

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100620\
 Data File : VU040533.D
 Acq On : 06 Oct 2020 18:15
 Operator : SY/MD
 Sample : VU1006MBL02
 Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TEST

Quant Time: Oct 07 15:18:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 08:04:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	278288	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	276942	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	121564	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	108129	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.48%
7) Chloroethane-d5	1.92	69	86611	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.58	63	157963	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	4.64	46	199848	105.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.37%
24) Chloroform-d	5.08	84	196599	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
26) 1,2-Dichloroethane-d4	5.72	65	143748	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.75	84	383313	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.70	67	128719	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.91	98	332634	46.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.10%
43) trans-1,3-Dichloropropene-	8.19	79	63297	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.64	63	128544	104.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.38%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	181131	47.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.94%
66) 1,2-Dichlorobenzene-d4	12.19	152	127170	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

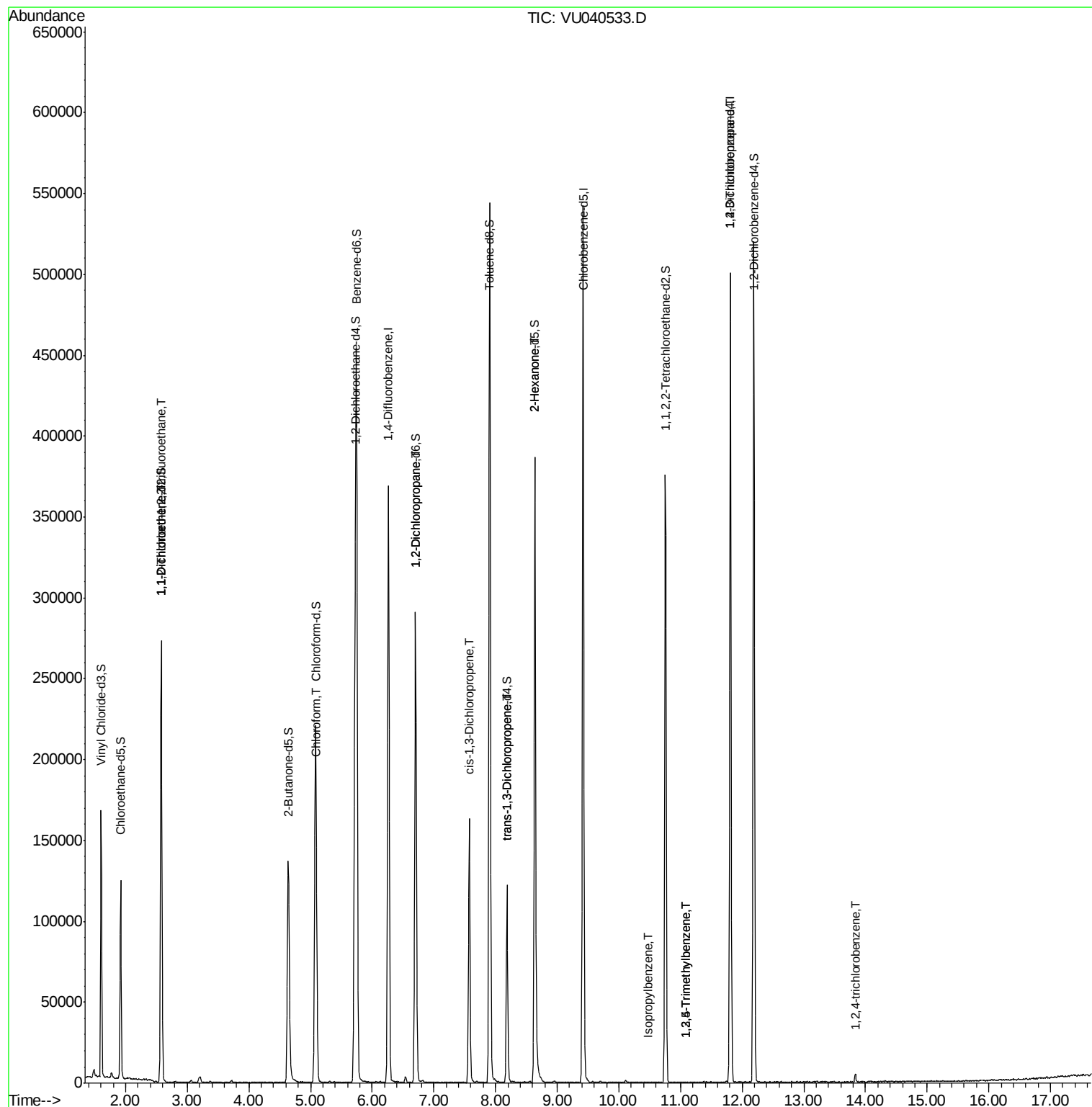
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1449	0.680	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	1188	0.603	ug/L #	1
25) Chloroform	5.10	83	3590	0.841	ug/L	98
37) 1,2-Dichloropropane	6.70	63	14504	5.900	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	4191	1.163	ug/L #	74
44) trans-1,3-Dichloropropene	8.19	75	3043	0.839	ug/L #	83
48) 2-Hexanone	8.64	43	16688	5.294	ug/L #	72
60) 1,2,3-Trichloropropane	11.81	75	16987	6.152	ug/L #	66
61) Isopropylbenzene	10.48	105	132	0.016	ug/L #	54
62) 1,3,5-Trimethylbenzene	11.09	105	42	0.006	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.09	105	42	0.006	ug/L #	31
70) 1,2,4-trichlorobenzene	13.83	180	1795	0.794	ug/L #	83

