

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040940.D
 Acq On : 26 Oct 2020 13:37
 Operator : SY/MD
 Sample : VU1026WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK08

Quant Time: Oct 27 03:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	63287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26637	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.92	69	21284	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.58	63	39990	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.67	46	91812	52.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.98%
24) Chloroform-d	5.08	84	45956	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	28251	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.74	84	86058	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.70	67	28898	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	69601	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	11570	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.64	63	63919	49.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24650	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	25252	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

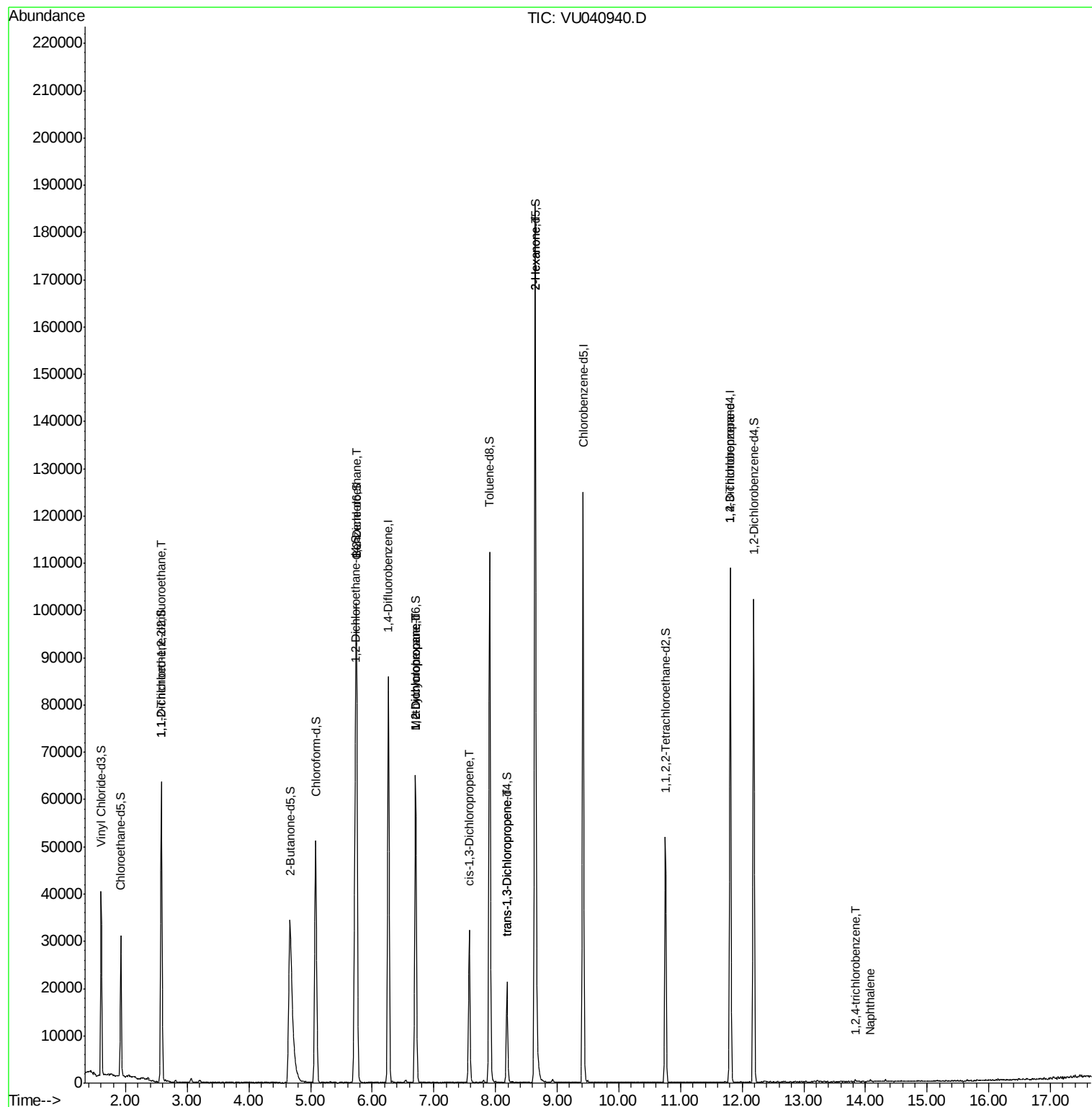
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	329	0.070	ug/L #	22
27) 1,2-Dichloroethane	5.75	62	498	0.073	ug/L #	74
35) Methylcyclohexane	6.70	83	6400	0.892	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3169	0.619	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	848	0.120	ug/L #	57
44) trans-1,3-Dichloropropene	8.19	75	517	0.078	ug/L #	88
48) 2-Hexanone	8.64	43	8387	2.730	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	3447	0.904	ug/L #	88
68) 1,2,4-trichlorobenzene	13.83	180	199	0.046	ug/L #	52
69) Naphthalene	14.08	128	448	0.058	ug/L #	69

