

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040942.D
 Acq On : 26 Oct 2020 14:28
 Operator : SY/MD
 Sample : L4492-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN1

Quant Time: Oct 27 03:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	13484	2.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.20%
7) Chloroethane-d5	1.92	69	14383	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.58	63	24323	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.66	46	86033	53.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.82%
24) Chloroform-d	5.08	84	37544	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	23468	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.74	84	63954	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.70	67	23326	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	48998	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	8.19	79	8874	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
46) 2-Hexanone-d5	8.64	63	59535	48.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22714	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	21774	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

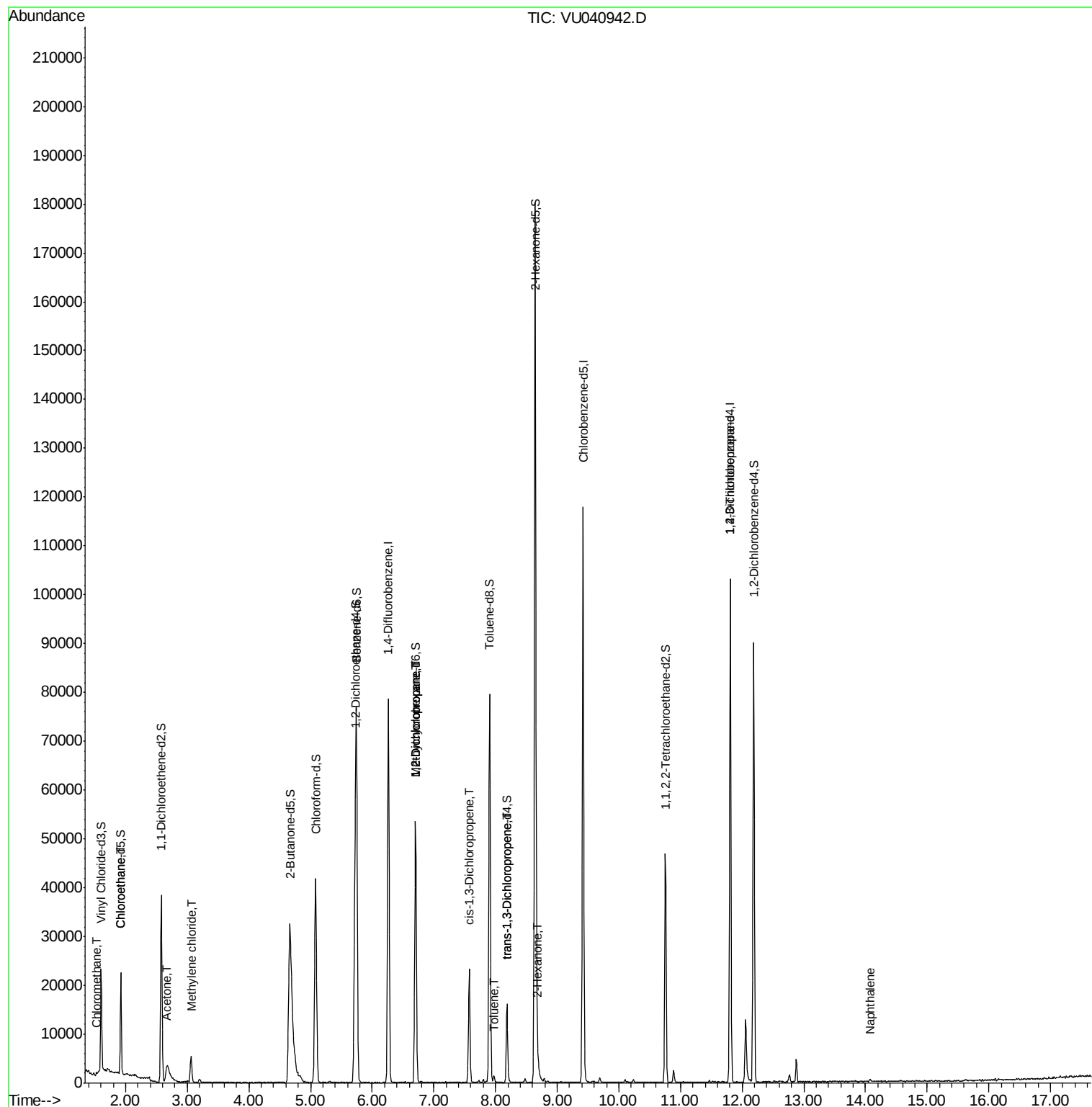
					Ovalue
3) Chloromethane	1.53	50	270	0.049	ug/L # 43
8) Chloroethane	1.93	64	105	0.030	ug/L # 43
13) Acetone	2.67	43	10181	9.245	ug/L # 66
16) Methylene chloride	3.06	84	2465	0.514	ug/L 87
35) Methylcyclohexane	6.70	83	5473	0.801	ug/L # 13
37) 1,2-Dichloropropane	6.70	63	2534	0.520	ug/L # 86
39) cis-1,3-Dichloropropene	7.57	75	587	0.088	ug/L 91
42) Toluene	7.97	91	1037	0.057	ug/L 89
44) trans-1,3-Dichloropropene	8.18	75	443	0.071	ug/L # 81
48) 2-Hexanone	8.69	43	1353	0.463	ug/L # 66
59) 1,2,3-Trichloropropane	11.81	75	3369	0.928	ug/L # 88
69) Naphthalene	14.08	128	626	0.084	ug/L # 69

