

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100720\
 Data File : VU040547.D
 Acq On : 07 Oct 2020 15:57
 Operator : SY/MD
 Sample : VU1007MBL04
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK211

Quant Time: Oct 08 01:20:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 01:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	263564	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	265054	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	122362	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	103066	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.06%
7) Chloroethane-d5	1.92	69	83479	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.58	63	153642	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
21) 2-Butanone-d5	4.64	46	214917	119.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.64%
24) Chloroform-d	5.08	84	189066	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.72	65	134917	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.75	84	367321	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.70	67	122616	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.91	98	314082	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%
43) trans-1,3-Dichloropropene-	8.19	79	57472	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.82%
47) 2-Hexanone-d5	8.64	63	136319	115.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.66%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	181047	49.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.14%
66) 1,2-Dichlorobenzene-d4	12.19	152	125992	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

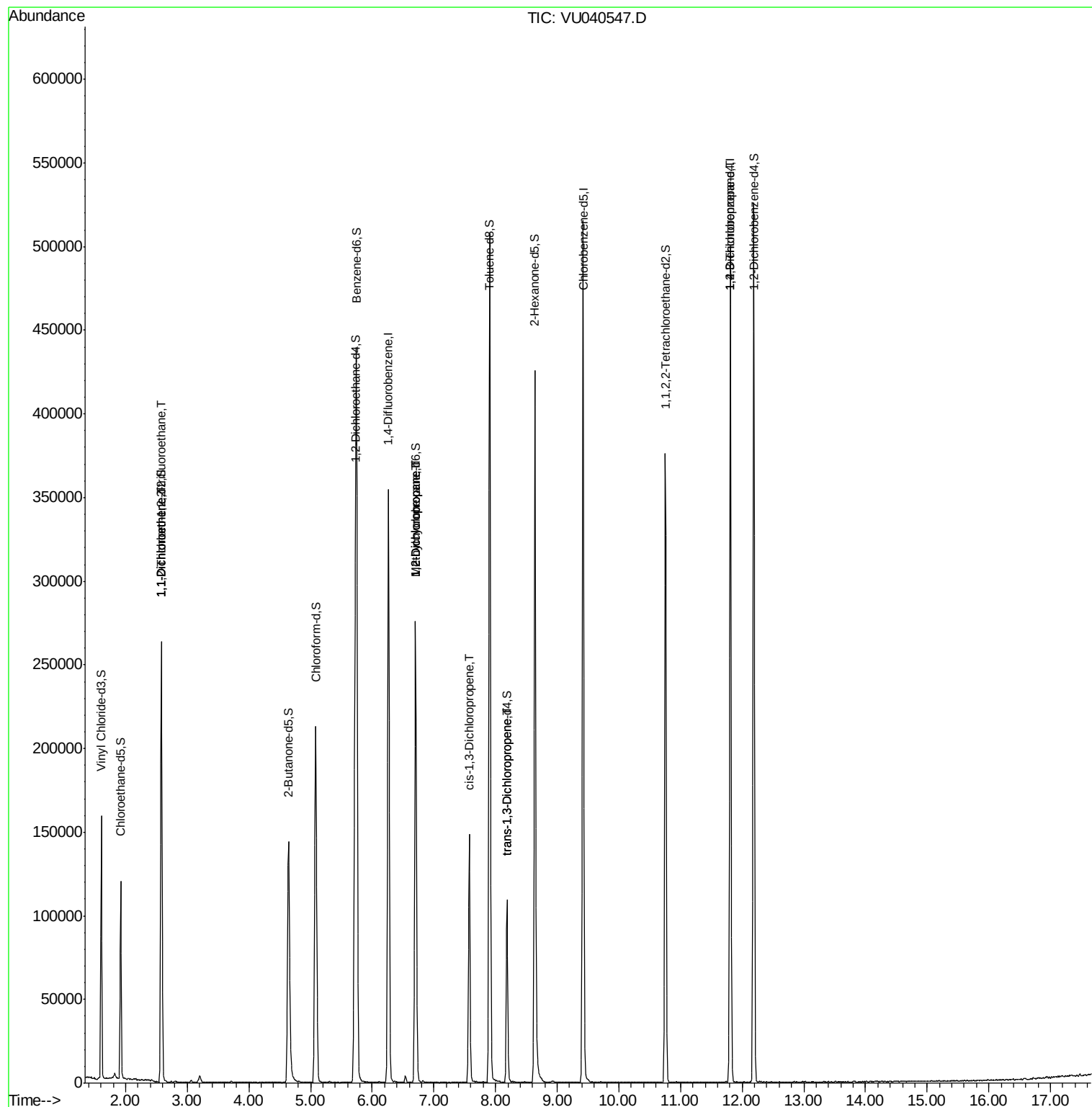
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	1394	0.690 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	1129	0.605 ug/L #	1
35) Methylcyclohexane	6.71	83	28360	8.452 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	14958	6.358 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	3763	1.091 ug/L #	60
44) trans-1,3-Dichloropropene	8.19	75	2761	0.795 ug/L	93
60) 1,2,3-Trichloropropane	11.81	75	16318	5.871 ug/L #	65