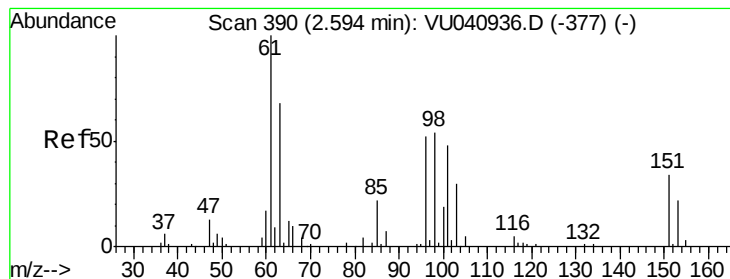
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.070 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040940.D

Acq: 26 Oct 2020 13:37

Instrument :

MSVOA_U

ClientSampled :

VBLK08

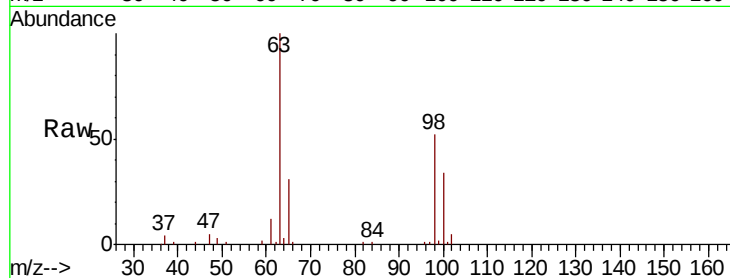
Tot Ion:101 Resp: 329

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



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

2.58

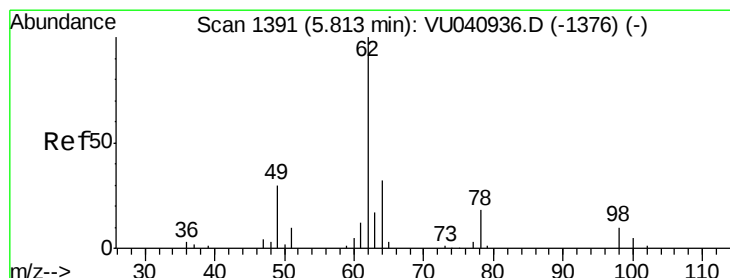
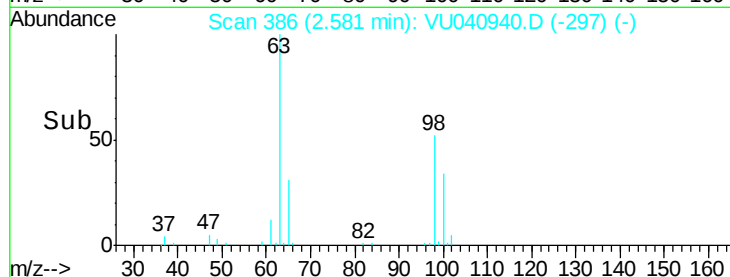
200