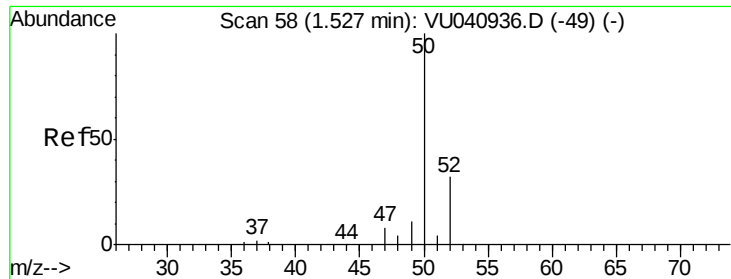
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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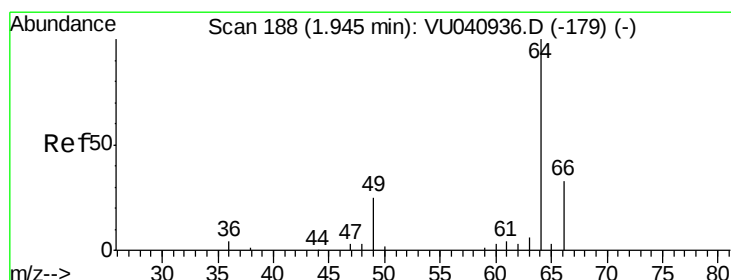
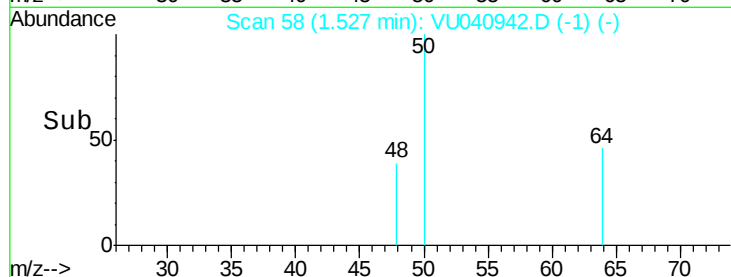
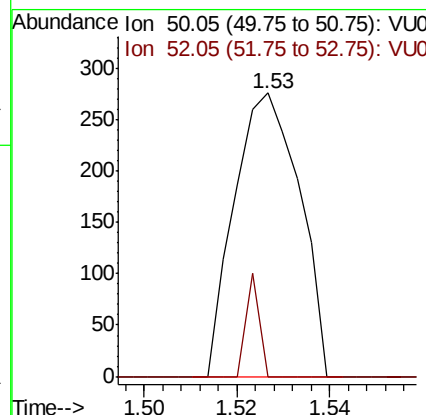
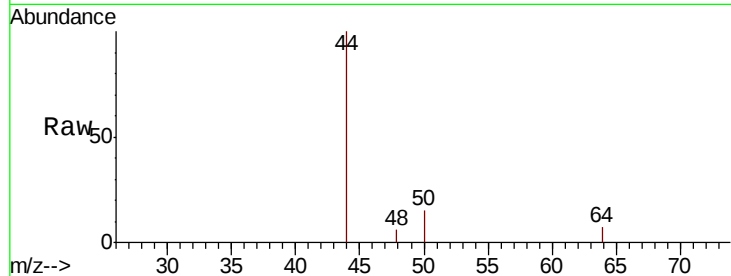




#3
 Chloromethane
 Concen: 0.049 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

