

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027691.D
 Acq On : 18 Oct 2018 12:03
 Operator : MD/SY
 Sample : VU1018WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK61

Quant Time: Oct 19 08:13:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	86804	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82067	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	40583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33039	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.68	69	25499	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.28	63	44533	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.22	46	95652	48.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.65	84	51823	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.31	65	28605	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.34	84	113385	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	37820	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.57	98	102801	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.86	79	15631	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.32	63	81260	48.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26828	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	36631	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

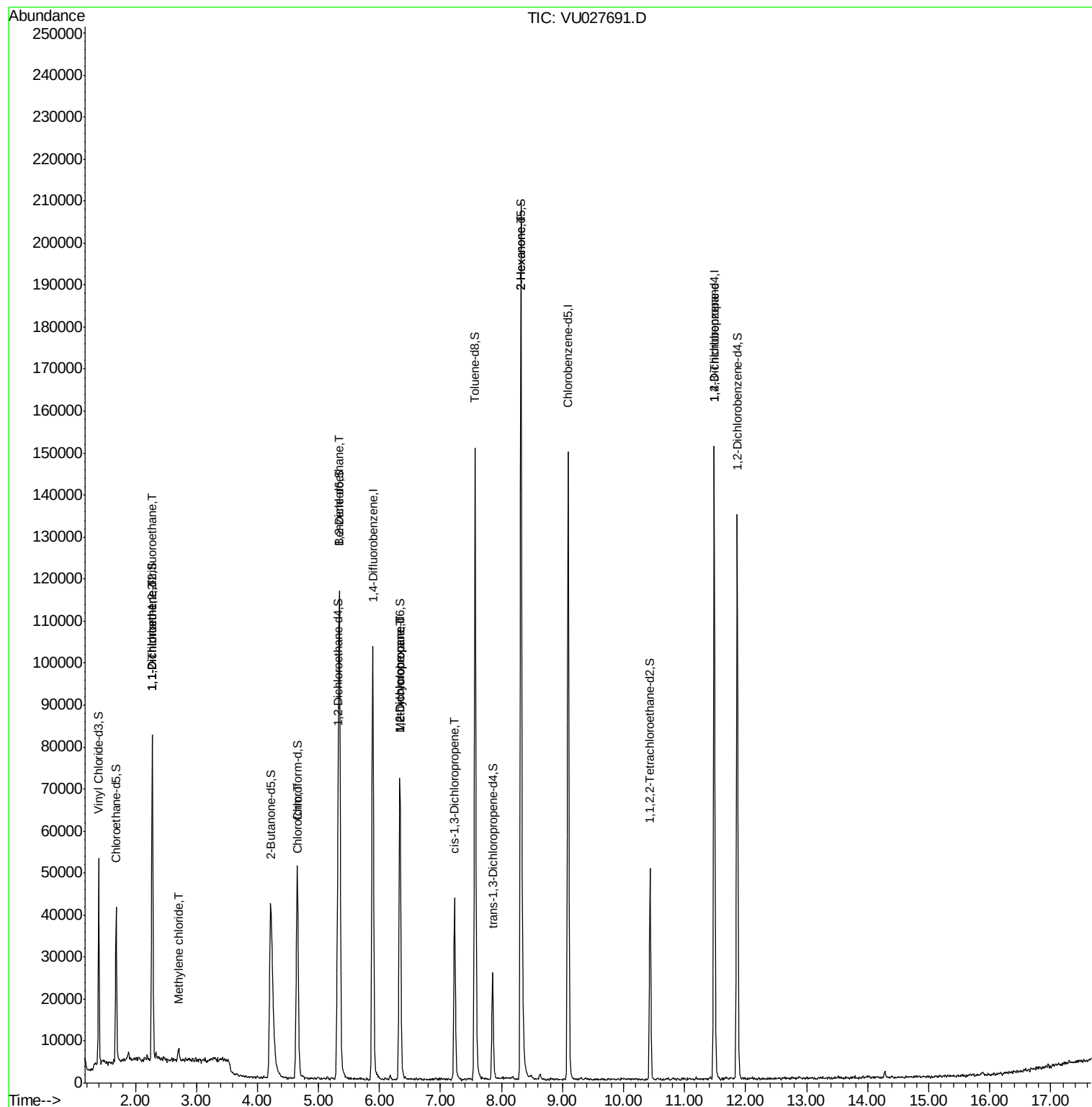
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	365	0.062	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	390	0.066	ug/L #	1
16) Methylene chloride	2.71	84	1481	0.231	ug/L	89
25) Chloroform	4.67	83	1533	0.128	ug/L	92
27) 1,2-Dichloroethane	5.35	62	523	0.069	ug/L #	72
35) Methylcyclohexane	6.33	83	8110	0.677	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3736	0.484	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	880	0.078	ug/L #	55
48) 2-Hexanone	8.32	43	8719	2.338	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	4997	1.127	ug/L	95