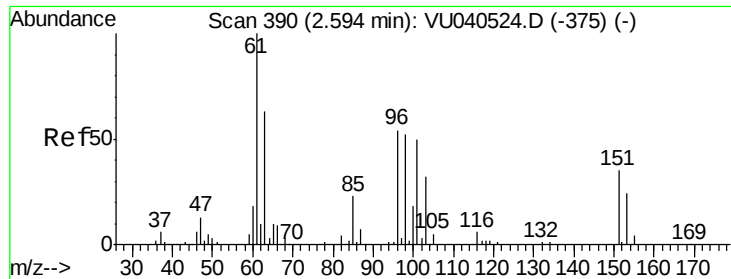
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.680 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040533.D

Acq: 06 Oct 2020 18:15

Instrument :

MSVOA_U

ClientSampleId :

TEST

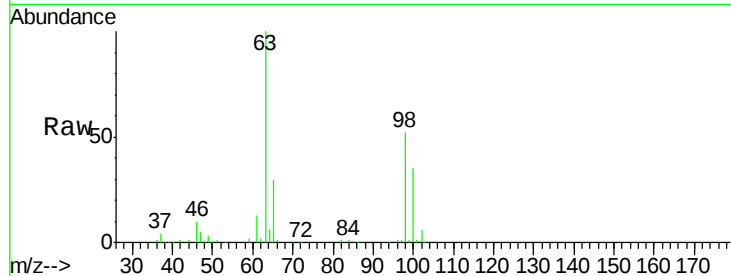
Tgt Ion:101 Resp: 1449

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

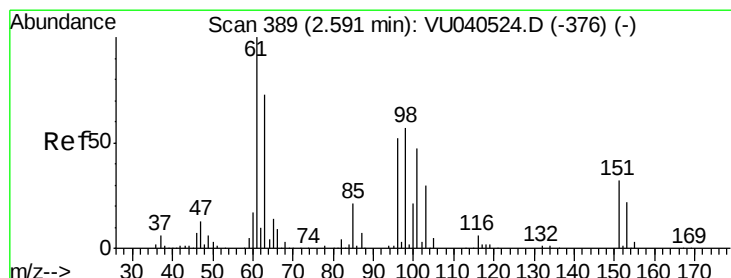
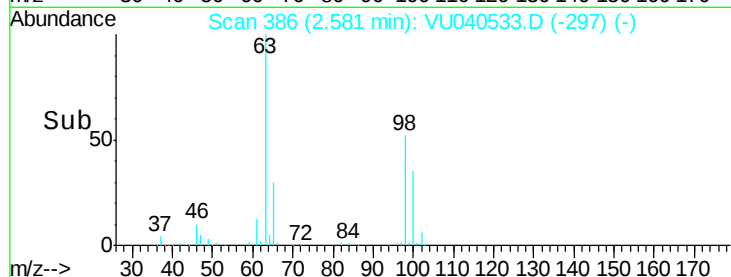
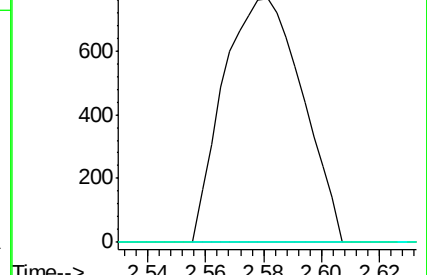
151 0.0 54.8 82.2#