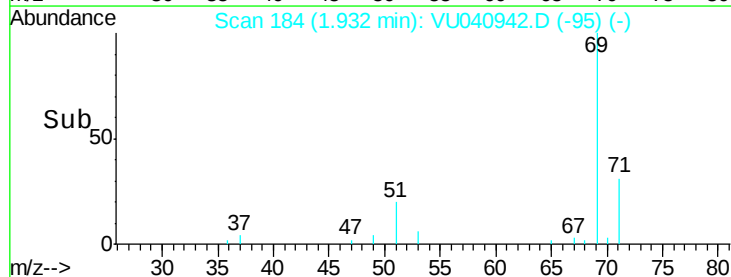
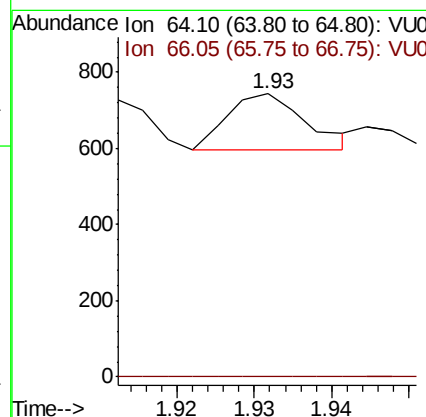
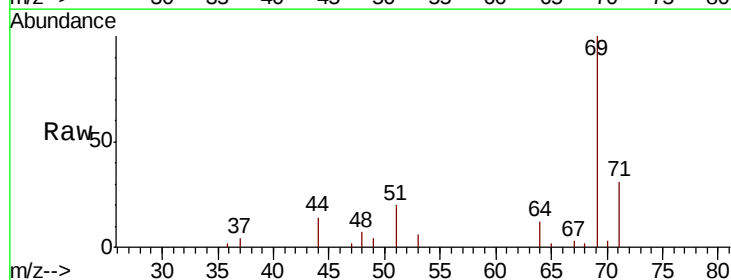
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN1

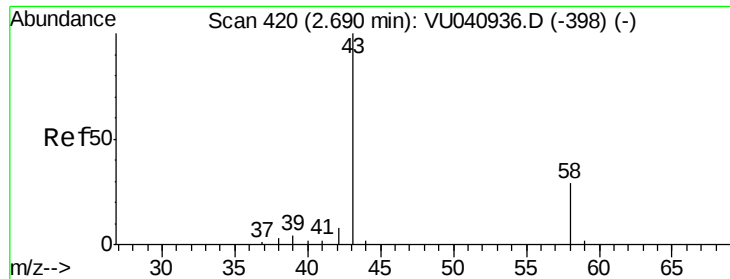
Tot Ion: 50 Resp: 270
 Ion Ratio Lower Upper
 50 100
 52 0.0 22.4 41.6#



#8
 Chloroethane
 Concen: 0.030 ug/L
 RT: 1.93 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

Tgt Ion: 64 Resp: 105
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#





#13

Acetone

Concen: 9.245 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU040942.D

Acq: 26 Oct 2020 14:28

Instrument :

MSVOA_U

ClientSampleId :

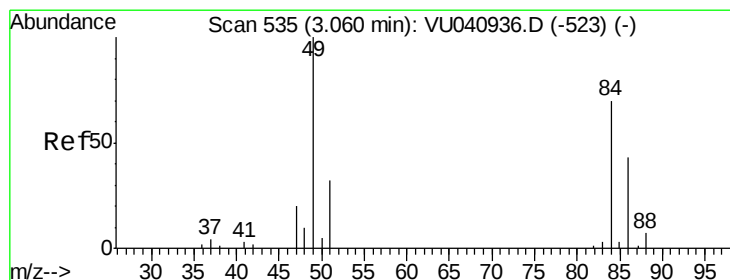
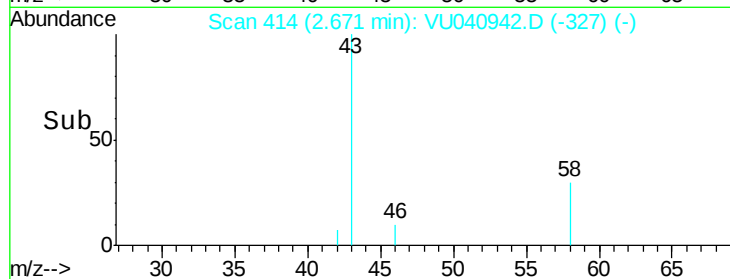
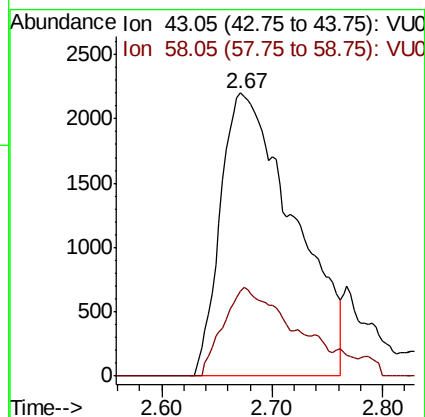
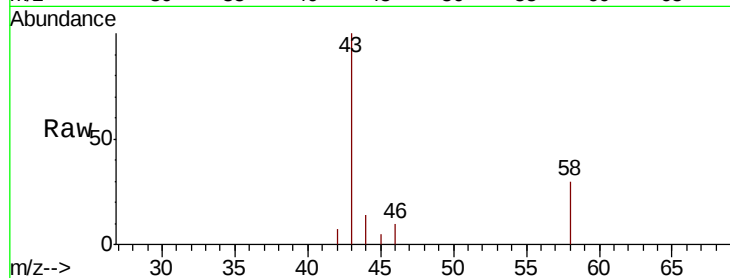
C0AN1