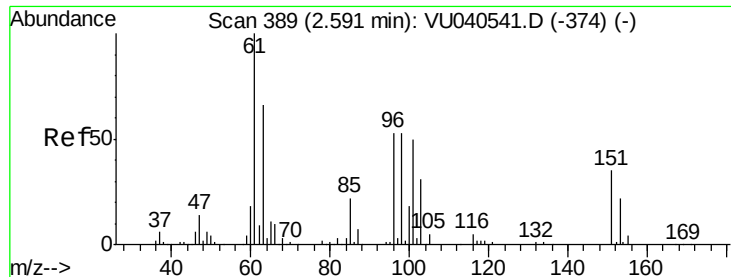
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 01:13:08 2020
Response via : Initial Calibration





#10

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

Concen: 0.690 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040547.D

Acq: 07 Oct 2020 15:57

Instrument :

MSVOA_U

ClientSampled :

VBLK211

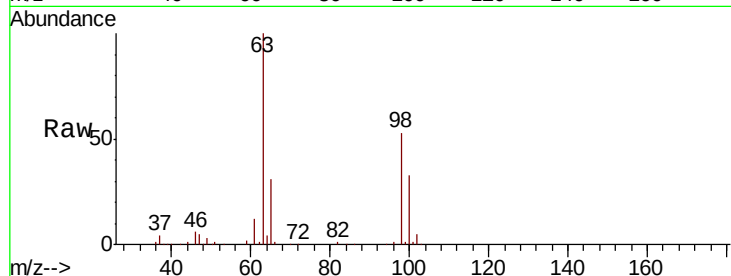
Tot Ion:101 Resp: 1394

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

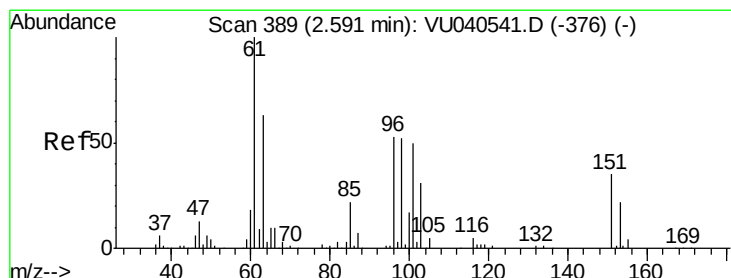
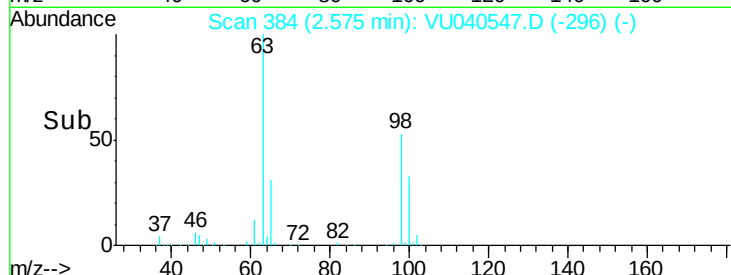
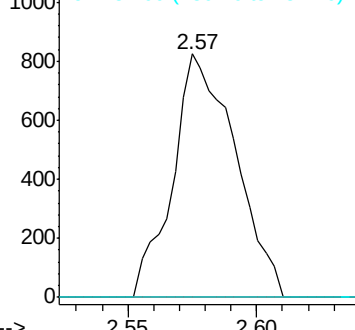
151 0.0 54.8 82.2#