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# 385

Delta R.T. -0.01 min

Lab File: VU040533.D

Acq: 06 Oct 2020 18:15

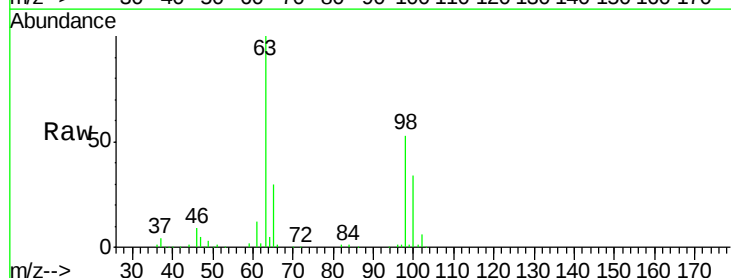
Tgt Ion: 96 Resp: 1188

Ion Ratio Lower Upper

96 100

61 1732.5 135.0 250.8#

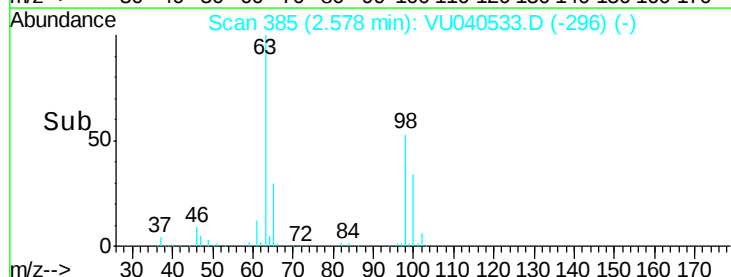
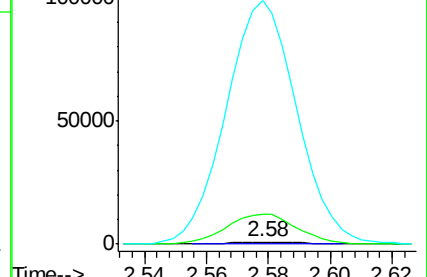
63 13917.7 101.4 188.2#

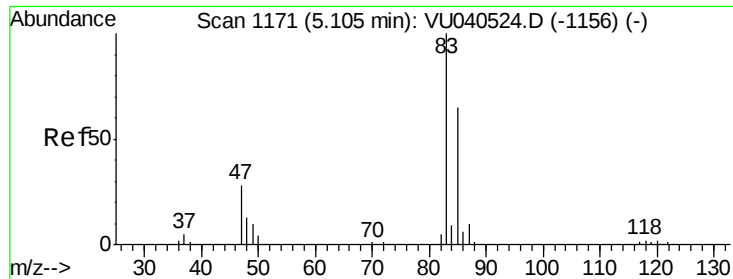


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

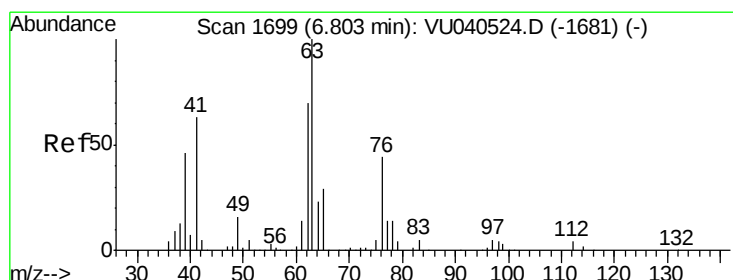
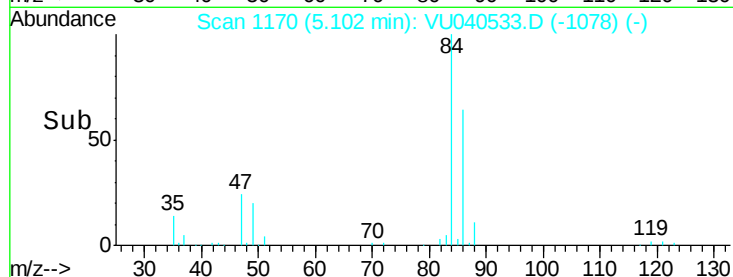
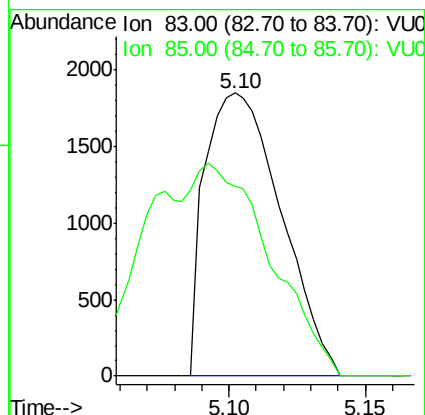
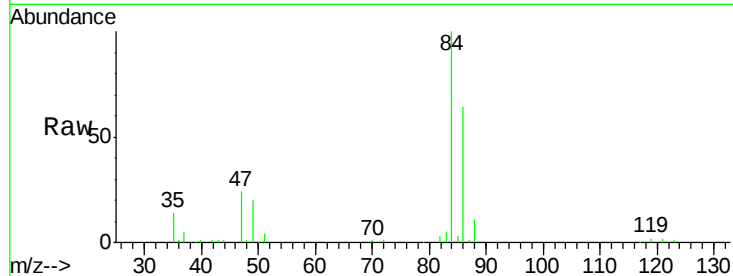




#25
Chloroform
Concen: 0.841 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040533.D
Acq: 06 Oct 2020 18:15