Tot Ion: 43 Resp: 10181

Ion Ratio Lower Upper

43 100

58 26.0 0.0 25.4#



#16

Methylene chloride

Concen: 0.514 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040942.D

Acq: 26 Oct 2020 14:28

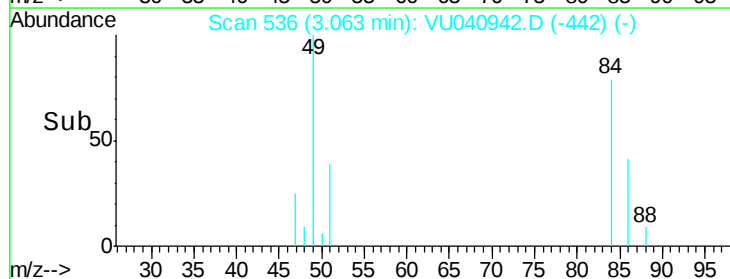
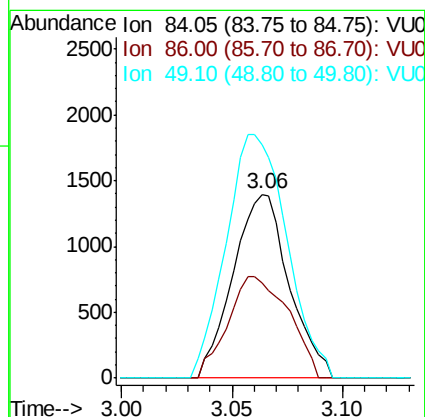
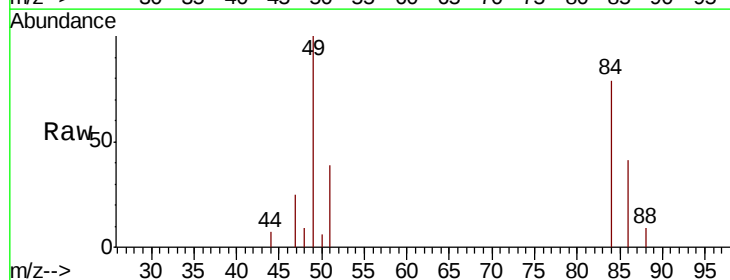
Tgt Ion: 84 Resp: 2465

