

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101020\
 Data File : VU040627.D
 Acq On : 10 Oct 2020 11:37
 Operator : SY/MD
 Sample : VU1010MBL06
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK208

Quant Time: Oct 12 01:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 01:29:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	262847	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	260596	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	116276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102844	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.12%
7) Chloroethane-d5	1.92	69	81143	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.36%
11) 1,1-Dichloroethene-d2	2.58	63	158133	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.42%
21) 2-Butanone-d5	4.66	46	207917	116.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.06%
24) Chloroform-d	5.08	84	188986	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	5.72	65	136674	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
32) Benzene-d6	5.75	84	369150	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.54%
36) 1,2-Dichloropropane-d6	6.70	67	125207	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.74%
41) Toluene-d8	7.91	98	314150	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%
43) trans-1,3-Dichloropropene-	8.19	79	58034	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.64	63	129064	111.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.38%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	176866	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
66) 1,2-Dichlorobenzene-d4	12.19	152	122528	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%

Target Compounds

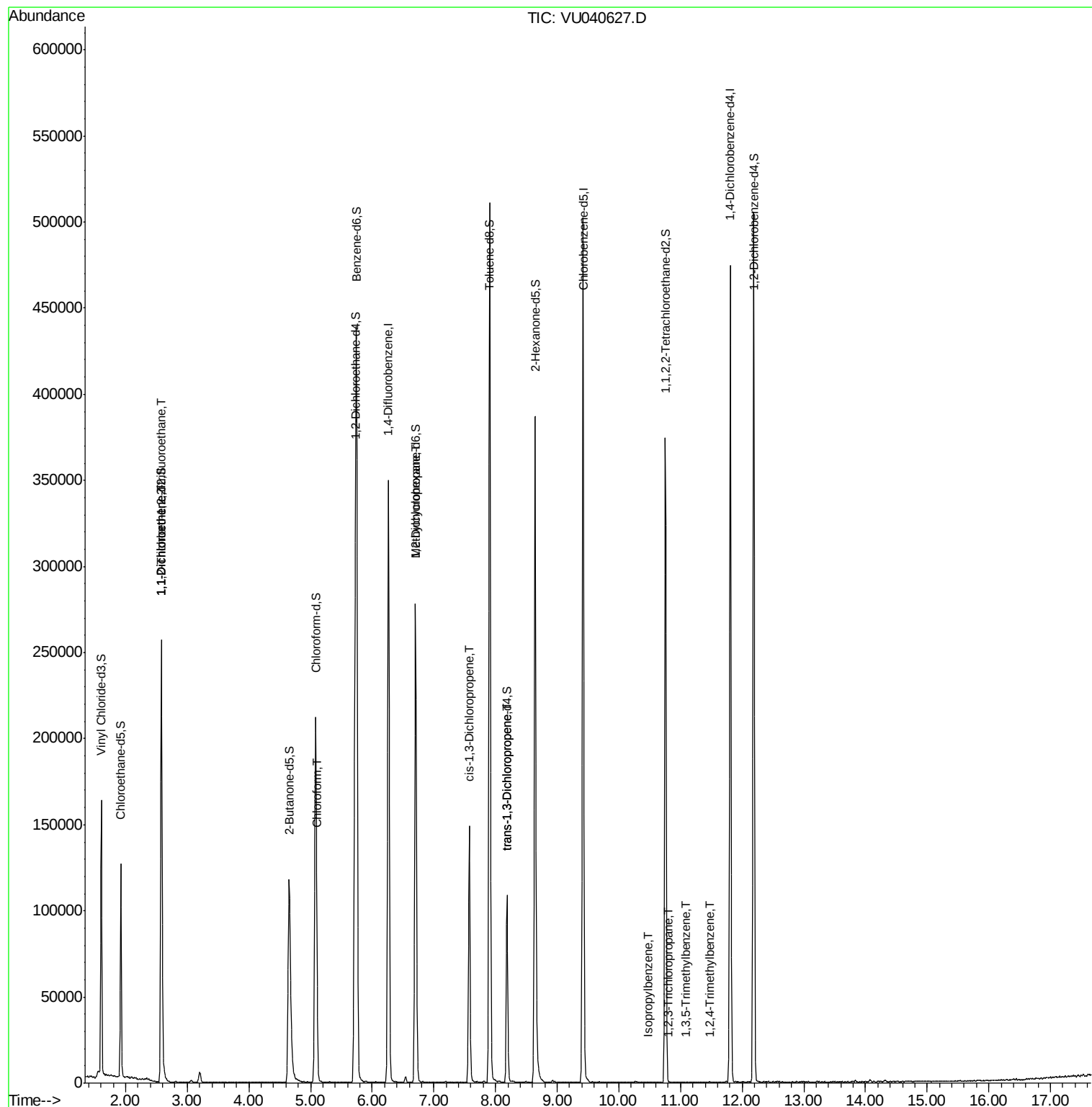
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1370	0.680	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	1122	0.603	ug/L #	1
25) Chloroform	5.11	83	5310	1.317	ug/L	96
35) Methylcyclohexane	6.71	83	29651	8.988	ug/L #	15
39) cis-1,3-Dichloropropene	7.57	75	4374	1.290	ug/L #	77
44) trans-1,3-Dichloropropene	8.19	75	2865	0.839	ug/L	90
60) 1,2,3-Trichloropropane	10.81	75	40	0.015	ug/L #	39
61) Isopropylbenzene	10.48	105	77	0.010	ug/L #	54
62) 1,3,5-Trimethylbenzene	11.09	105	118	0.018	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.47	105	188	0.029	ug/L #	31

