

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113020\
 Data File : VU041440.D
 Acq On : 30 Nov 2020 12:58
 Operator : SY/MD
 Sample : VU1130WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK210

Quant Time: Dec 01 01:48:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 01 01:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59924	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	28514	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21411	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.92	69	16266	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	65	11199	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.20%
20) 2-Butanone-d5	4.65	46	66514	52.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.04%
24) Chloroform-d	5.08	84	45456	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	30535	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	76413	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.70	67	21868	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	68494	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	11764	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.64	63	47004	50.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.60%
56) 1,1,2,2-Tetrachloroethane-	10.76	84	21289	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
66) 1,2-Dichlorobenzene-d4	12.19	152	28826	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

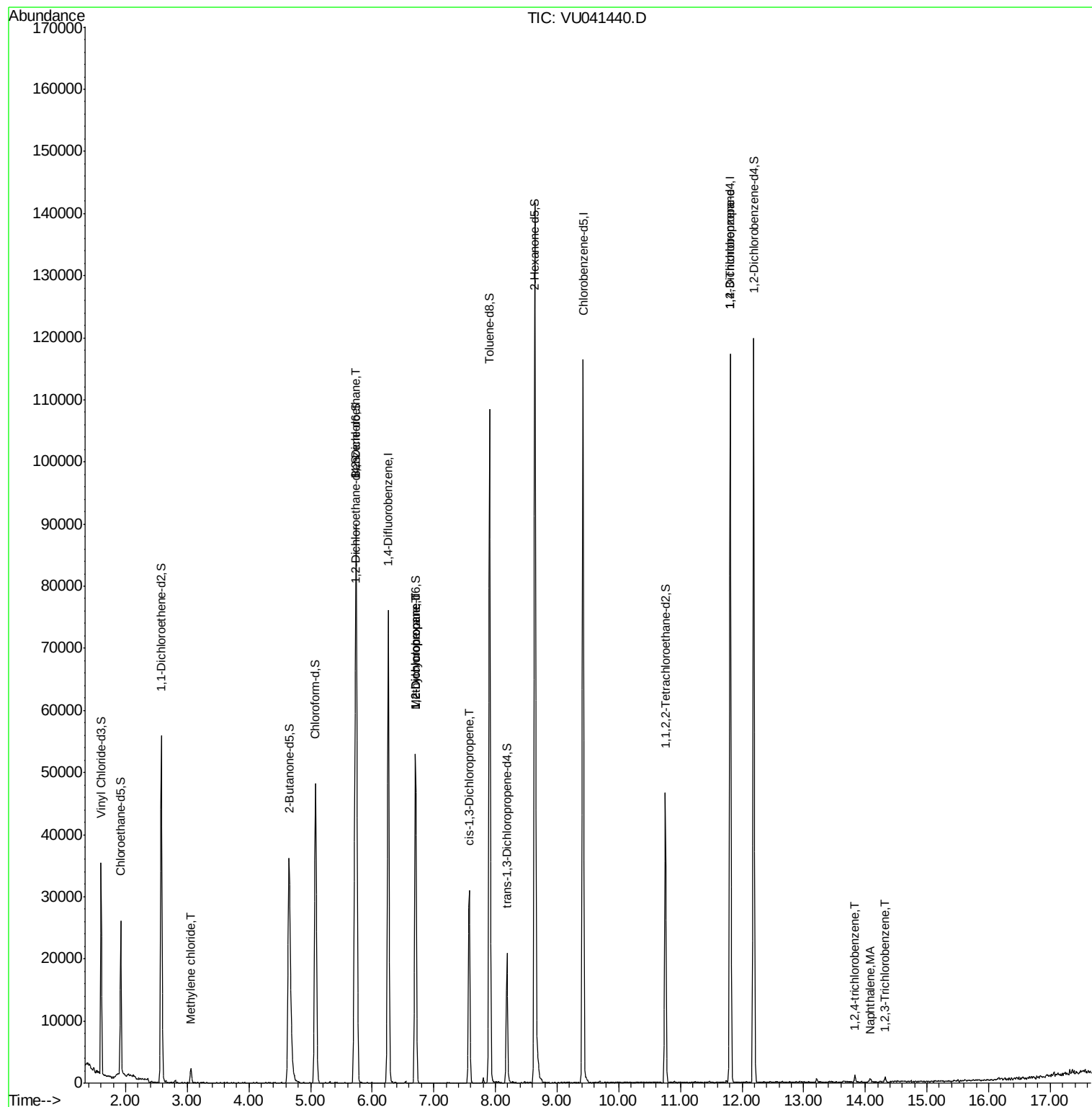
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.06	84	1189	0.263	ug/L	94
27) 1,2-Dichloroethane	5.74	62	544	0.079	ug/L #	80
35) Methylcyclohexane	6.70	83	6267	0.984	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	2974	0.696	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	830	0.124	ug/L #	40
61) 1,2,3-Trichloropropane	11.81	75	3365	1.100	ug/L #	58
70) 1,2,4-Trichlorobenzene	13.83	180	499	0.090	ug/L #	79
71) Naphthalene	14.08	128	733	0.080	ug/L #	68
72) 1,2,3-Trichlorobenzene	14.32	180	397	0.080	ug/L #	83