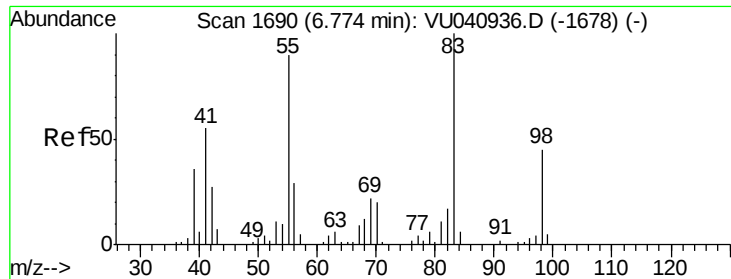
Ion Ratio Lower Upper

84 100

86 51.4 42.8 79.6

49 126.5 99.5 184.7

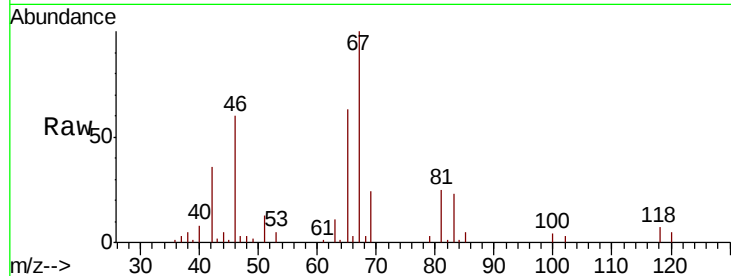




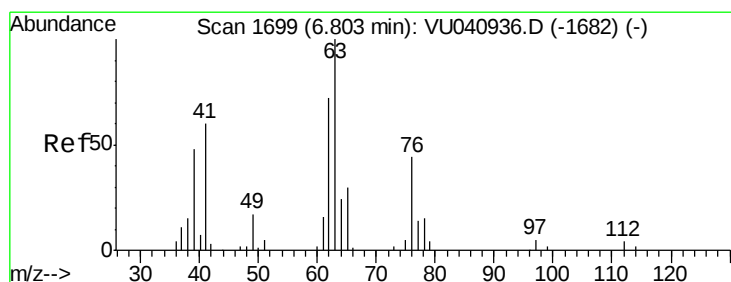
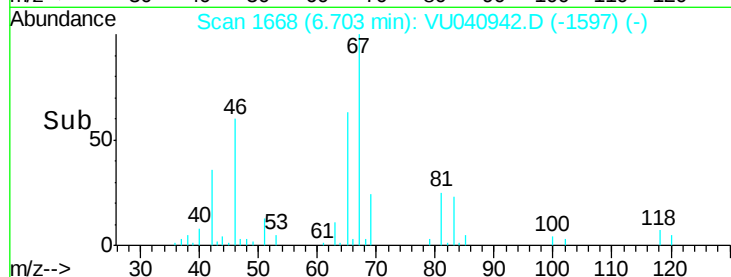
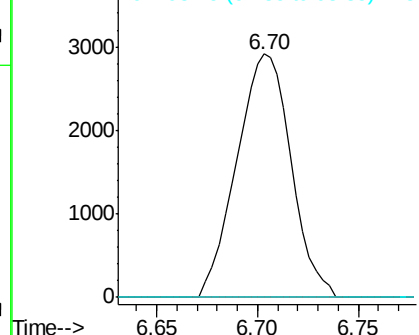
#35
Methvlcvclohexane
Concen: 0.801 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040942.D
Acq: 26 Oct 2020 14:28

Instrument :
MSVOA_U
ClientSampleId :
C0AN1

Tot Ion: 83 Resp: 5473
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

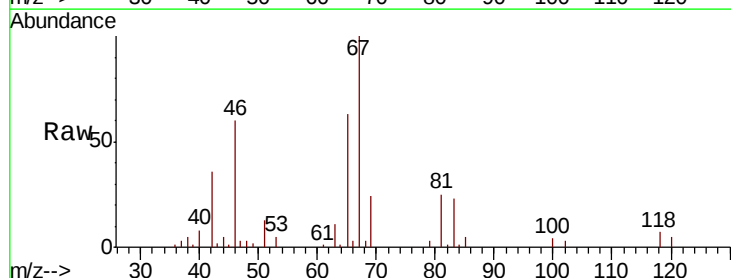


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

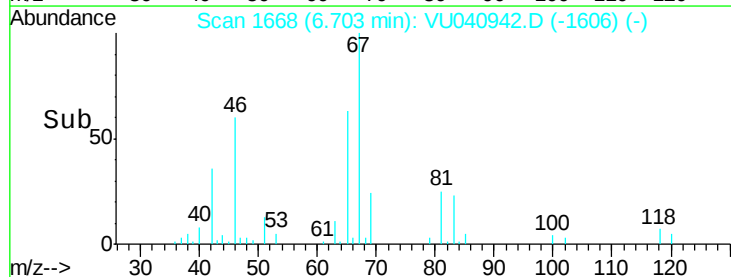
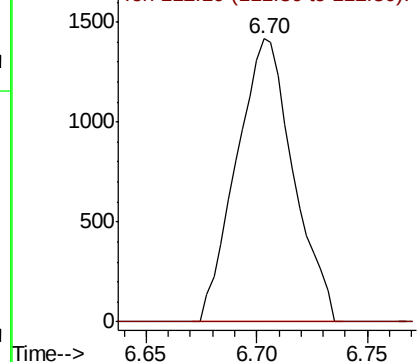


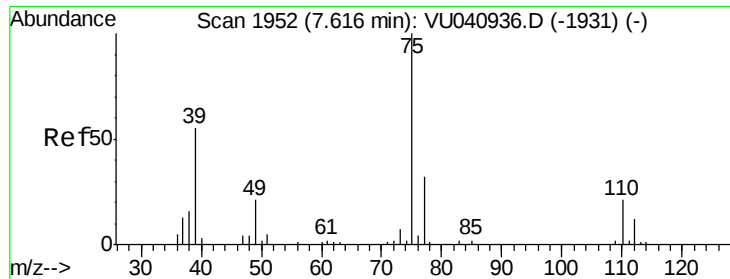
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040942.D
Acq: 26 Oct 2020 14:28