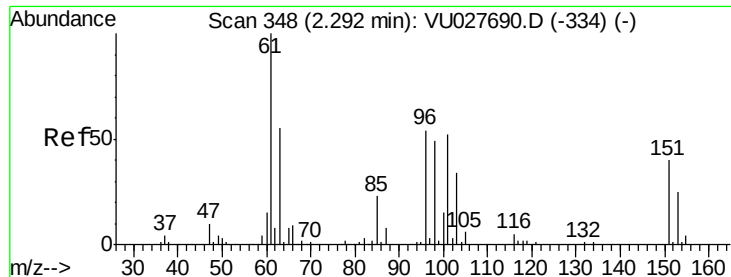
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.062 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.02 min

Lab File: VU027691.D

Acq: 18 Oct 2018 12:03

Instrument :

MSVOA_U

ClientSampleId :

VBLK61

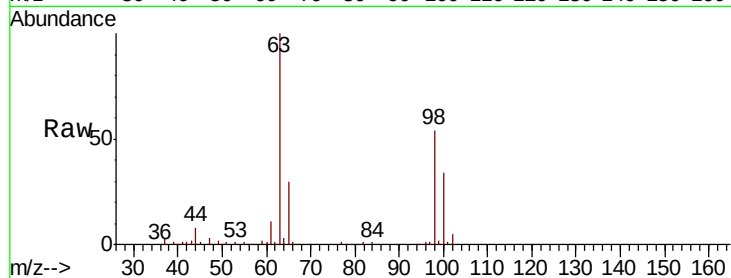
Tgt Ion: 101 Resp: 365

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

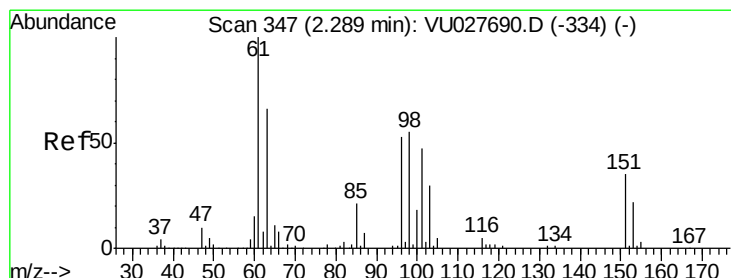
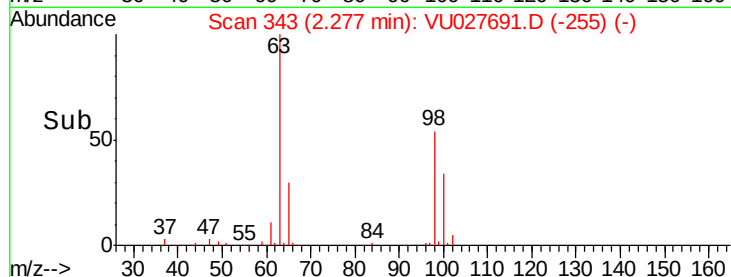
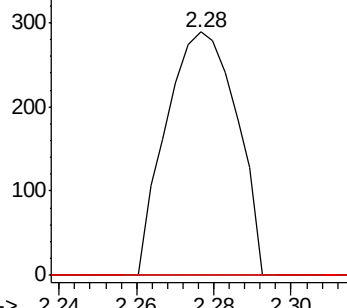
151 0.0 63.8 95.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027691.D