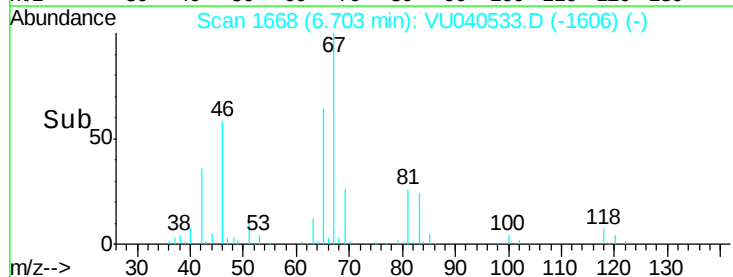
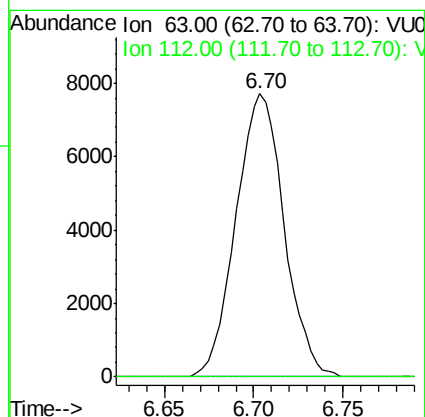
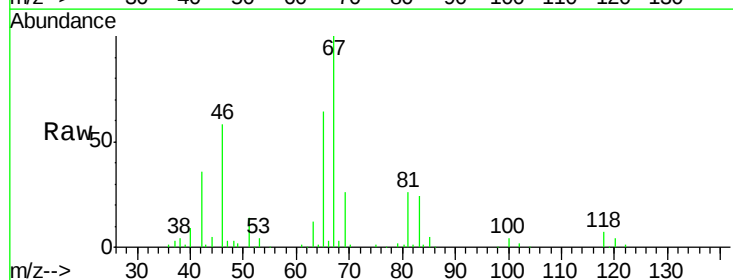
Instrument :
MSVOA_U
ClientSampleId :
TEST

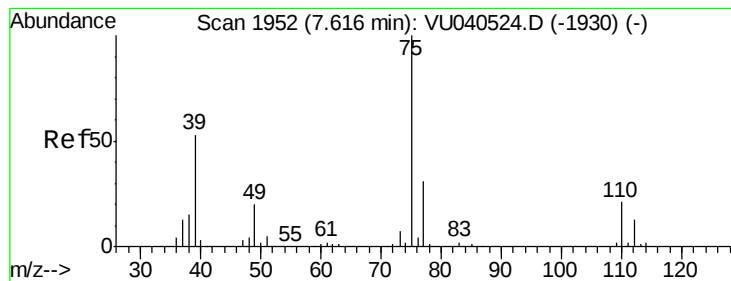
Tgt Ion: 83 Resp: 3590
Ion Ratio Lower Upper
83 100
85 67.0 45.6 84.8



#37
1,2-Dichloropropane
Concen: 5.900 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040533.D
Acq: 06 Oct 2020 18:15

Tgt Ion: 63 Resp: 14504
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



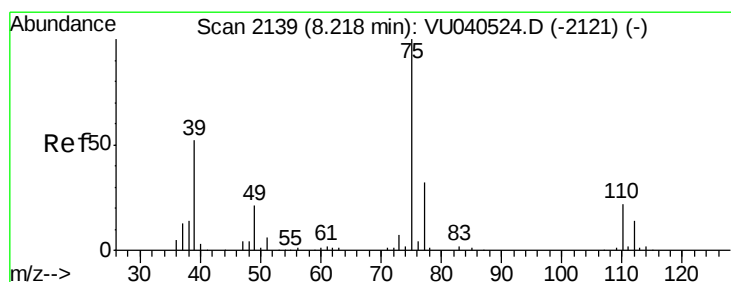
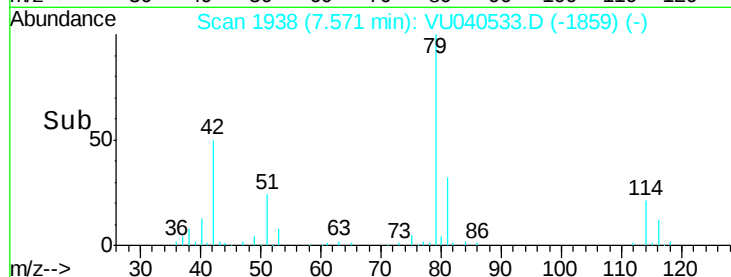
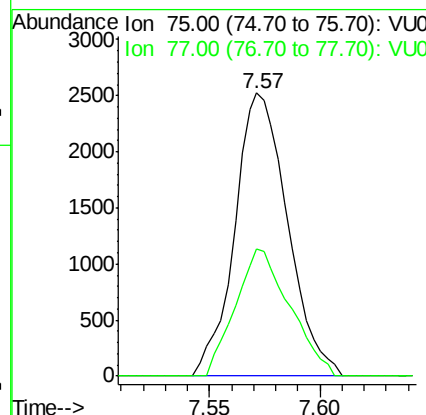
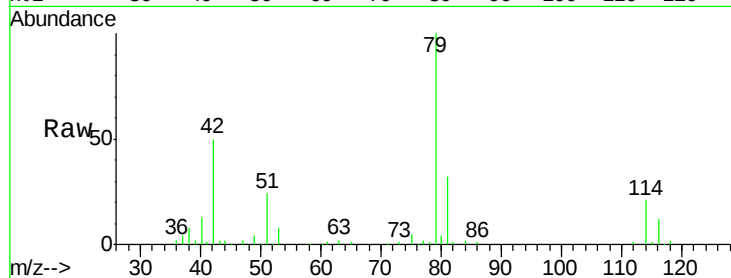