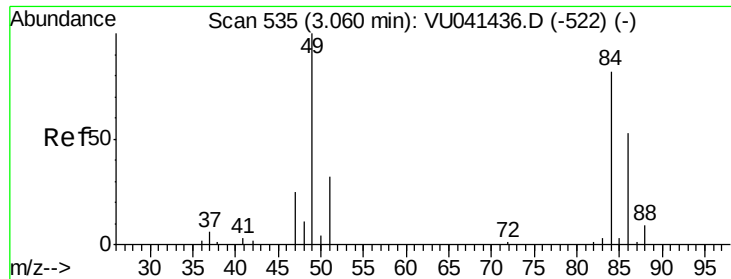
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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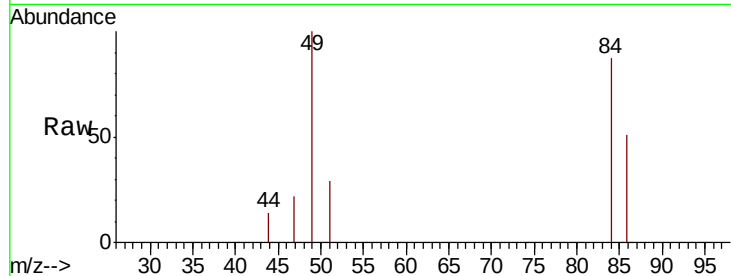




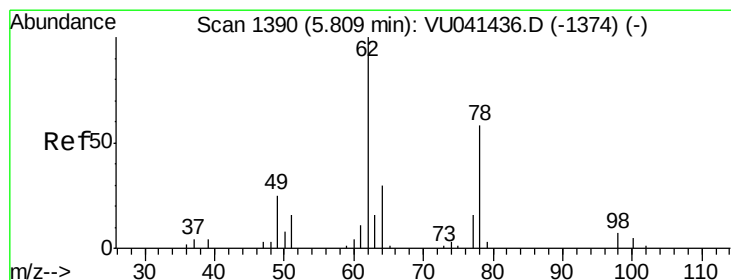
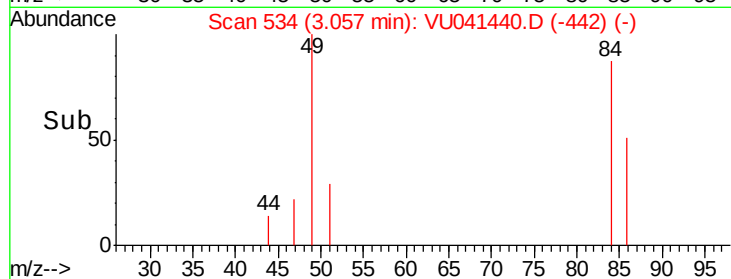
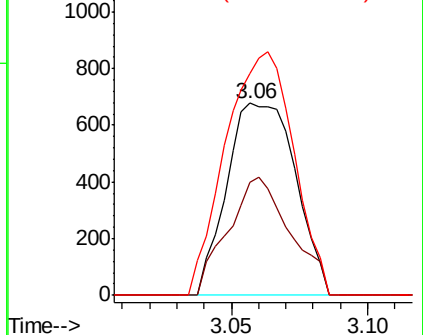
#16
Methylene chloride
Concen: 0.263 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041440.D
Acq: 30 Nov 2020 12:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK210