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: 0.605 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040547.D

Acq: 07 Oct 2020 15:57

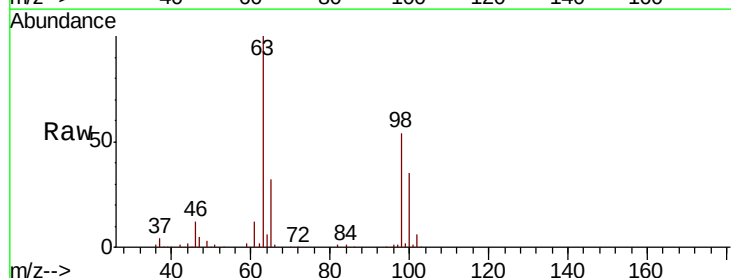
Tgt Ion: 96 Resp: 1129

Ion Ratio Lower Upper

96 100

61 1364.5 135.0 250.8#

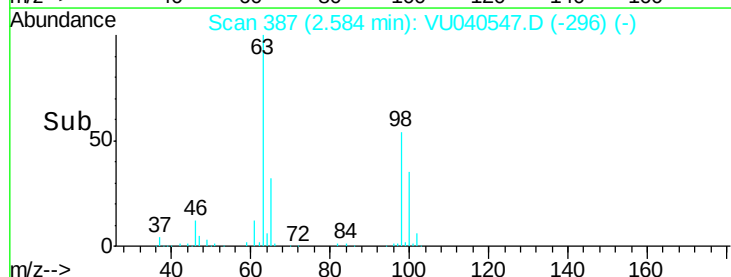
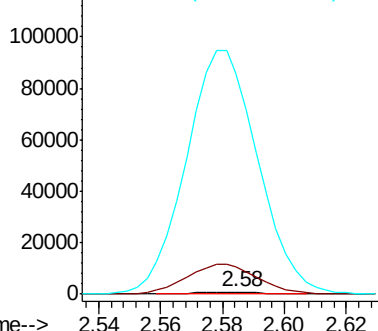
63 11066.2 101.4 188.2#