#39

cis-1,3-Dichloropropene
Concen: 1.163 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040533.D
Acq: 06 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
TEST

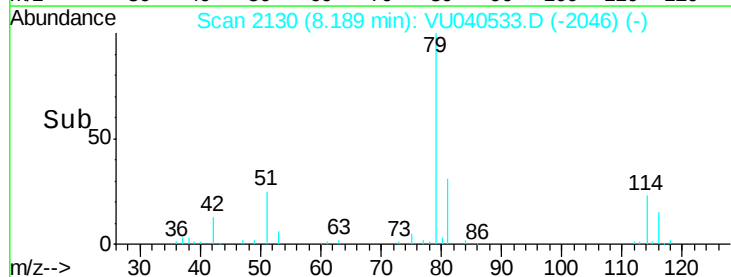
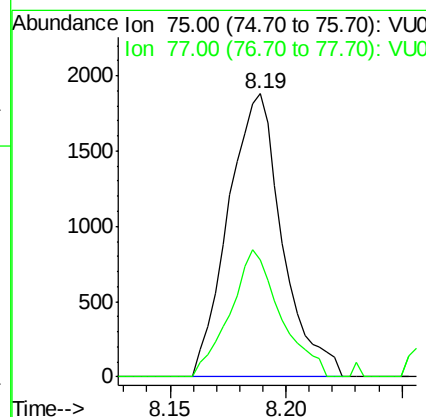
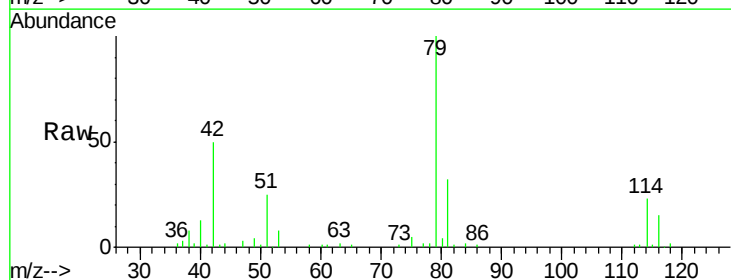
Tgt Ion: 75 Resp: 4191
Ion Ratio Lower Upper
75 100
77 44.8 21.4 39.8#

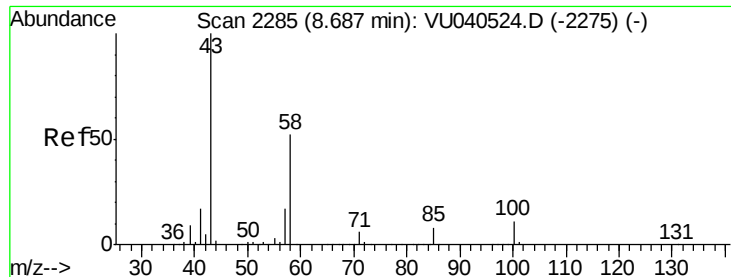


#44

trans-1,3-Dichloropropene
Concen: 0.839 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040533.D
Acq: 06 Oct 2020 18:15

