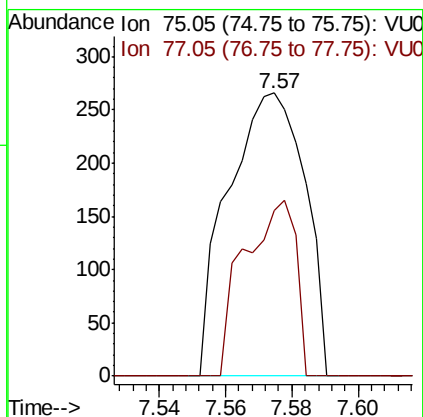
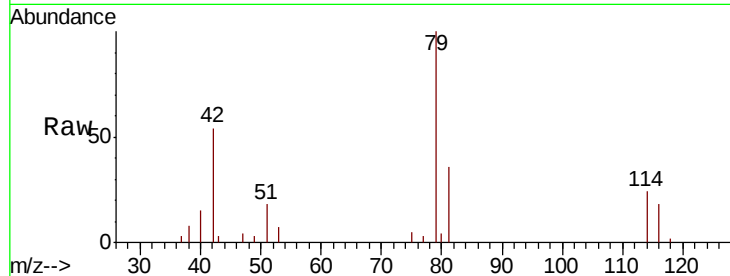




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041546.D
 Acq: 10 Dec 2020 19:22

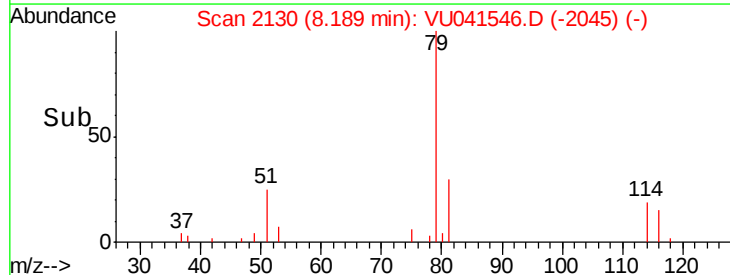
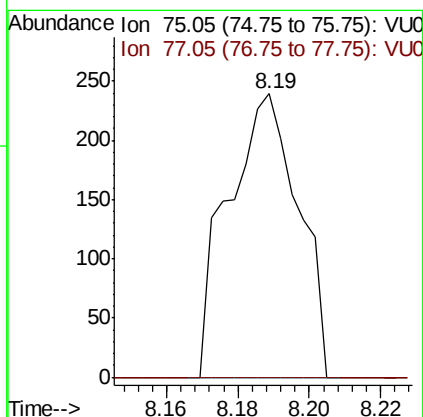
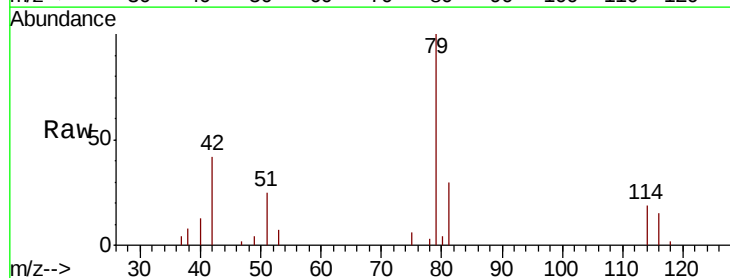
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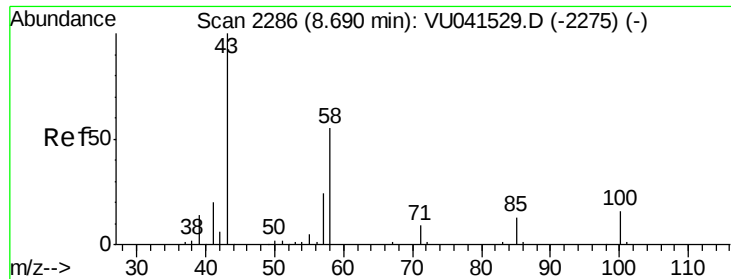
Tot Ion: 75 Resp: 428
 Ion Ratio Lower Upper
 75 100
 77 58.3 24.0 44.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU041546.D
 Acq: 10 Dec 2020 19:22

Tgt Ion: 75 Resp: 325
 Ion Ratio Lower Upper
 75 100
 77 0.0 22.7 42.3#

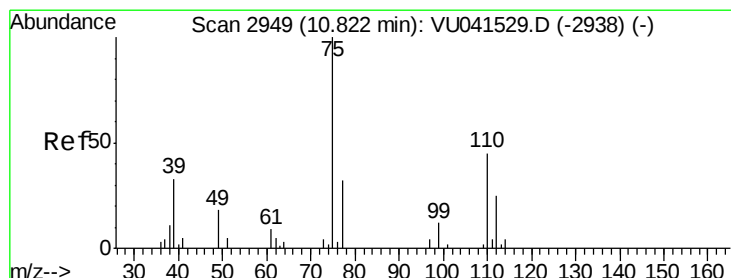
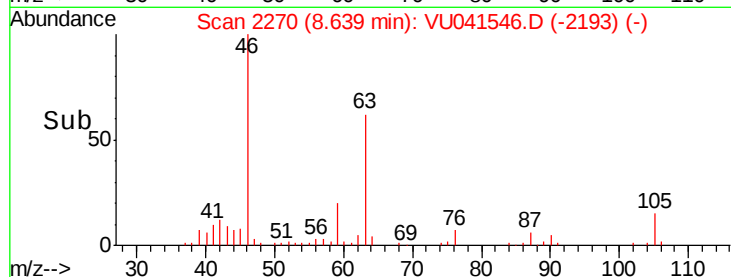
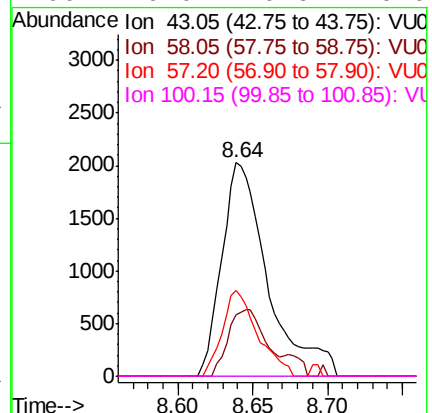
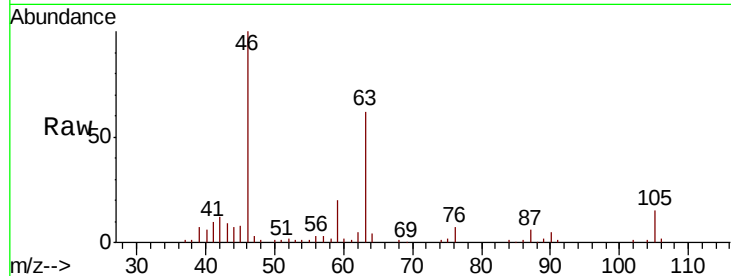




#48
2-Hexanone
Concen: 3.223 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041546.D
Acq: 10 Dec 2020 19:22

Instrument :
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ClientSampleId :
C0AW2

Tot Ion: 43 Resp: 4329
Ion Ratio Lower Upper
43 100
58 25.6 41.4 62.0#
57 31.1 17.1 25.7#
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.837 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU041546.D
Acq: 10 Dec 2020 19:22

Tgt Ion: 75 Resp: 1695
Ion Ratio Lower Upper
75 100
77 50.6 26.3 39.5#