100

0

2.56 2.58 2.60

Time-->



#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.06 min

Lab File: VU040940.D

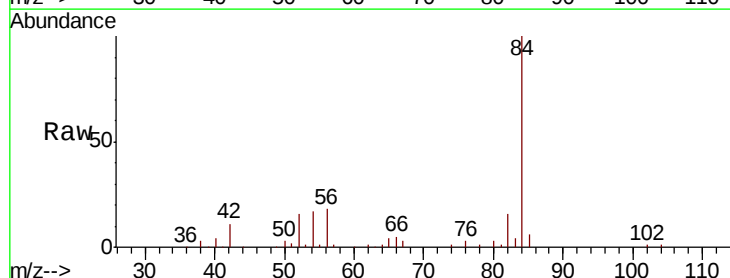
Acq: 26 Oct 2020 13:37

Tgt Ion: 62 Resp: 498

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

5.75

300

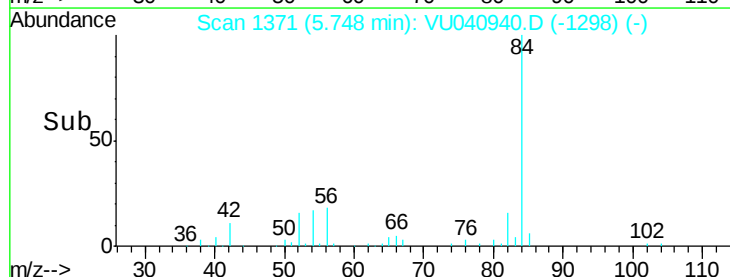
200

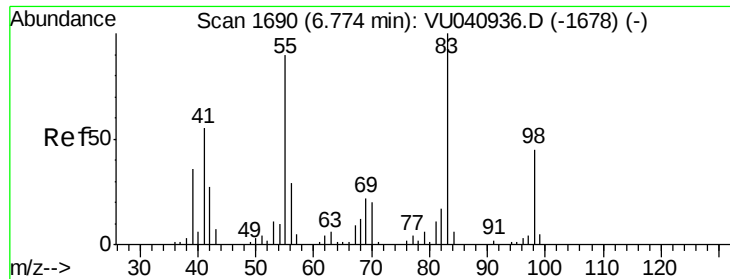
100

0

5.70 5.72 5.74 5.76 5.78

Time-->

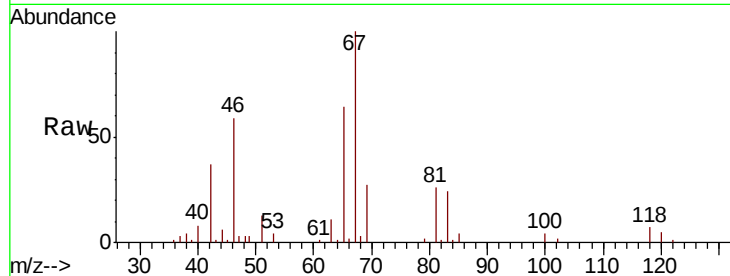




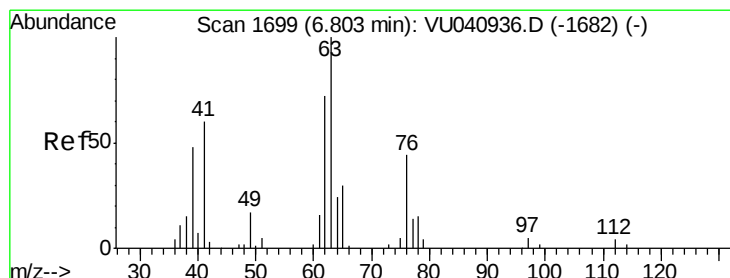
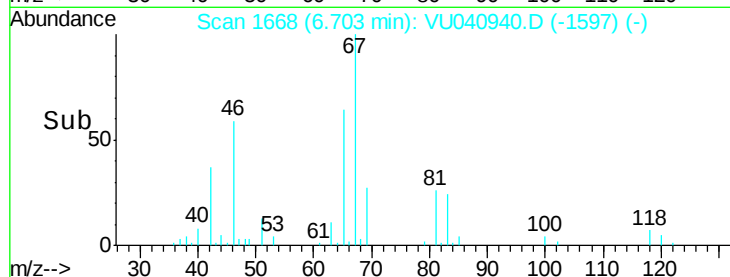
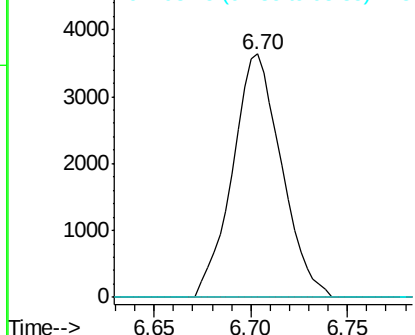
#35
Methvlcvclohexane
Concen: 0.892 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040940.D
Acq: 26 Oct 2020 13:37