Tgt Ion: 75 Resp: 3043
Ion Ratio Lower Upper
75 100
77 41.2 22.1 41.1#

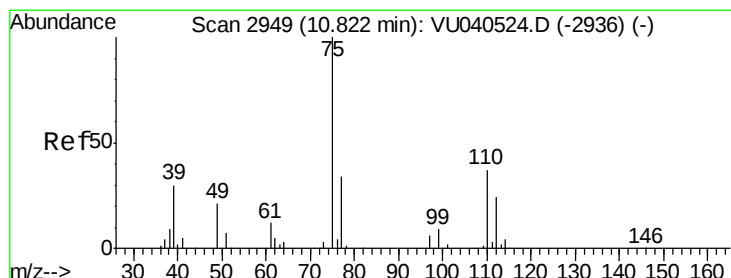
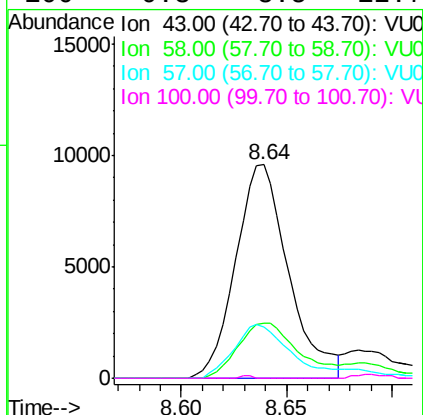
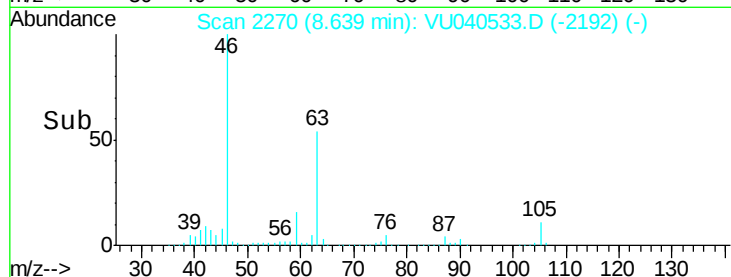
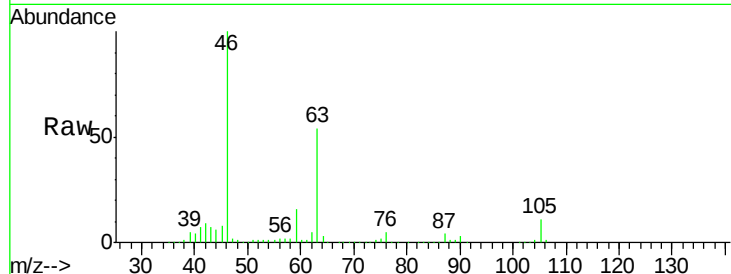




#48
 2-Hexanone
 Concen: 5.294 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040533.D
 Acq: 06 Oct 2020 18:15

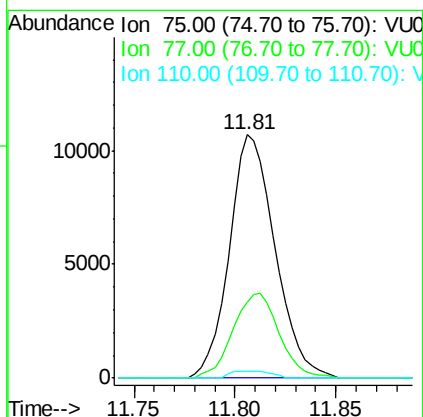
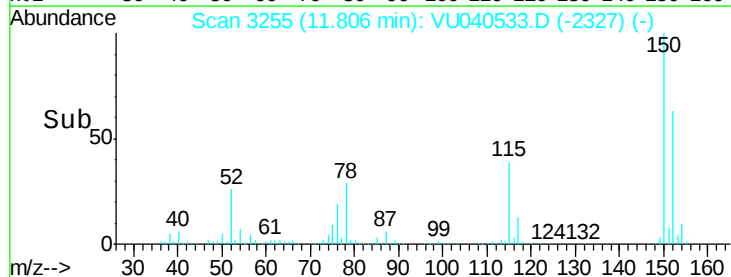
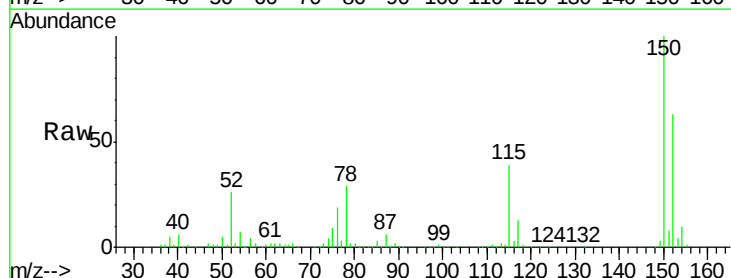
Instrument :
 MSVOA_U
 ClientSampled :
 TEST

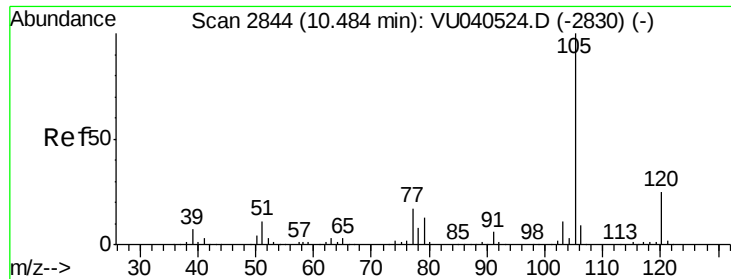
Tgt Ion: 43 Resp: 16688
 Ion Ratio Lower Upper
 43 100
 58 29.7 40.6 60.8#
 57 27.2 14.3 21.5#
 100 0.3 8.5 12.7#