Tot Ion: 84 Resp: 1189
Ion Ratio Lower Upper
84 100
86 58.6 44.8 83.2
49 115.4 85.3 158.3

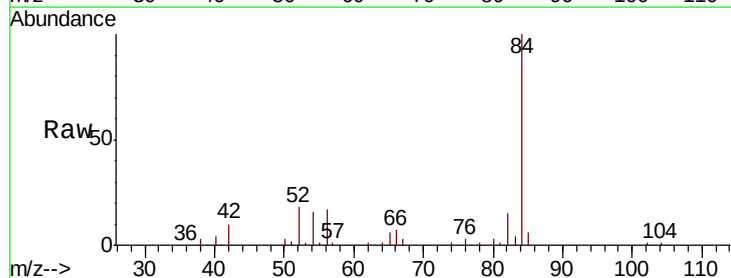


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

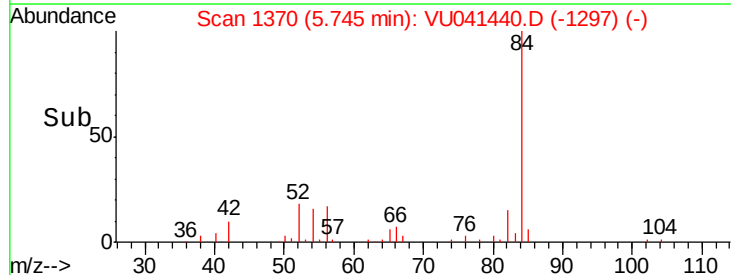
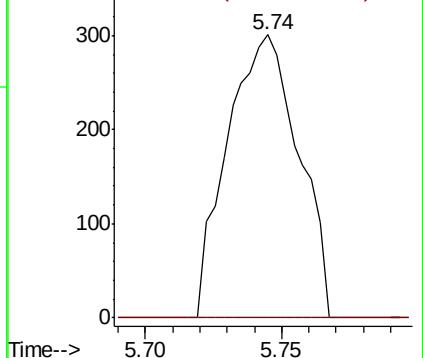


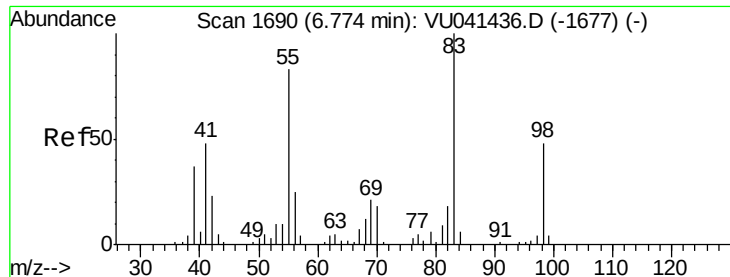
#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041440.D
Acq: 30 Nov 2020 12:58