Instrument :
MSVOA_U
ClientSampleId :
VBLK08

Tot Ion: 83 Resp: 6400
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

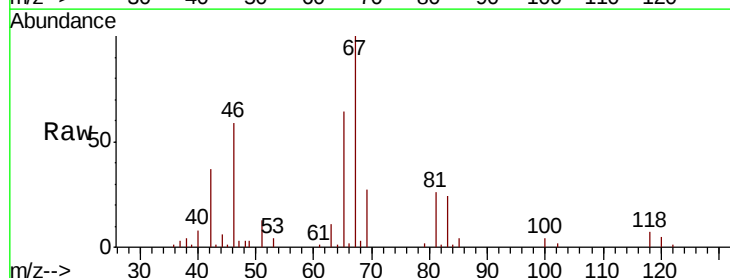


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

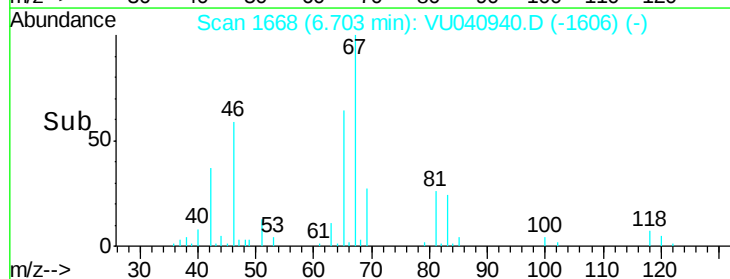
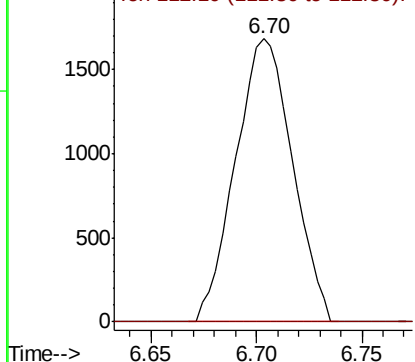


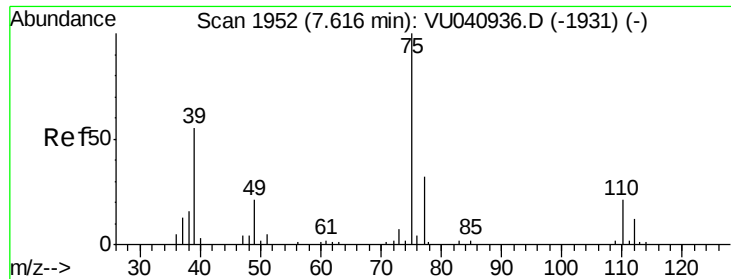
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040940.D
Acq: 26 Oct 2020 13:37