Tgt Ion: 63 Resp: 2534
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

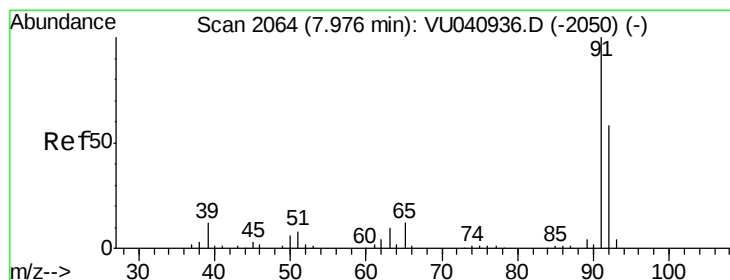
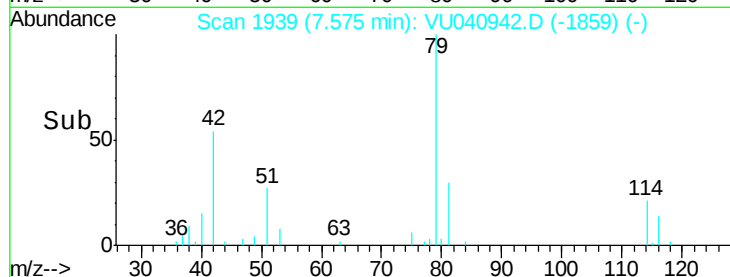
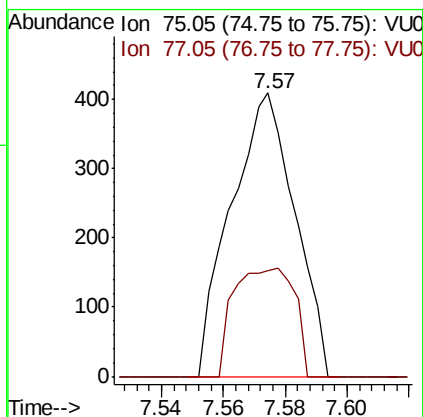
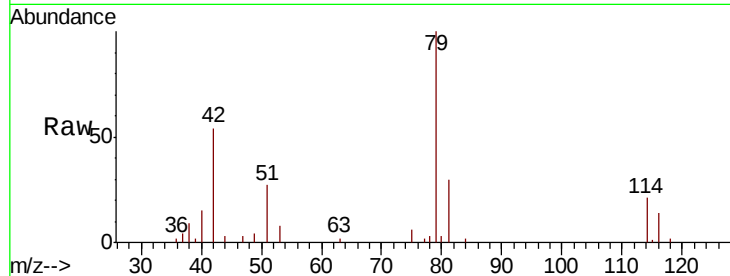




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

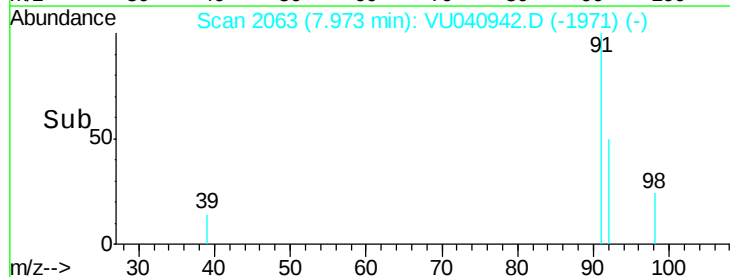
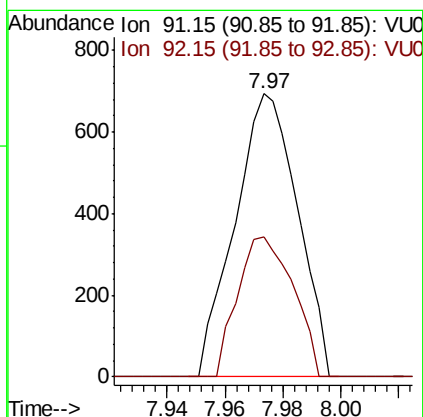
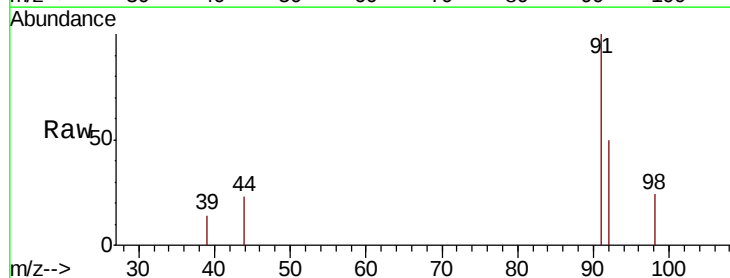
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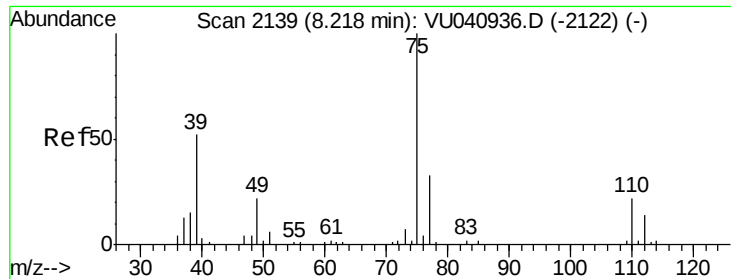
Tot Ion: 75 Resp: 587
 Ion Ratio Lower Upper
 75 100
 77 37.4 22.7 42.3