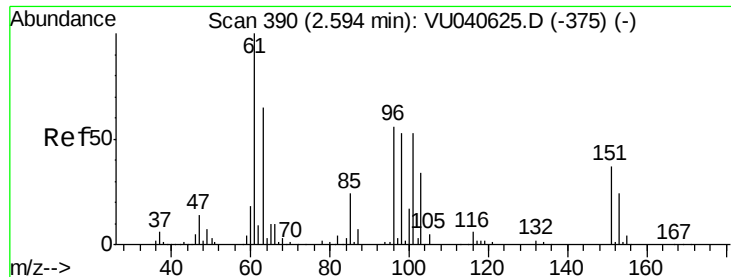
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 12 01:29:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.680 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040627.D

Acq: 10 Oct 2020 11:37

Instrument :

MSVOA_U

ClientSampled :

VBLK208

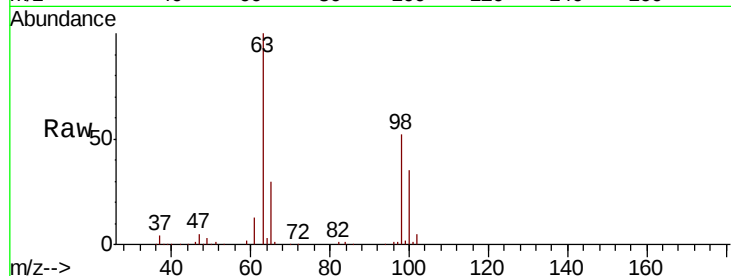
Tot Ion:101 Resp: 1370

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

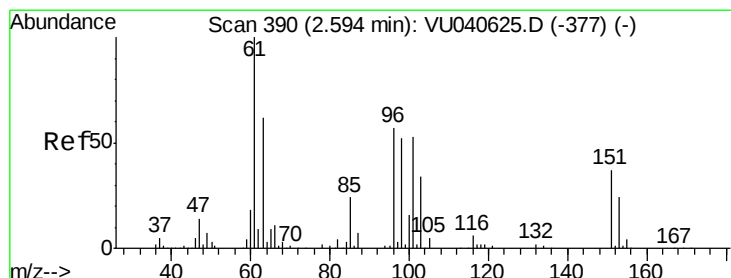
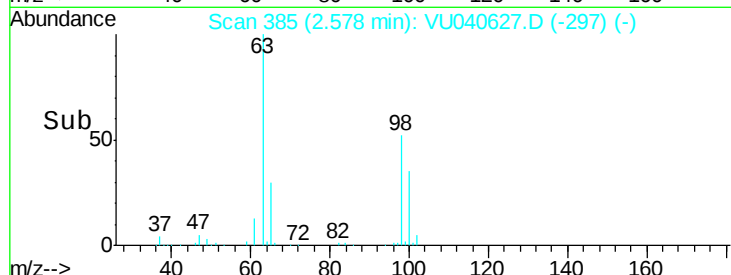
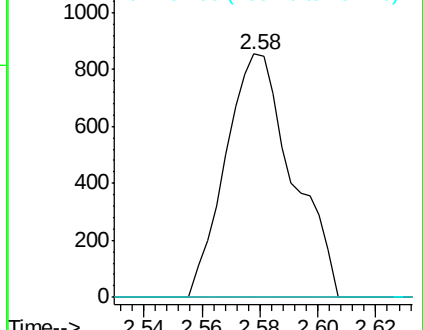
151 0.0 54.8 82.2#