Acq: 18 Oct 2018 12:03

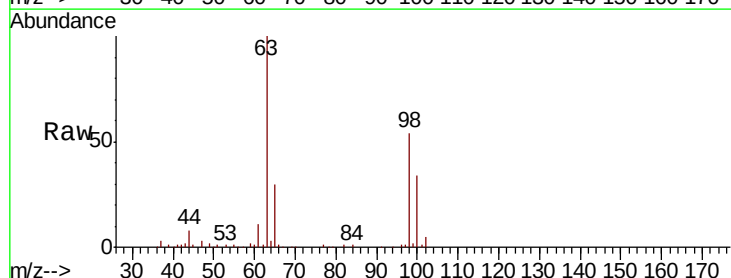
Tgt Ion: 96 Resp: 390

Ion Ratio Lower Upper

96 100

61 971.5 125.6 233.2#

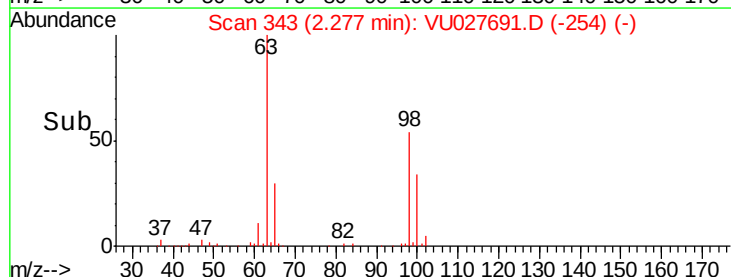
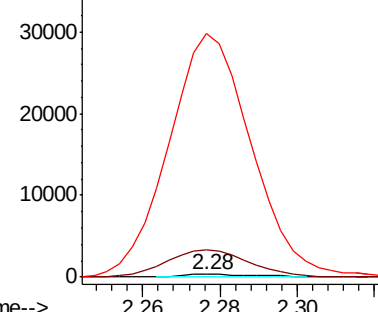
63 8583.3 97.6 181.2#