Tgt Ion: 62 Resp: 544
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

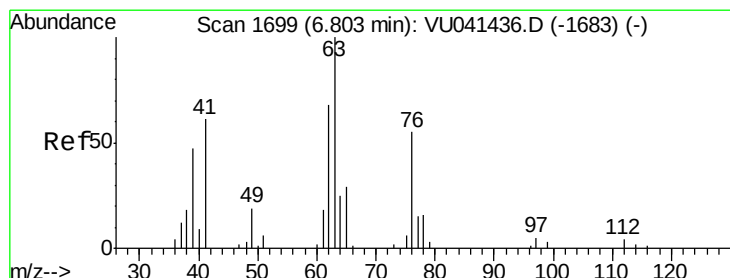
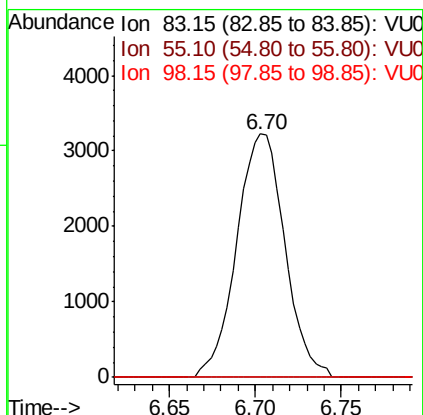
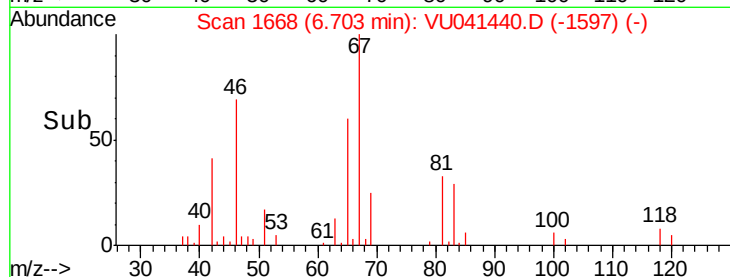
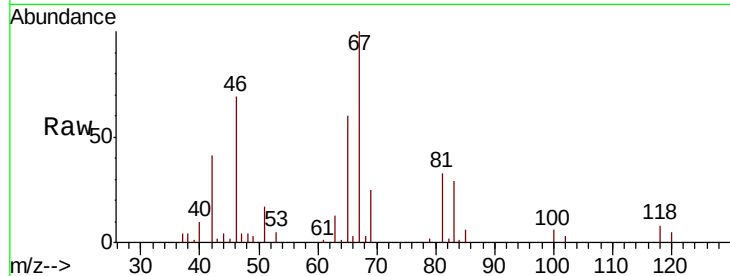




#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041440.D
Acq: 30 Nov 2020 12:58

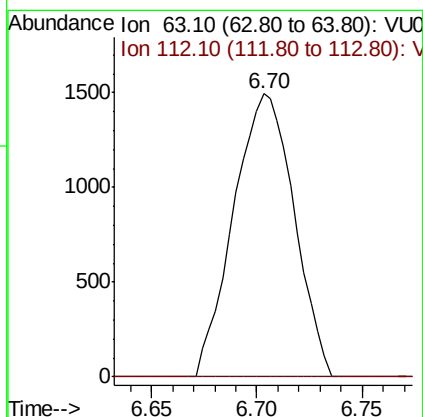
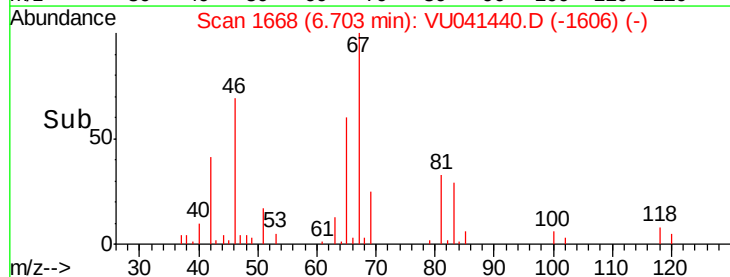
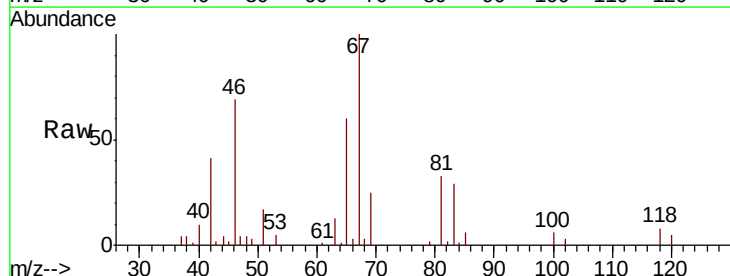
Instrument :
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ClientSampleId :
VBLK210