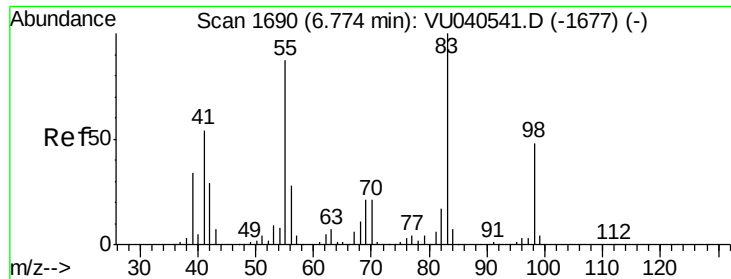


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

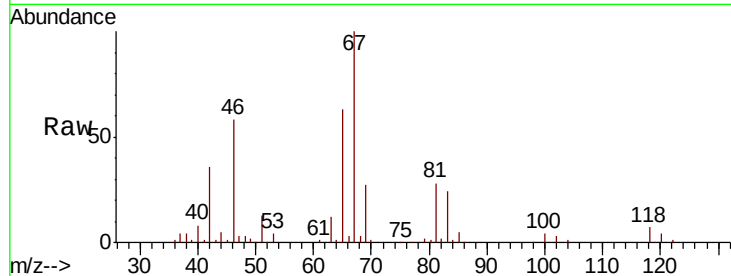




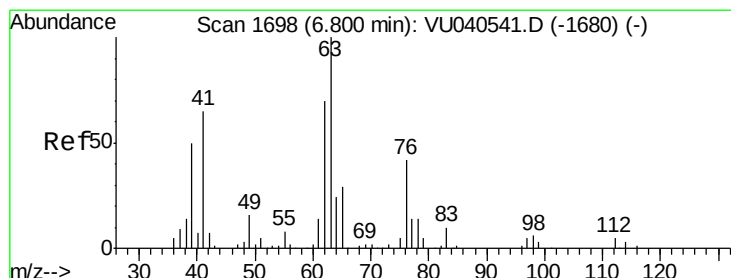
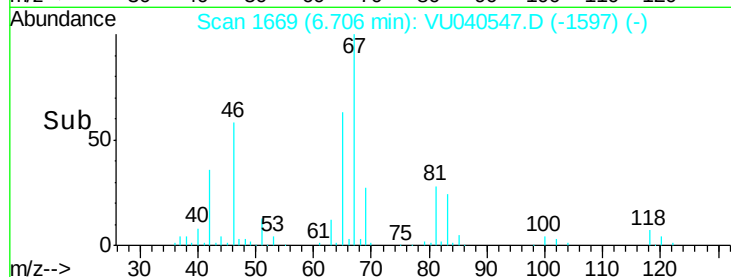
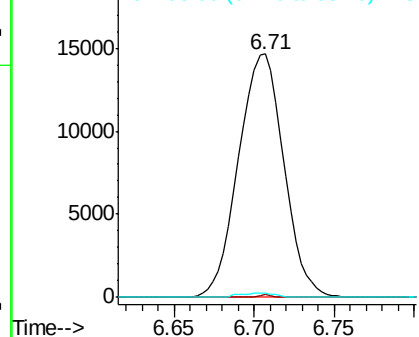
#35
Methylvlcyclohexane
Concen: 8.452 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU040547.D
Acq: 07 Oct 2020 15:57

Instrument :
MSVOA_U
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VBLK211

Tot Ion: 83 Resp: 28360
Ion Ratio Lower Upper
83 100
55 0.0 69.8 104.8#
98 1.2 39.1 58.7#

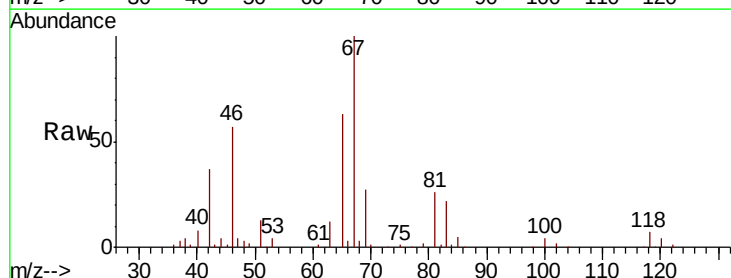


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

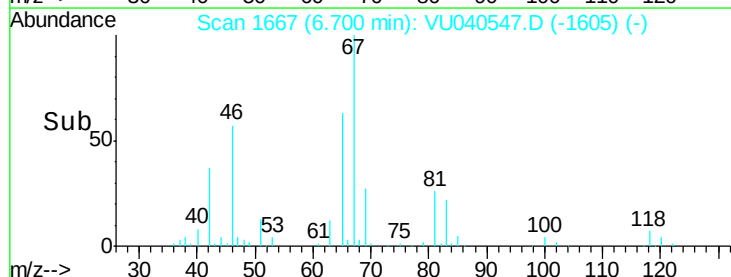
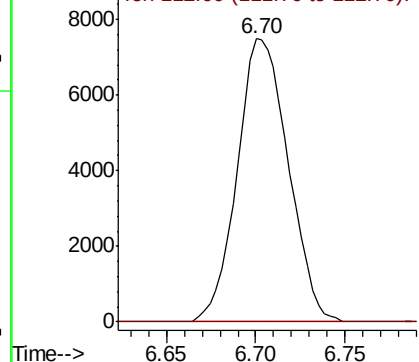