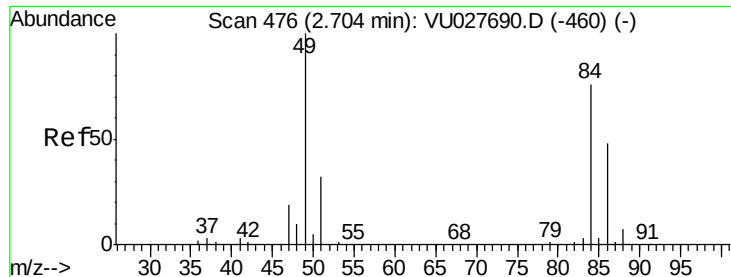


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

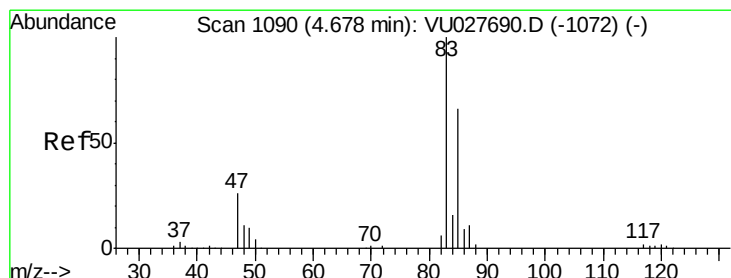
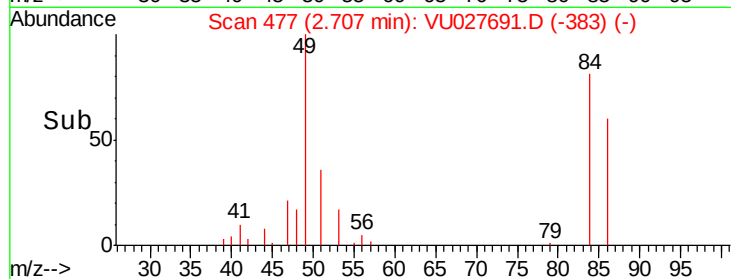
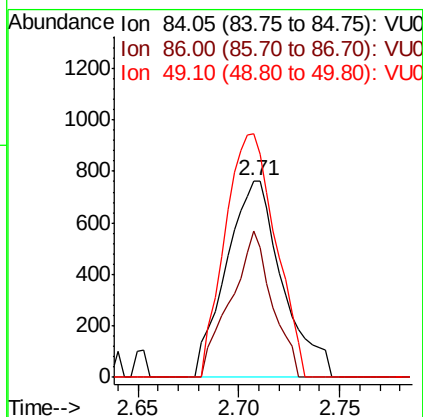
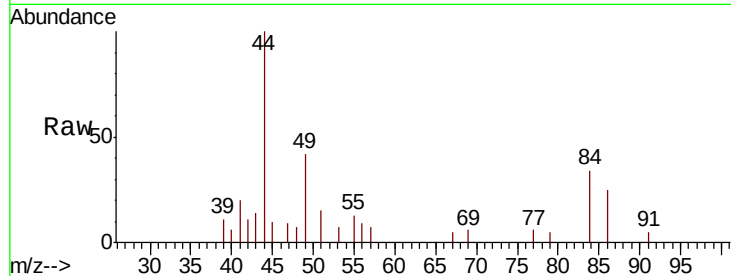




#16
Methylene chloride
Concen: 0.231 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027691.D
Acq: 18 Oct 2018 12:03

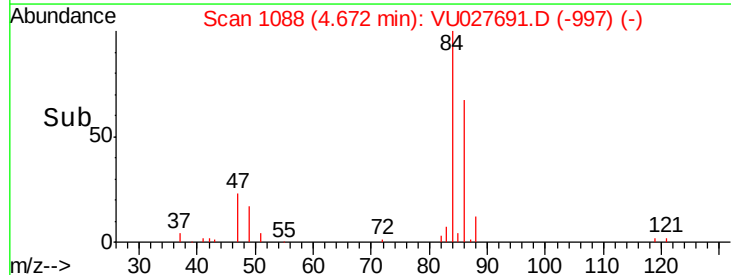
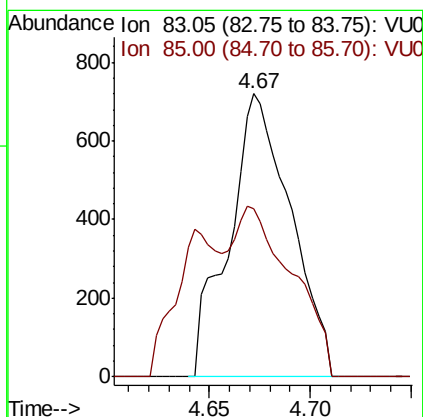
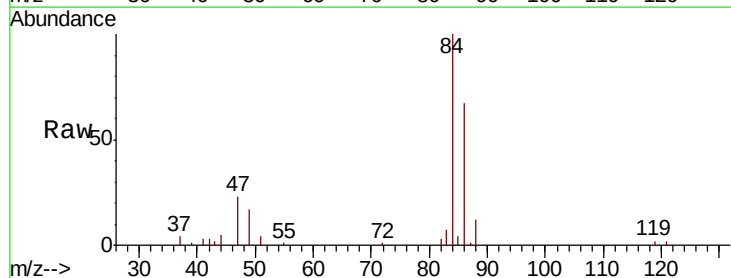
Instrument :
MSVOA_U
ClientSampled :
VBLK61