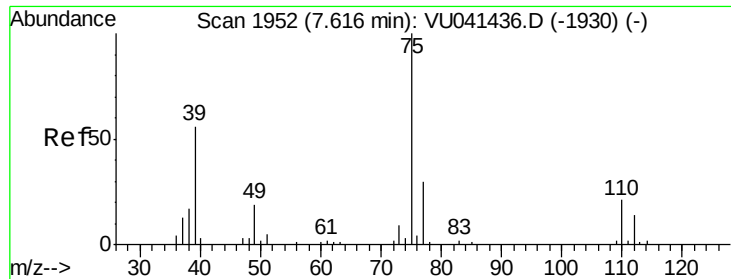
Tot Ion: 83 Resp: 6267
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041440.D
Acq: 30 Nov 2020 12:58

Tgt Ion: 63 Resp: 2974
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

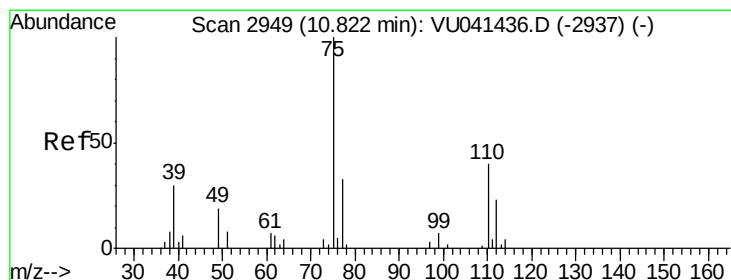
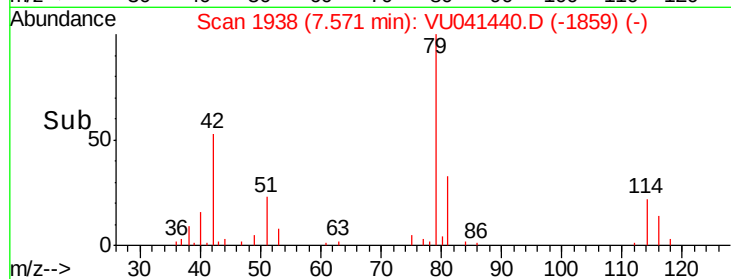
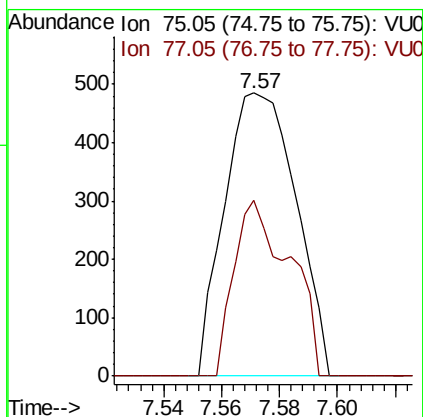
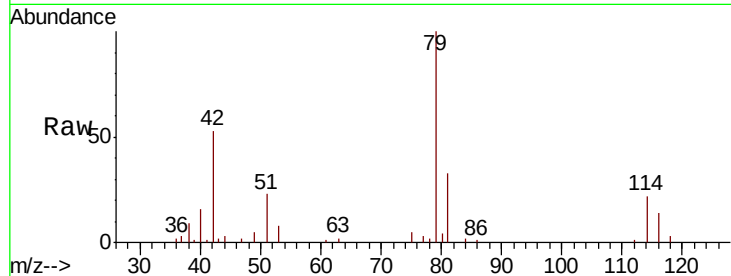




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU041440.D
 Acq: 30 Nov 2020 12:58