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: 0.603 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040627.D

Acq: 10 Oct 2020 11:37

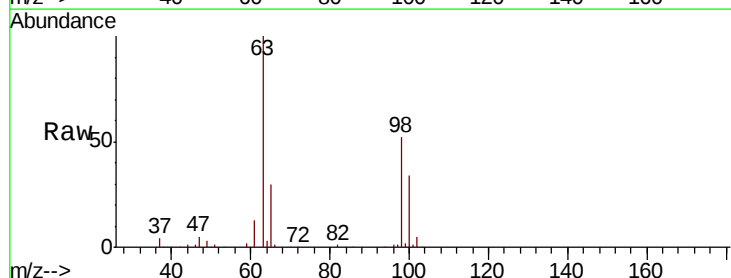
Tgt Ion: 96 Resp: 1122

Ion Ratio Lower Upper

96 100

61 1696.8 135.0 250.8#

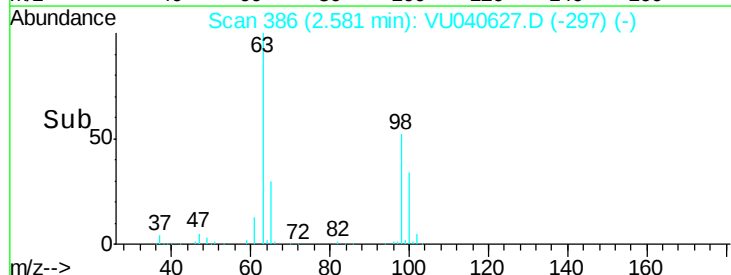
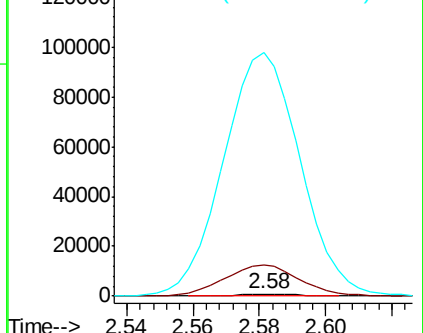
63 13005.3 101.4 188.2#