Tgt Ion: 63 Resp: 3169
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

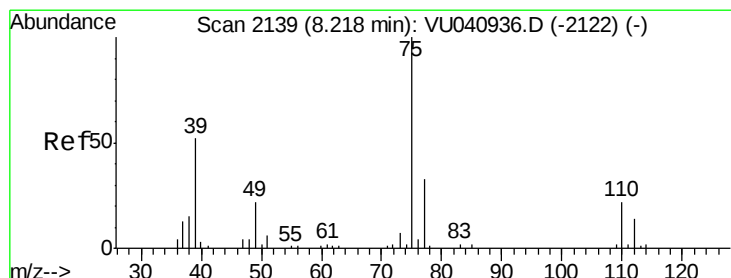
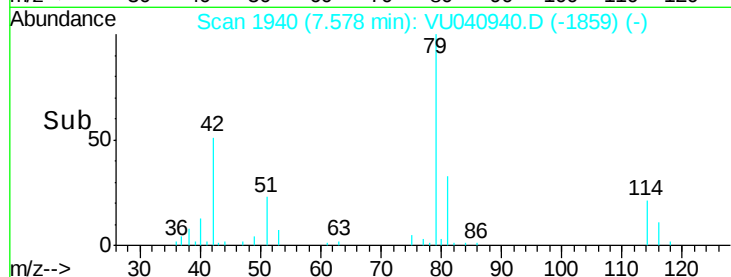
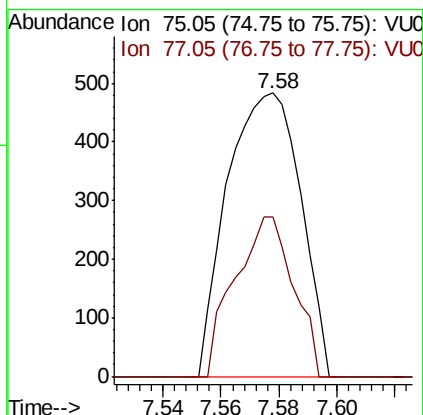
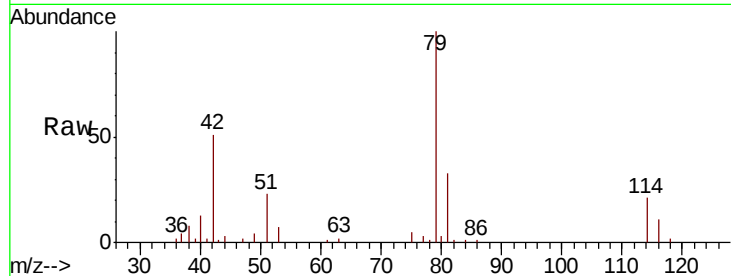




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040940.D
 Acq: 26 Oct 2020 13:37

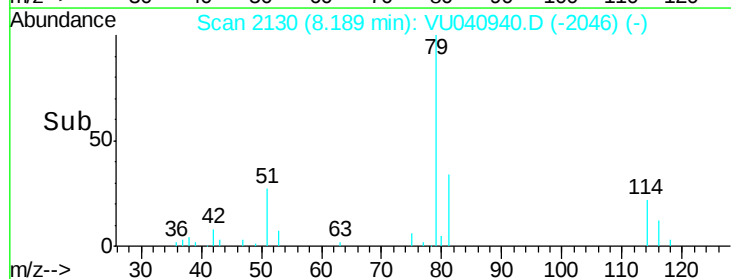
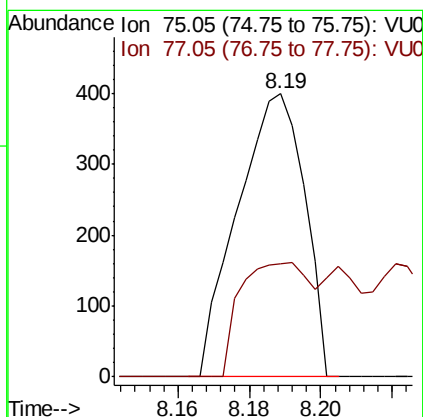
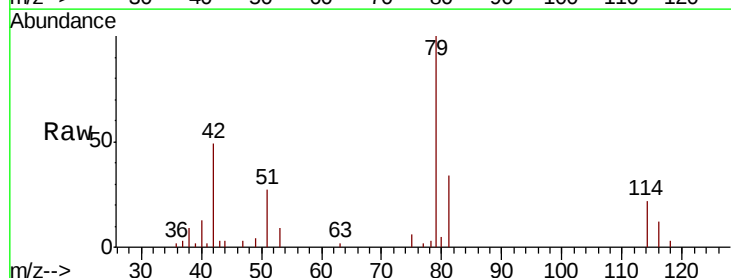
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK08