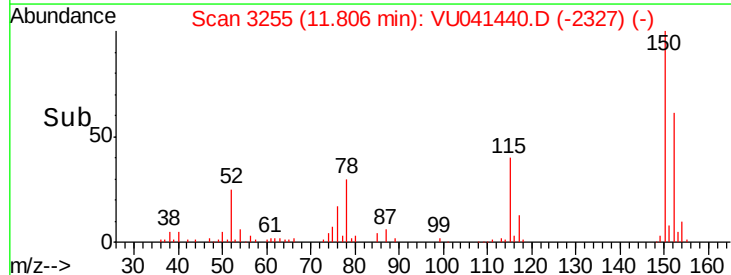
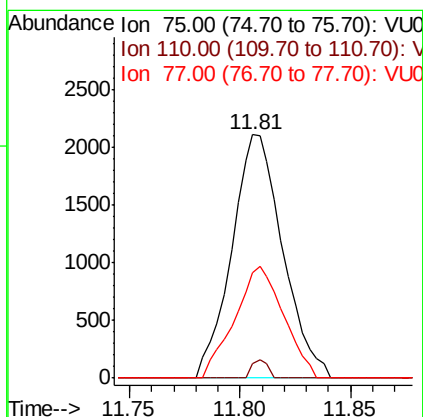
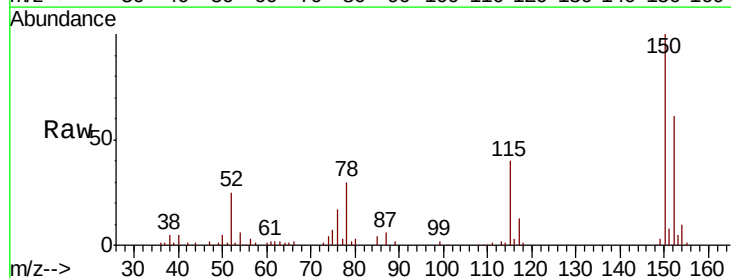
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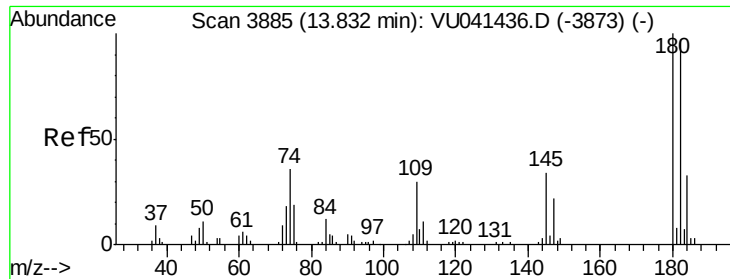
Tot Ion: 75 Resp: 830
 Ion Ratio Lower Upper
 75 100
 77 62.3 21.0 39.0#



#61
 1,2,3-Trichloropropane
 Concen: 1.100 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU041440.D
 Acq: 30 Nov 2020 12:58

Tgt Ion: 75 Resp: 3365
 Ion Ratio Lower Upper
 75 100
 110 2.4 33.0 49.4#
 77 44.0 27.4 41.0#

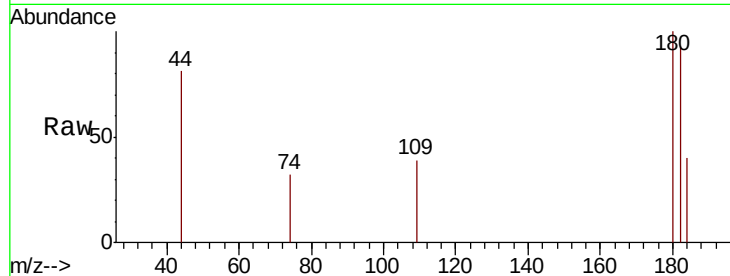




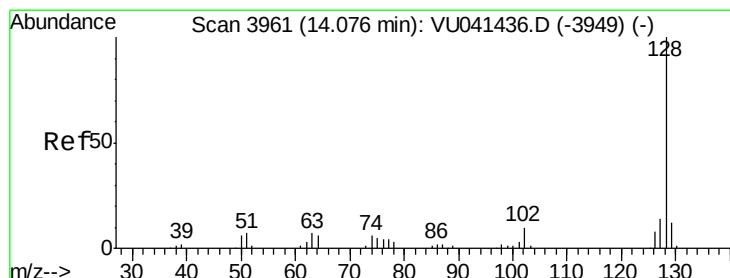
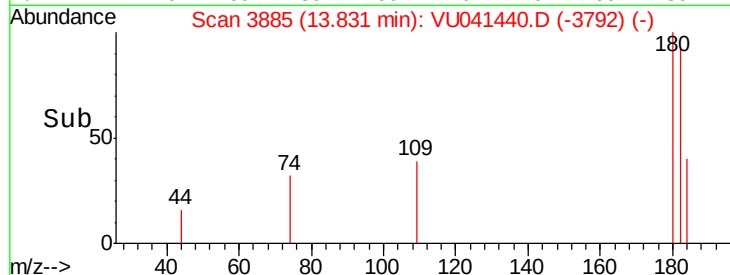
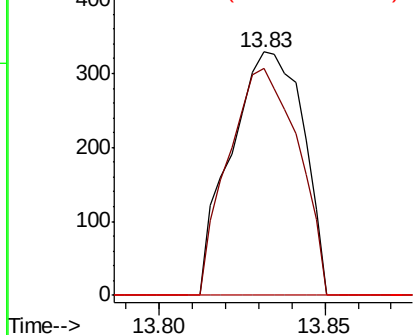
#70
 1,2,4-trichlorobenzene
 Concen: 0.090 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU041440.D
 Acq: 30 Nov 2020 12:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK210