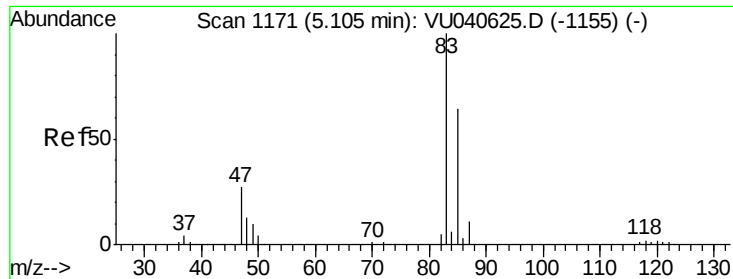


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

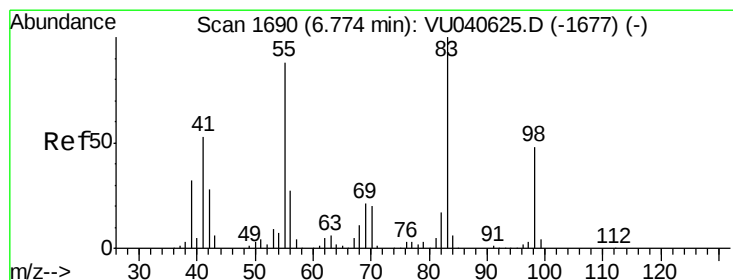
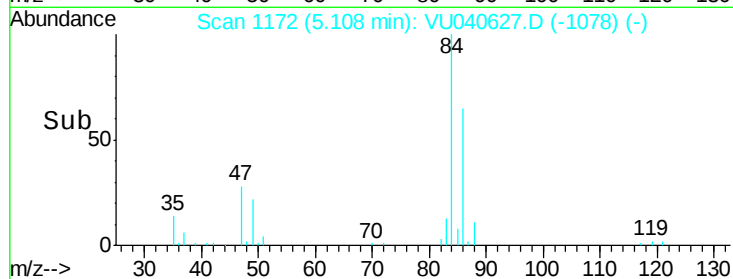
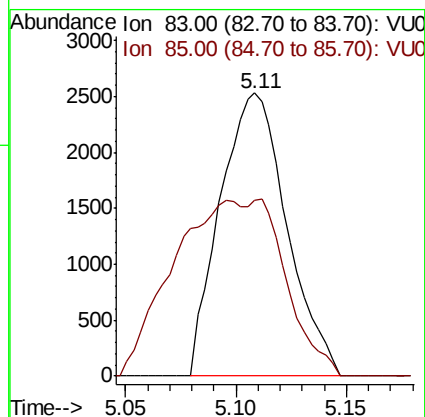
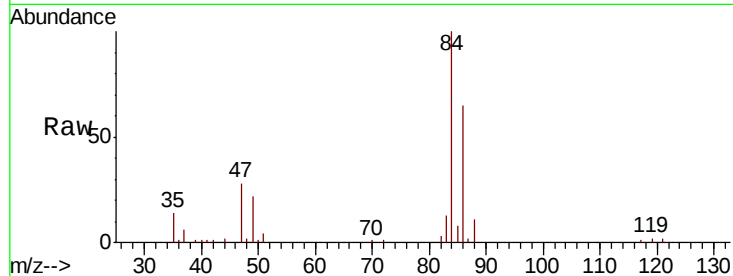




#25
Chloroform
Concen: 1.317 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040627.D
Acq: 10 Oct 2020 11:37

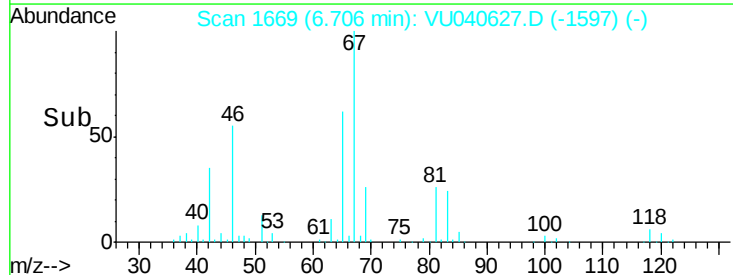
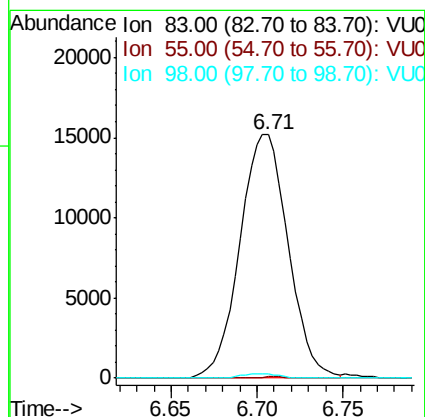
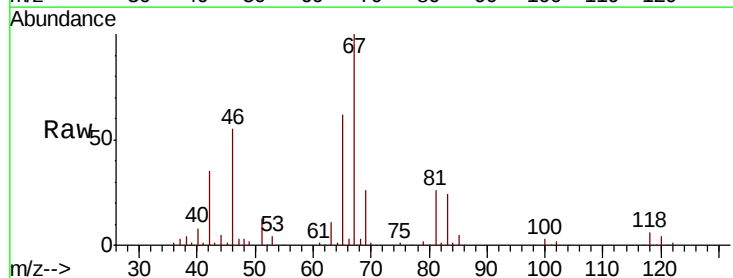
Instrument :
MSVOA_U
ClientSampleId :
VBLK208