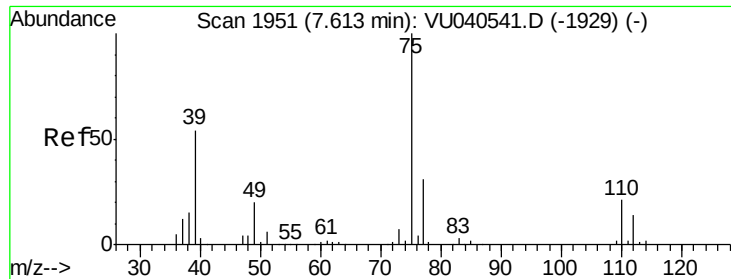
#37
1,2-Dichloropropane
Concen: 6.358 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040547.D
Acq: 07 Oct 2020 15:57

Tgt Ion: 63 Resp: 14958
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

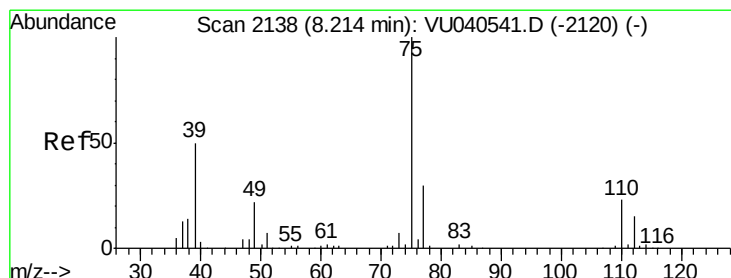
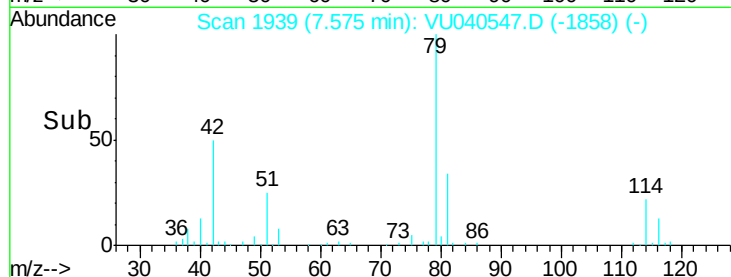
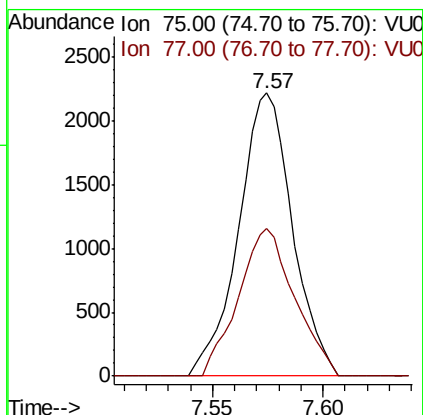
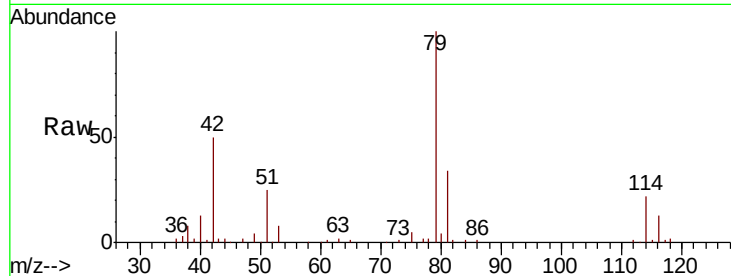




#39
 cis-1,3-Dichloropropene
 Concen: 1.091 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040547.D
 Acq: 07 Oct 2020 15:57