Tot Ion:180 Resp: 499
 Ion Ratio Lower Upper
 180 100
 182 90.0 78.4 117.6
 145 0.0 27.4 41.0#

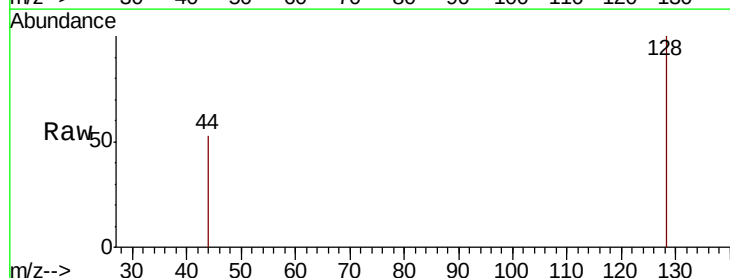


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

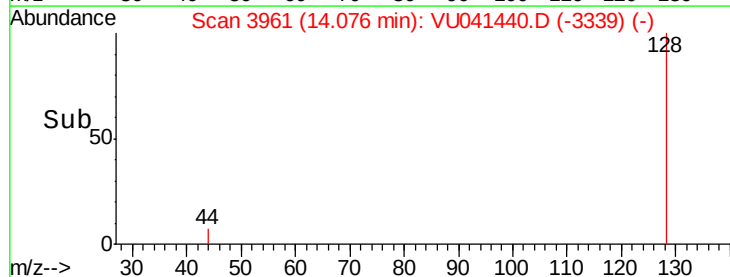
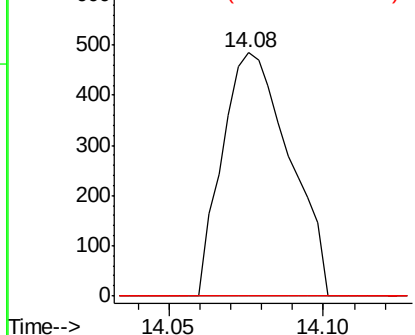


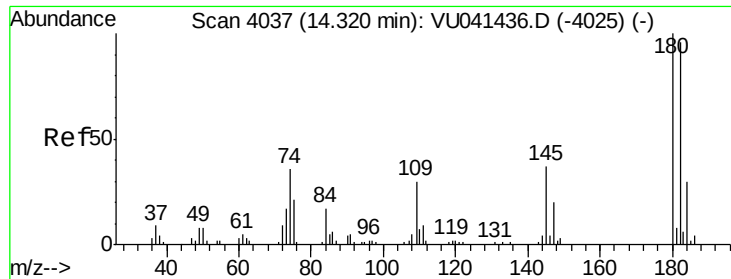
#71
 Naphthalene
 Concen: 0.080 ug/L
 RT: 14.08 min Scan# 3961
 Delta R.T. -0.00 min
 Lab File: VU041440.D
 Acq: 30 Nov 2020 12:58

Tgt Ion:128 Resp: 733
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.4 14.0#
 127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#72
 1,2,3-Trichlorobenzene
 Concen: 0.080 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU041440.D
 Acq: 30 Nov 2020 12:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK210

Tot Ion:180 Resp: 397
 Ion Ratio Lower Upper
 180 100
 182 103.8 77.6 116.4
 145 9.8 28.6 43.0#