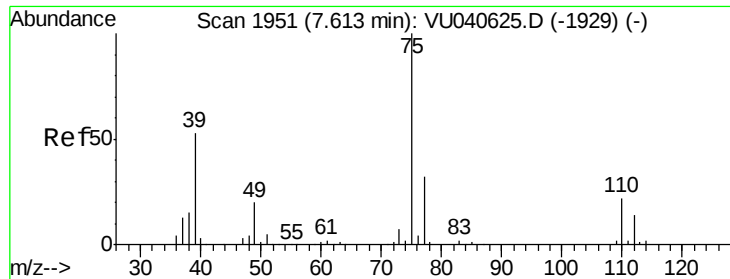
Tot Ion: 83 Resp: 5310
Ion Ratio Lower Upper
83 100
85 62.2 45.6 84.8



#35
Methylcyclohexane
Concen: 8.988 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040627.D
Acq: 10 Oct 2020 11:37

Tgt Ion: 83 Resp: 29651
Ion Ratio Lower Upper
83 100
55 0.2 69.8 104.8#
98 1.4 39.1 58.7#

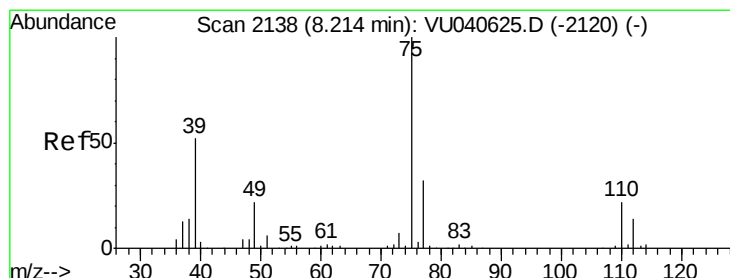
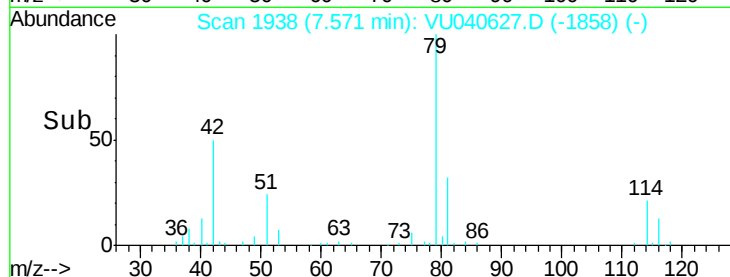
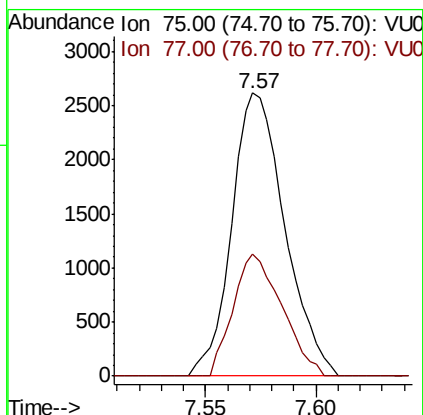
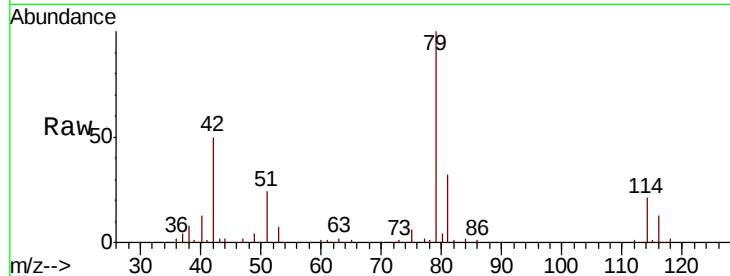