#42
 Toluene
 Concen: 0.057 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

Tgt Ion: 91 Resp: 1037
 Ion Ratio Lower Upper
 91 100
 92 49.6 40.6 75.4

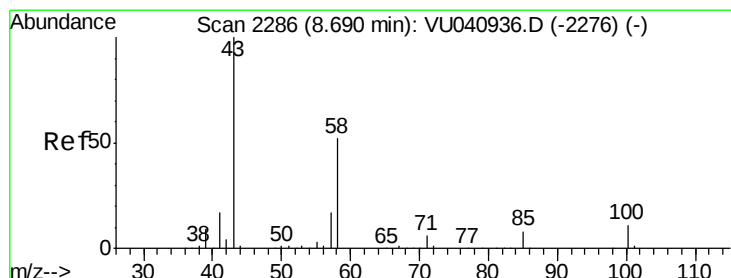
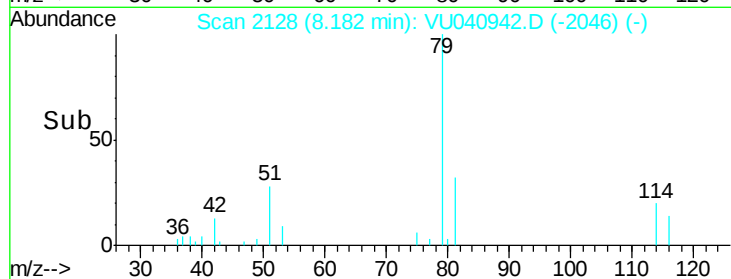
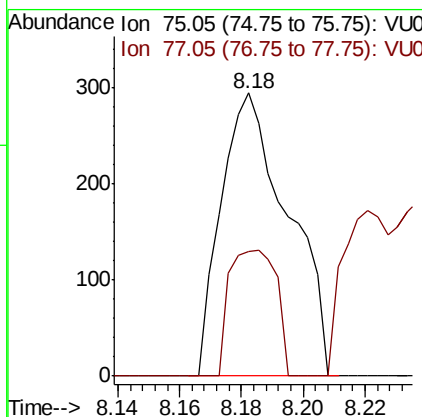
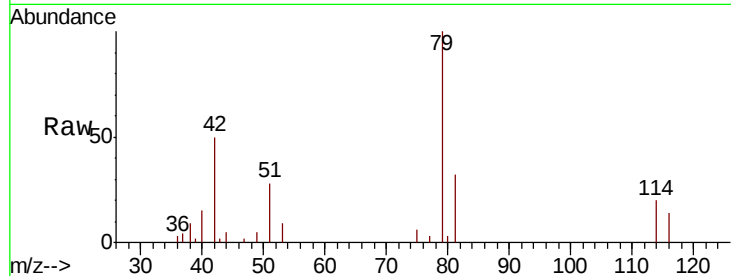




#44
 trans-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.04 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

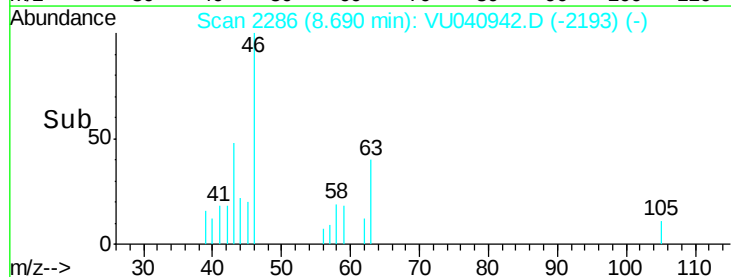
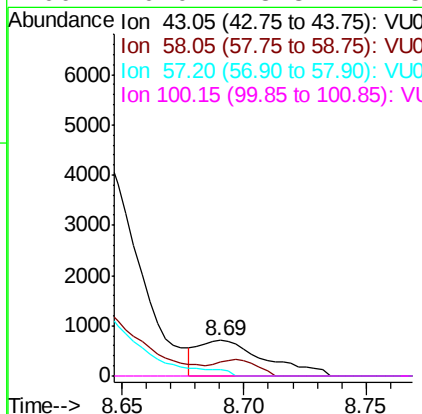
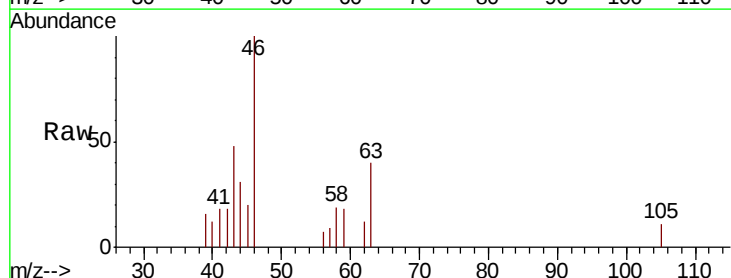
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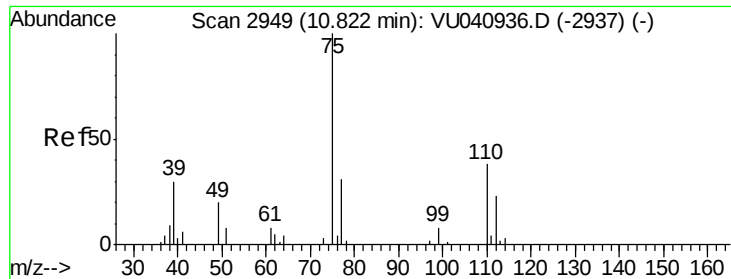
Tot Ion: 75 Resp: 443
 Ion Ratio Lower Upper
 75 100
 77 43.9 23.3 43.3#