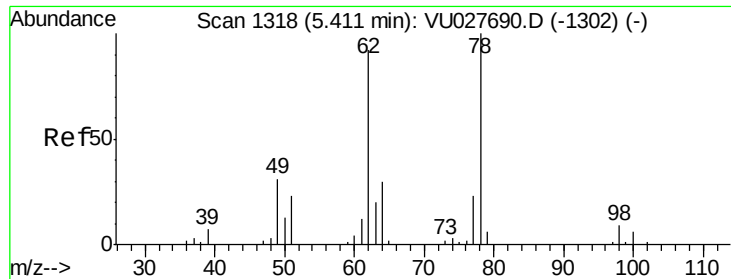
Tgt Ion: 84 Resp: 1481
Ion Ratio Lower Upper
84 100
86 74.3 46.1 85.7
49 124.0 96.9 179.9



#25
Chloroform
Concen: 0.128 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU027691.D
Acq: 18 Oct 2018 12:03

Tgt Ion: 83 Resp: 1533
Ion Ratio Lower Upper
83 100
85 59.6 46.1 85.7

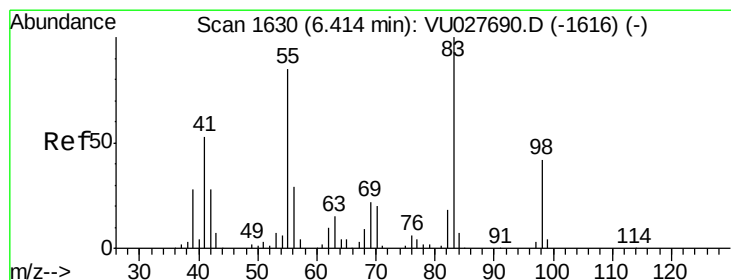
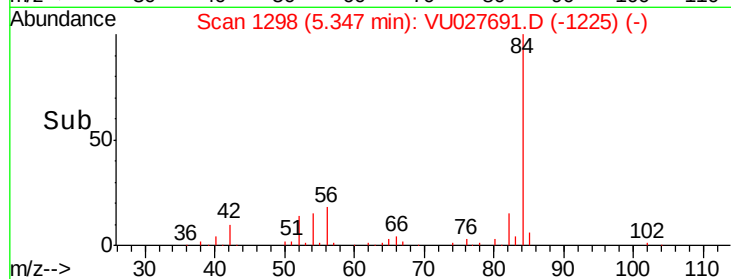
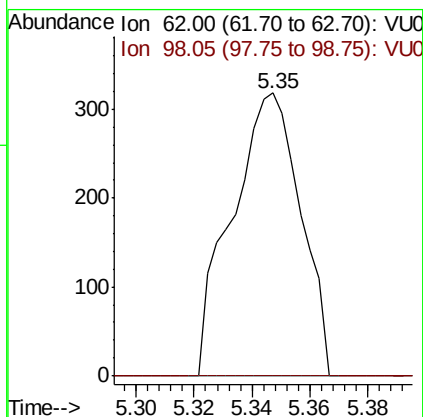
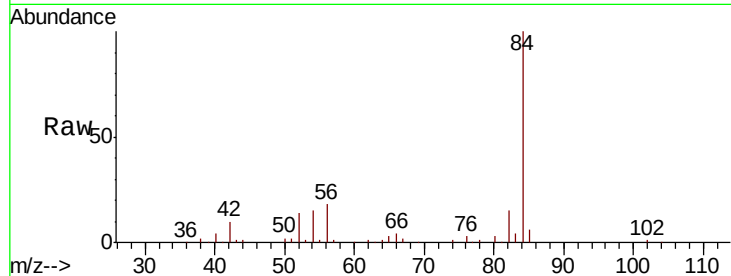




#27
 1,2-Dichloroethane
 Concen: 0.069 ug/L
 RT: 5.35 min Scan# 1298
 Delta R.T. -0.06 min
 Lab File: VU027691.D
 Acq: 18 Oct 2018 12:03