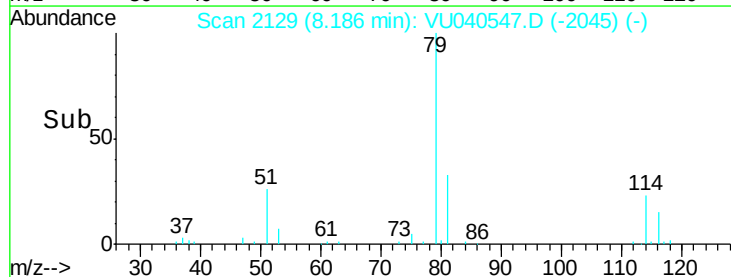
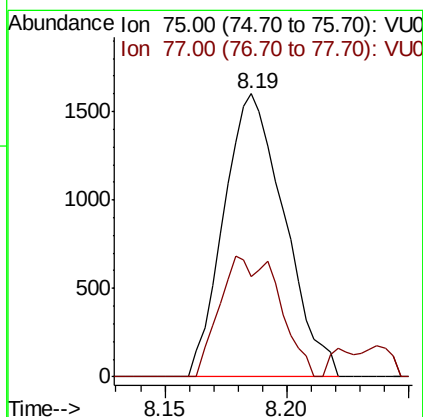
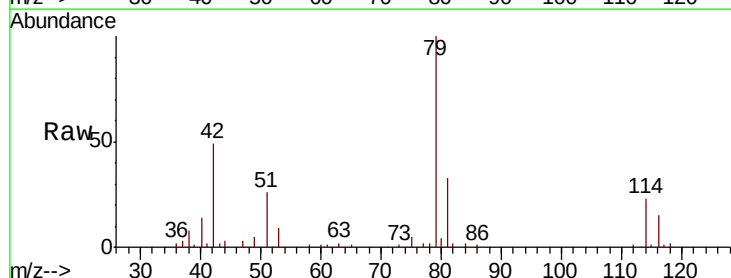
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK211

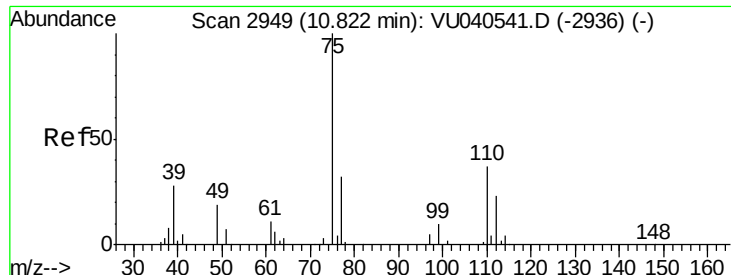
Tot Ion: 75 Resp: 3763
 Ion Ratio Lower Upper
 75 100
 77 52.3 21.4 39.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.795 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040547.D
 Acq: 07 Oct 2020 15:57

Tgt Ion: 75 Resp: 2761
 Ion Ratio Lower Upper
 75 100
 77 35.6 22.1 41.1





#60

1,2,3-Trichloropropane

Concen: 5.871 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040547.D

Acq: 07 Oct 2020 15:57

Instrument :

MSVOA_U

ClientSampleId :

VBLK211

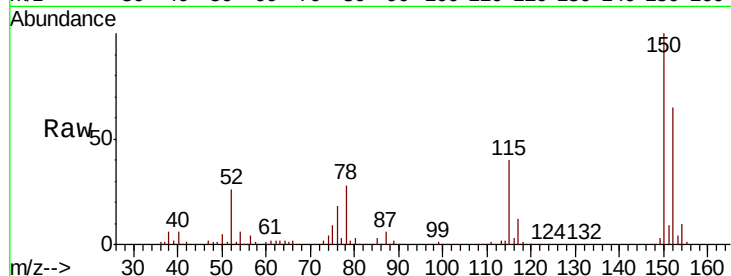
Tot Ion: 75 Resp: 16318

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

110 2.9 30.1 45.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