#48
 2-Hexanone
 Concen: 0.463 ug/L
 RT: 8.69 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

Tgt Ion: 43 Resp: 1353
 Ion Ratio Lower Upper
 43 100
 58 28.5 41.4 62.2#
 57 0.0 14.6 21.8#
 100 0.0 8.3 12.5#

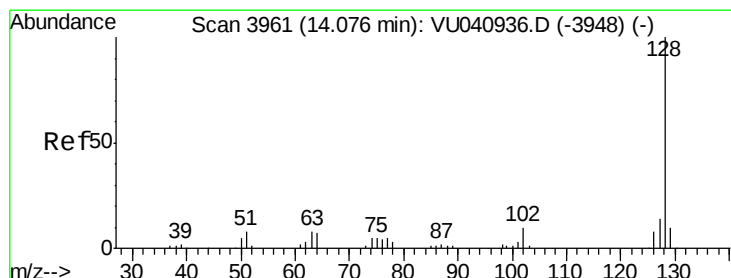
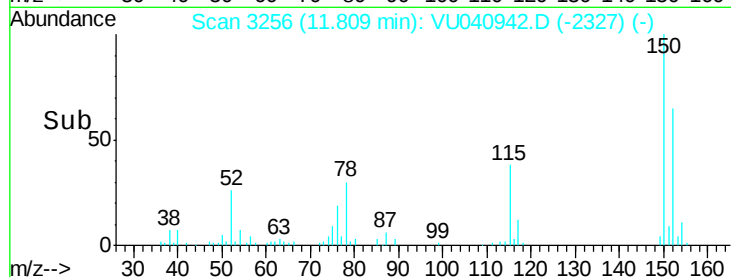
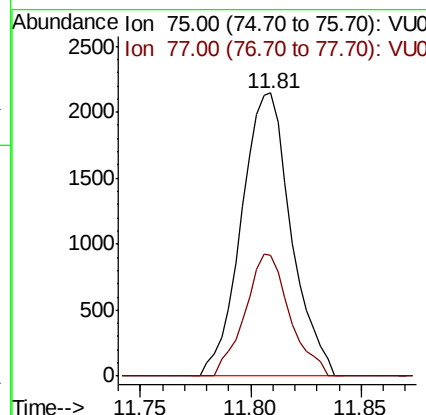
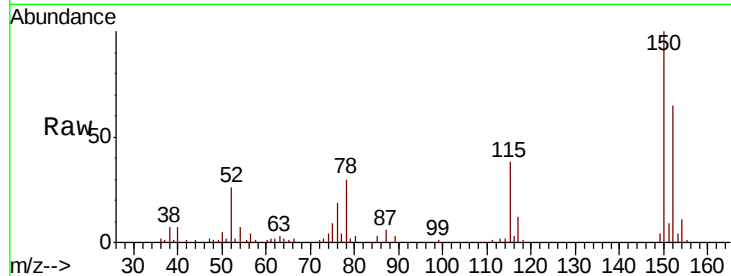




#59
 1,2,3-Trichloropropane
 Concen: 0.928 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

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Tot Ion: 75 Resp: 3369
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.7 38.5#



#69
 Naphthalene
 Concen: 0.084 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU040942.D
 Acq: 26 Oct 2020 14:28

Tgt Ion: 128 Resp: 626
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 0.0 10.8 16.2#