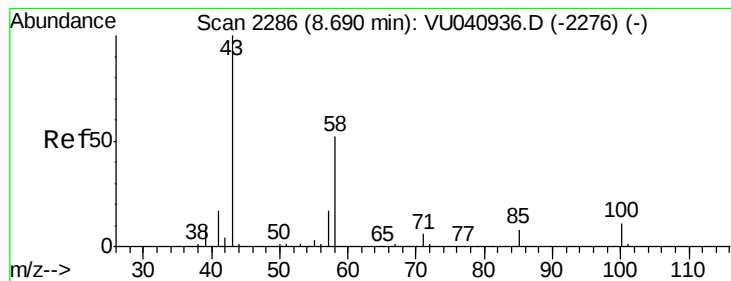
Tot Ion: 75 Resp: 848
 Ion Ratio Lower Upper
 75 100
 77 56.5 22.7 42.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 8.19 min Scan# 2130
 Delta R.T. -0.03 min
 Lab File: VU040940.D
 Acq: 26 Oct 2020 13:37

Tgt Ion: 75 Resp: 517
 Ion Ratio Lower Upper
 75 100
 77 40.1 23.3 43.3





#48

2-Hexanone

Concen: 2.730 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040940.D

Acq: 26 Oct 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

VBLK08

Tot Ion: 43 Resp: 8387

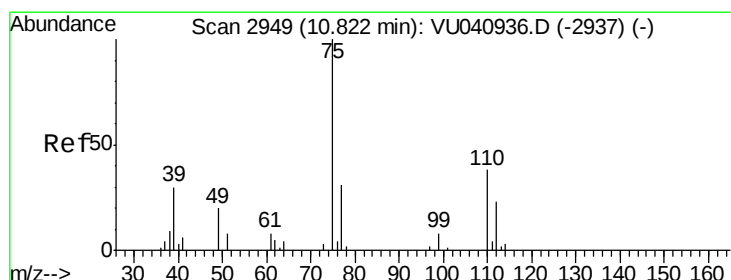
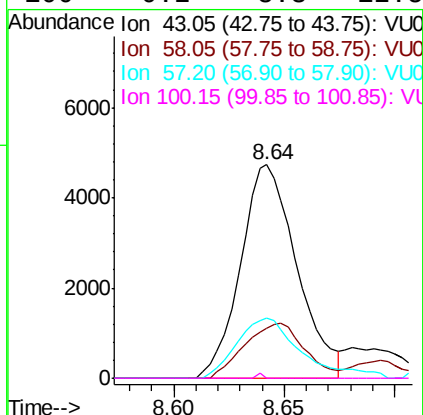
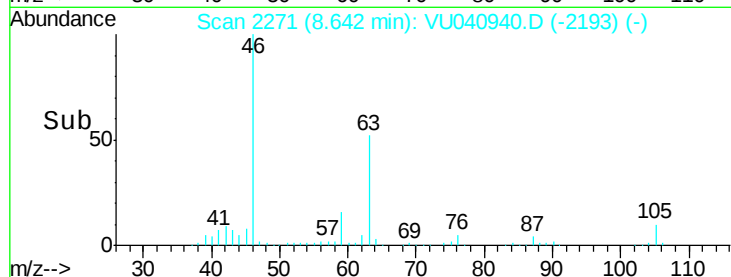
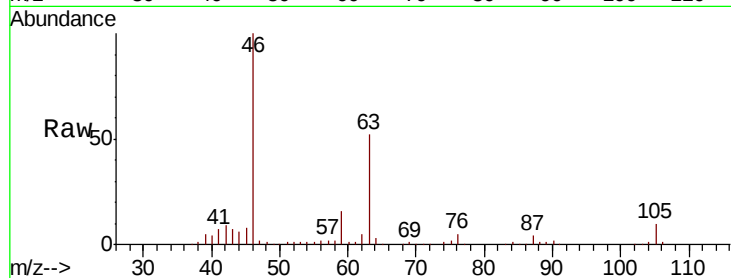
Ion Ratio Lower Upper