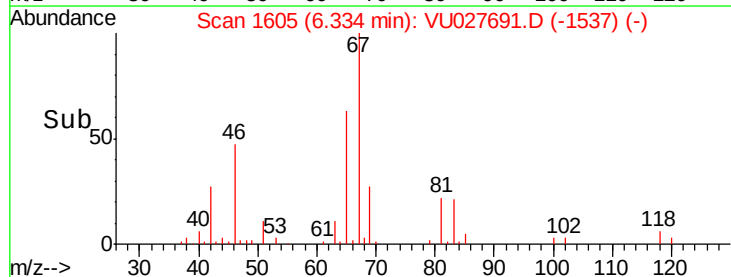
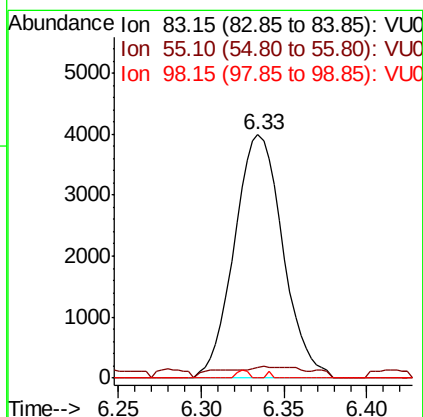
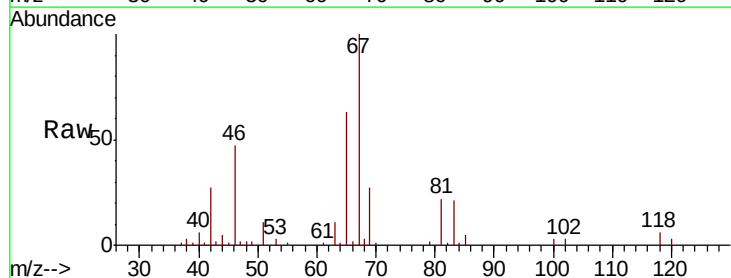
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK61

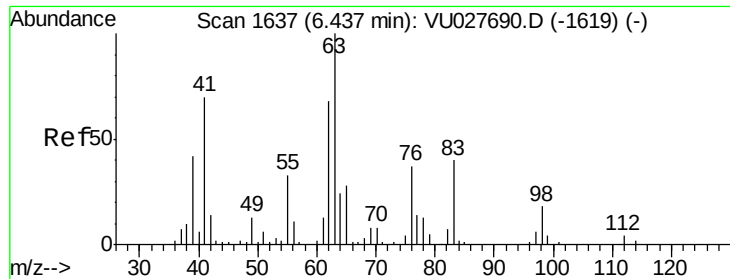
Tgt Ion: 62 Resp: 523
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



#35
 Methylcyclohexane
 Concen: 0.677 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.08 min
 Lab File: VU027691.D
 Acq: 18 Oct 2018 12:03

Tgt Ion: 83 Resp: 8110
 Ion Ratio Lower Upper
 83 100
 55 1.6 69.0 103.4#
 98 0.3 35.4 53.2#