#39
 cis-1,3-Dichloropropene
 Concen: 1.290 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040627.D
 Acq: 10 Oct 2020 11:37

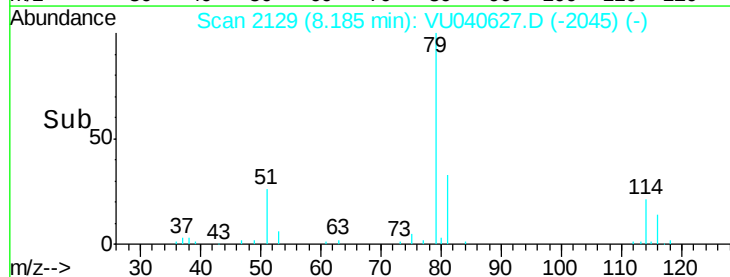
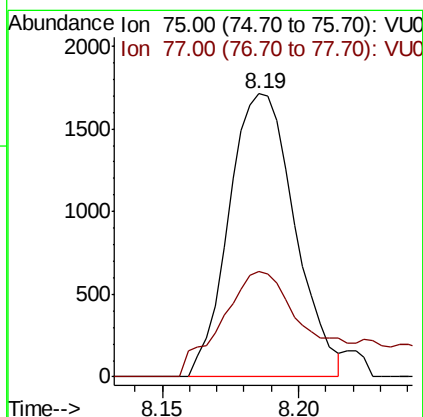
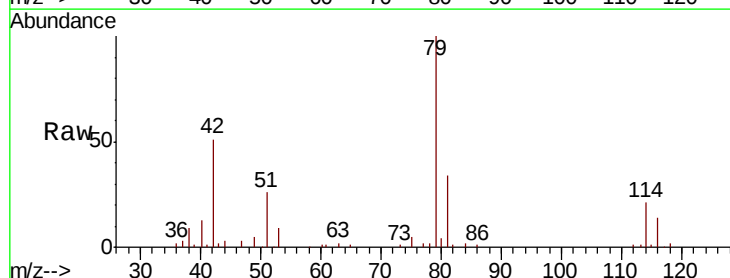
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK208

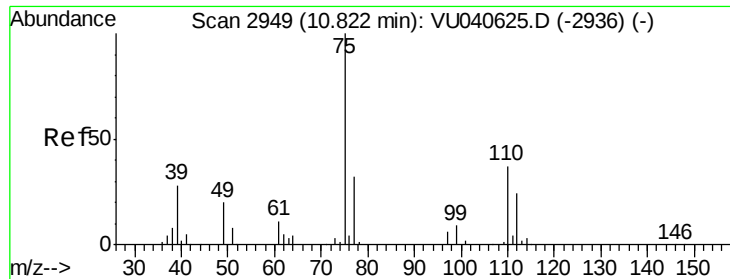
Tot Ion: 75 Resp: 4374
 Ion Ratio Lower Upper
 75 100
 77 42.9 21.4 39.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.839 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040627.D
 Acq: 10 Oct 2020 11:37