#60
 1,2,3-Trichloropropane
 Concen: 6.152 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040533.D
 Acq: 06 Oct 2020 18:15

Tgt Ion: 75 Resp: 16987
 Ion Ratio Lower Upper
 75 100
 77 35.2 26.4 39.6
 110 1.2 30.1 45.1#





#61

Isopropylbenzene

Concen: 0.016 ug/L

RT: 10.48 min Scan# 2842

Delta R.T. -0.01 min

Lab File: VU040533.D

Acq: 06 Oct 2020 18:15

Instrument :

MSVOA_U

ClientSampled :

TEST

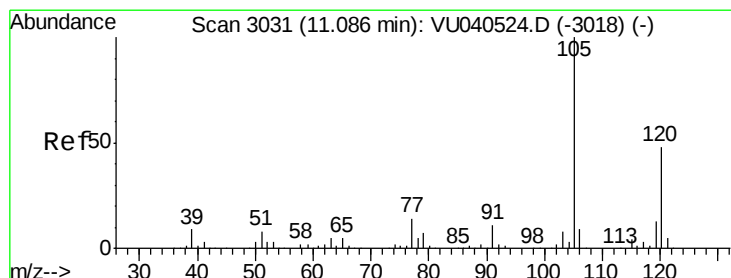
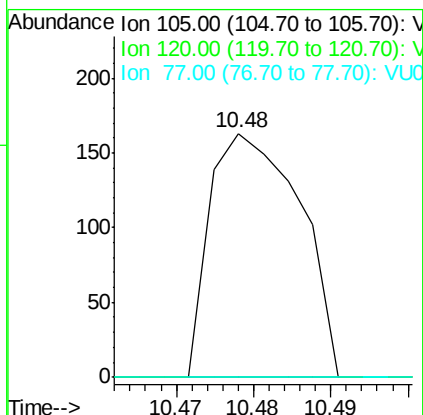
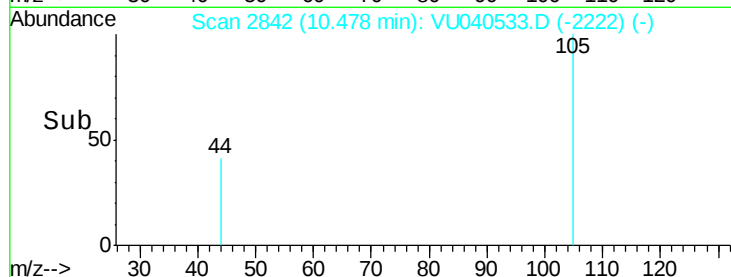
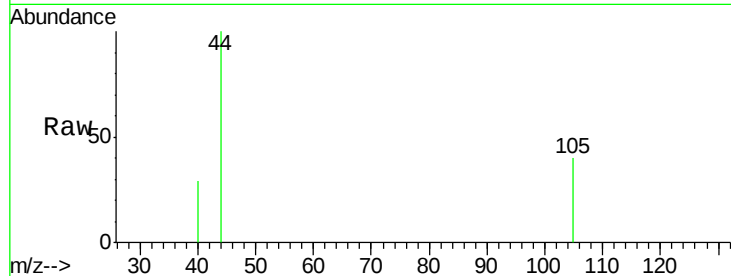
Tgt Ion:105 Resp: 132

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#

77 0.0 13.8 20.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.006 ug/L

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040533.D

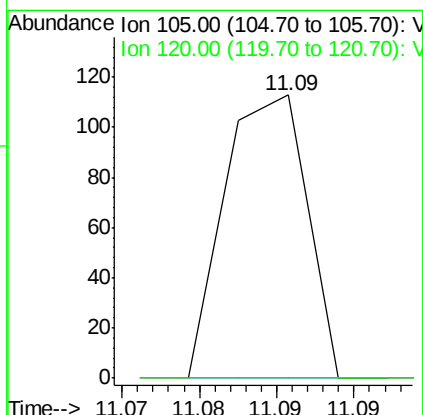
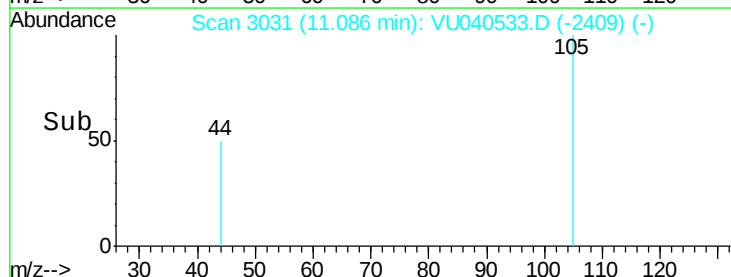
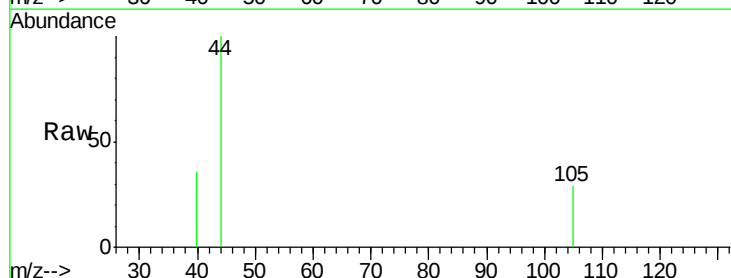
Acq: 06 Oct 2020 18:15