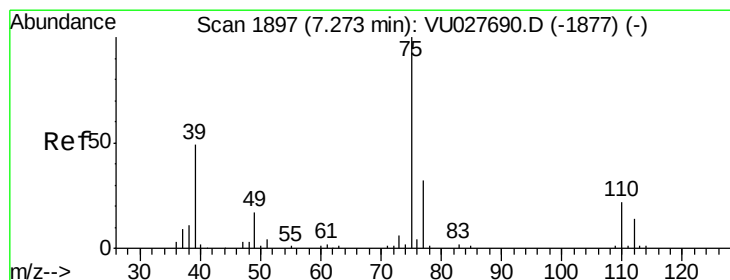
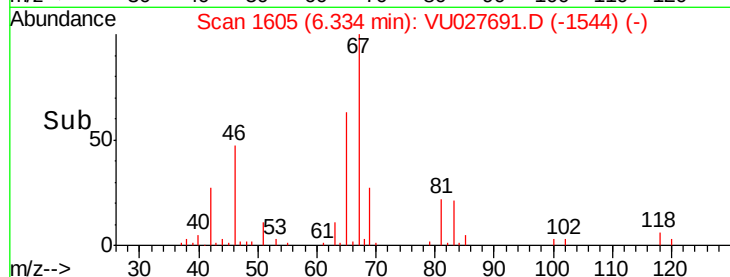
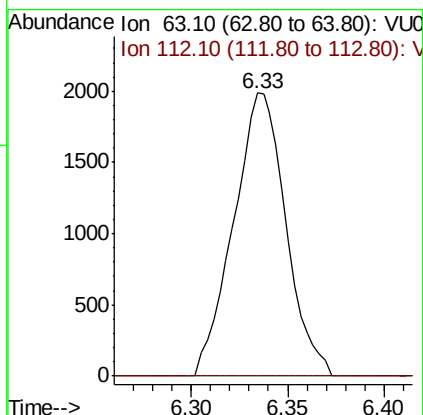
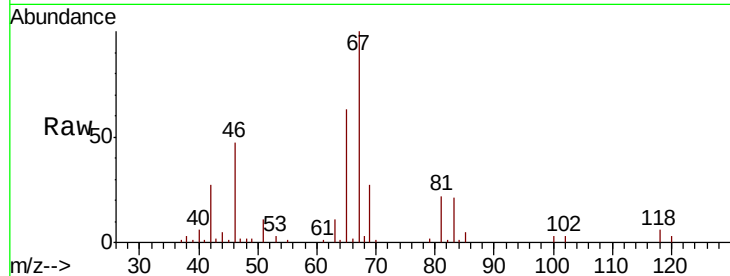




#37
 1,2-Dichloropropane
 Concen: 0.484 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027691.D
 Acq: 18 Oct 2018 12:03

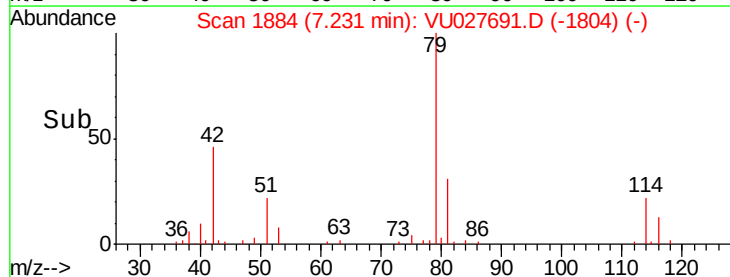
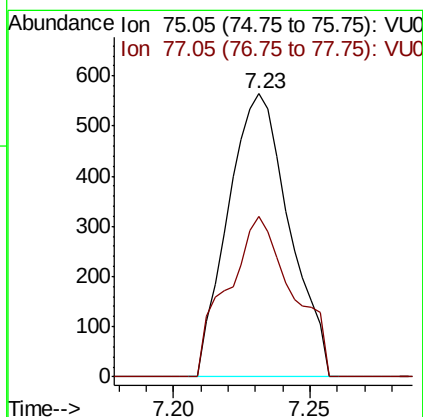
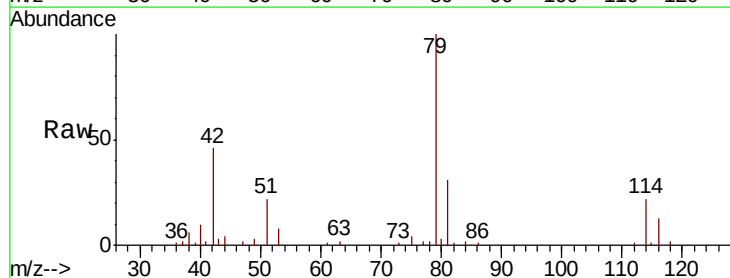
Instrument :
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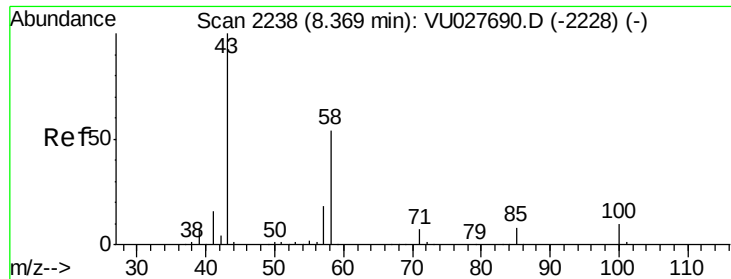
Tgt Ion: 63 Resp: 3736
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027691.D
 Acq: 18 Oct 2018 12:03