Tgt Ion: 75 Resp: 2865
 Ion Ratio Lower Upper
 75 100
 77 37.4 22.1 41.1

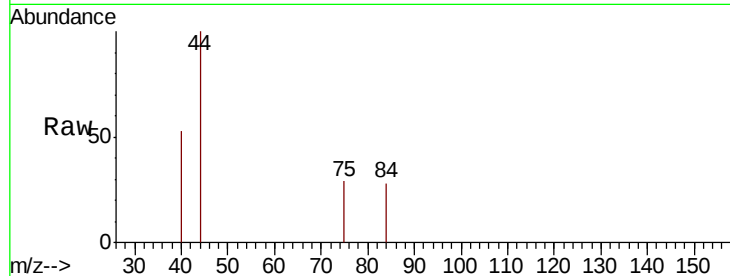




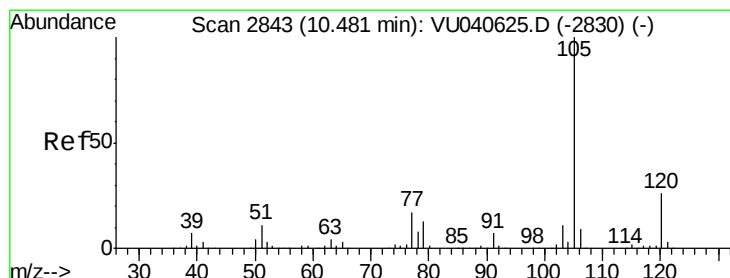
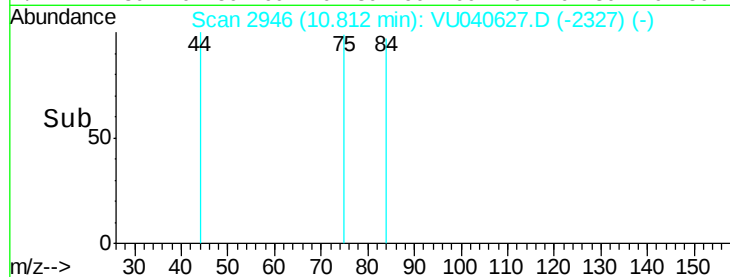
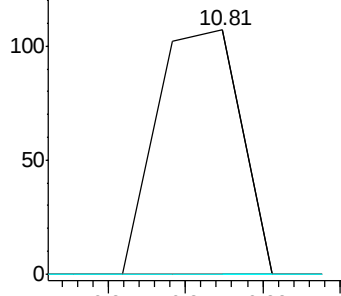
#60
 1,2,3-Trichloropropane
 Concen: 0.015 ug/L
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: VU040627.D
 Acq: 10 Oct 2020 11:37

Instrument :
 MSVOA_U
 ClientSampled :
 VBLK208

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#
110	0.0	30.1	45.1#

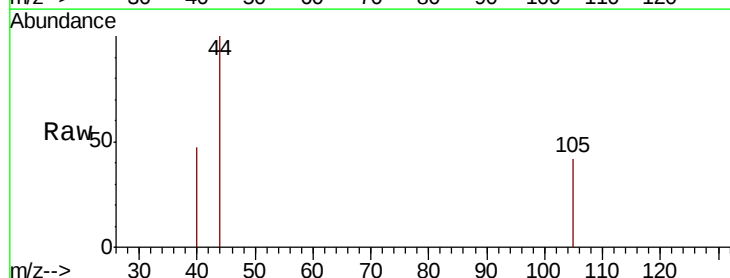


Abundance Ion 75.00 (74.70 to 75.70): VU040627.D (-2936) (-)
 Ion 77.00 (76.70 to 77.70): VU040627.D (-2936) (-)
 Ion 110.00 (109.70 to 110.70): VU040627.D (-2936) (-)

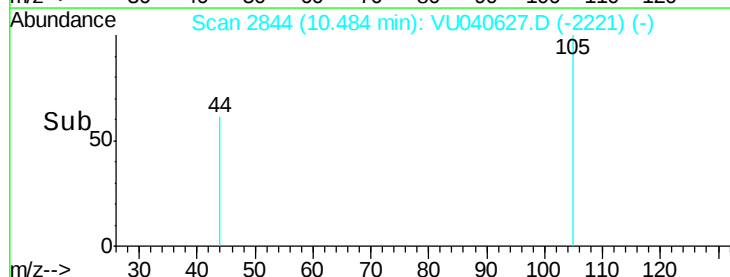
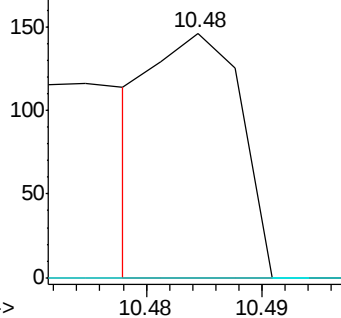