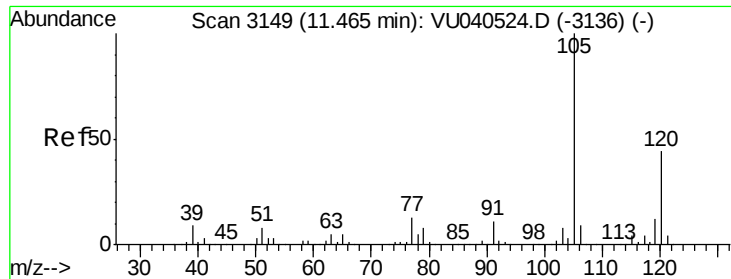
Tgt Ion:105 Resp: 42

Ion Ratio Lower Upper

105 100

120 0.0 38.6 58.0#

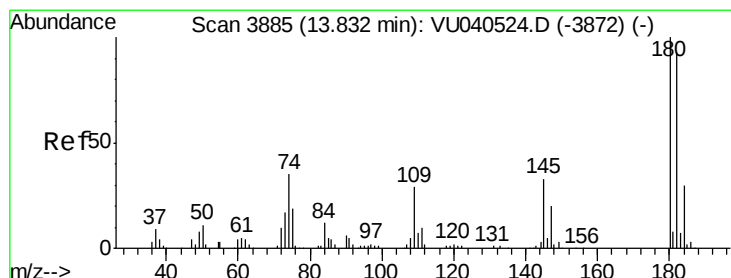
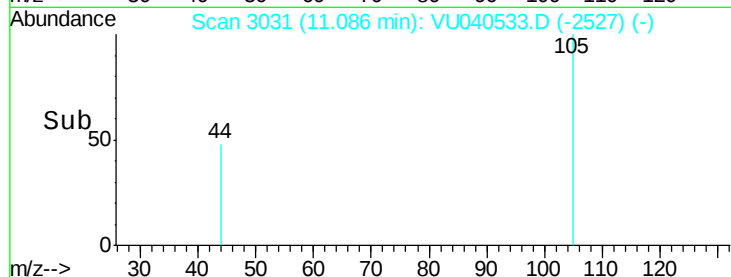
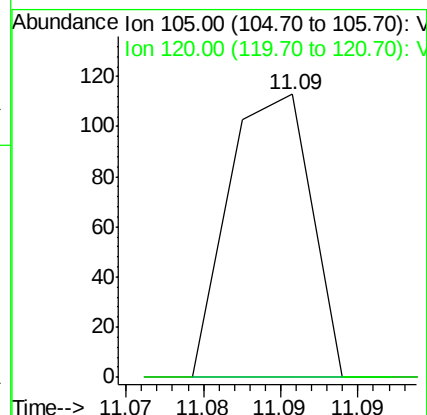
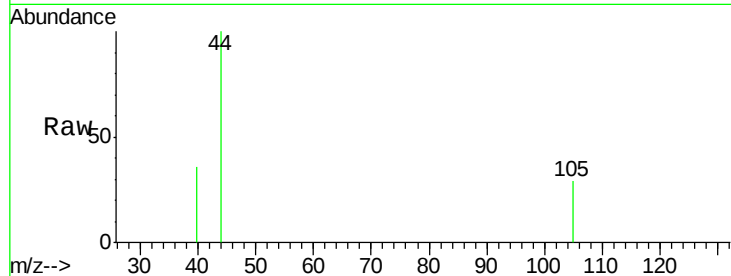




#63
 1,2,4-Trimethylbenzene
 Concen: 0.006 ug/L
 RT: 11.09 min Scan# 3031
 Delta R.T. -0.38 min
 Lab File: VU040533.D
 Acq: 06 Oct 2020 18:15

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:105 Resp: 42
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.7 53.5#



#70
 1,2,4-trichlorobenzene
 Concen: 0.794 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU040533.D
 Acq: 06 Oct 2020 18:15

Tgt Ion:180 Resp: 1795
 Ion Ratio Lower Upper
 180 100
 182 106.6 75.0 112.6
 145 17.8 25.9 38.9#