Tgt Ion: 75 Resp: 880
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.2 41.2#

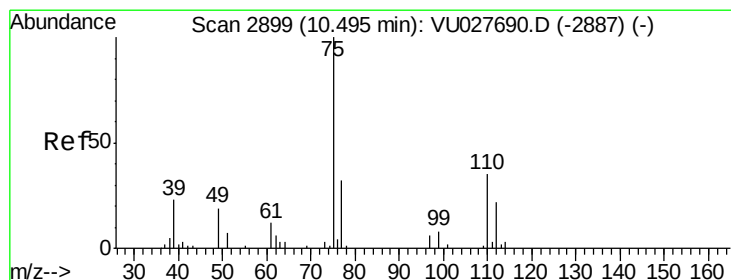
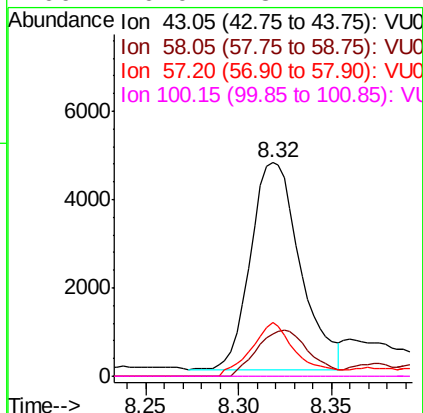
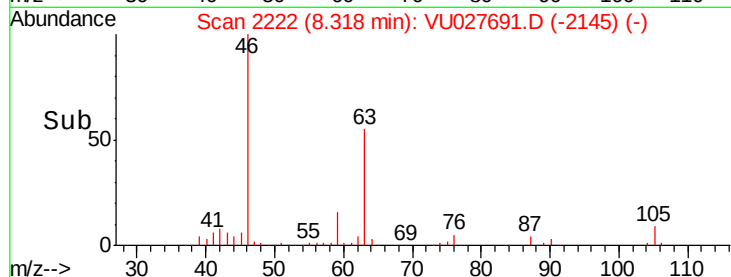
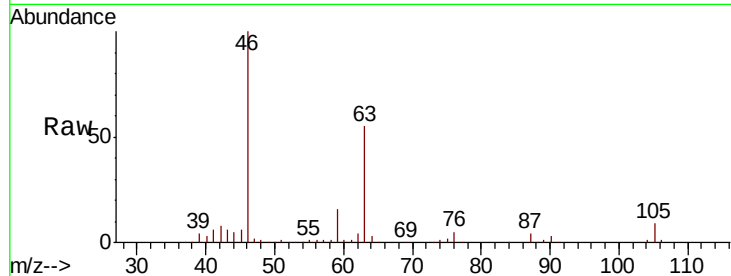




#48
 2-Hexanone
 Concen: 2.338 ug/L
 RT: 8.32 min Scan# 2222
 Delta R.T. -0.05 min
 Lab File: VU027691.D
 Acq: 18 Oct 2018 12:03

Instrument :
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 ClientSampleId :
 VBLK61

Tgt Ion: 43 Resp: 8719
 Ion Ratio Lower Upper
 43 100
 58 23.7 42.7 64.1#
 57 23.6 14.5 21.7#
 100 0.0 8.1 12.1#



#59
 1,2,3-Trichloropropane
 Concen: 1.127 ug/L
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027691.D
 Acq: 18 Oct 2018 12:03

Tgt Ion: 75 Resp: 4997
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.9 40.3