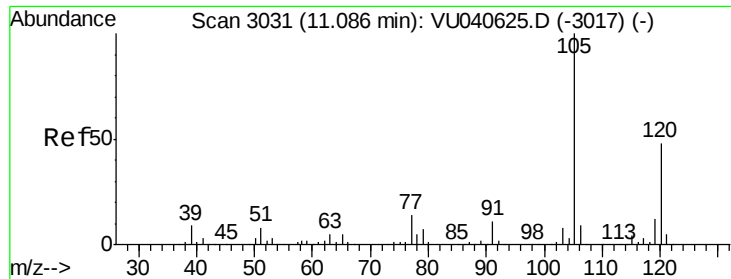
#61
 Isopropylbenzene
 Concen: 0.010 ug/L
 RT: 10.48 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: VU040627.D
 Acq: 10 Oct 2020 11:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.7	31.1#
77	0.0	13.8	20.8#



Abundance Ion 105.00 (104.70 to 105.70): VU040627.D (-2830) (-)
 Ion 120.00 (119.70 to 120.70): VU040627.D (-2830) (-)
 Ion 77.00 (76.70 to 77.70): VU040627.D (-2830) (-)

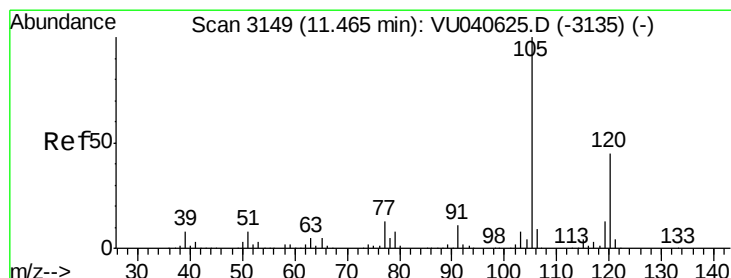
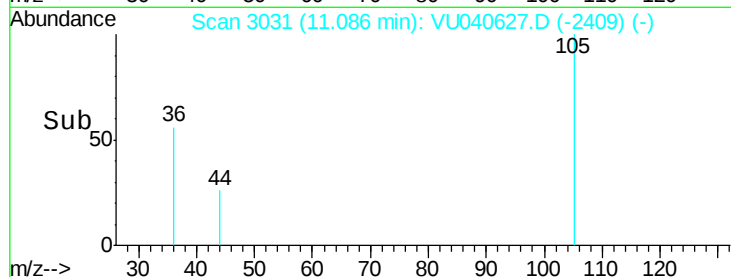
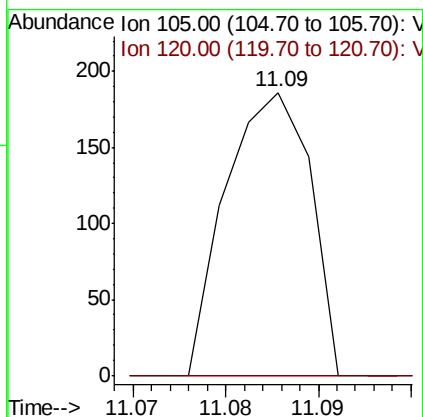
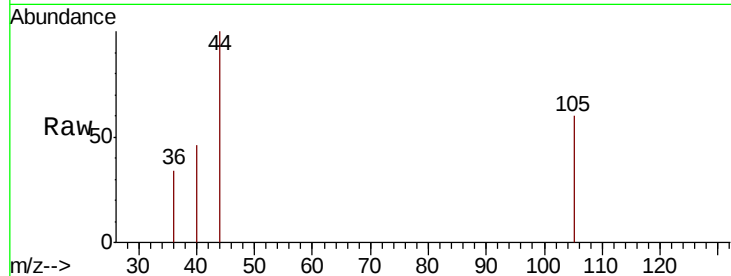




#62
 1,3,5-Trimethylbenzene
 Concen: 0.018 ug/L
 RT: 11.09 min Scan# 3031
 Delta R.T. 0.00 min
 Lab File: VU040627.D
 Acq: 10 Oct 2020 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK208

Tot Ion:105 Resp: 118
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.6 58.0#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.029 ug/L
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040627.D
 Acq: 10 Oct 2020 11:37

Tgt Ion:105 Resp: 188
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.7 53.5#