43 100

58 27.4 41.4 62.2#

57 32.3 14.6 21.8#

100 0.2 8.3 12.5#



#59

1,2,3-Trichloropropane

Concen: 0.904 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040940.D

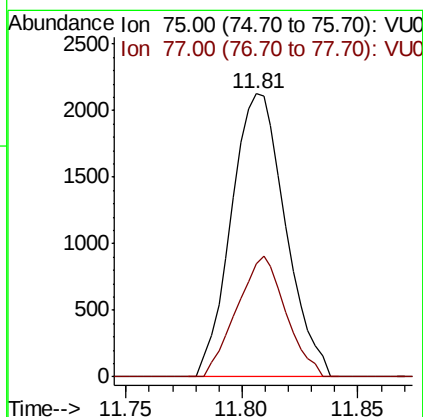
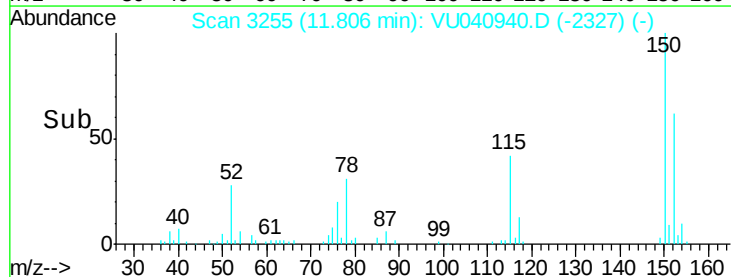
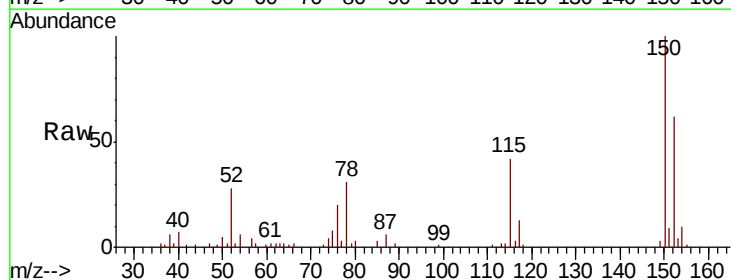
Acq: 26 Oct 2020 13:37

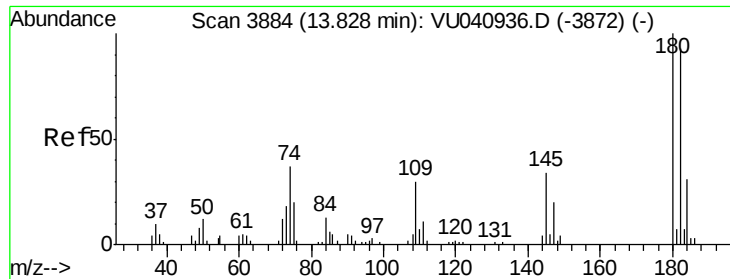
Tgt Ion: 75 Resp: 3447

Ion Ratio Lower Upper

75 100

77 38.6 25.7 38.5#

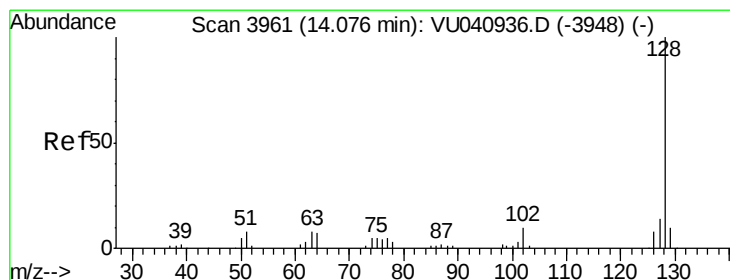
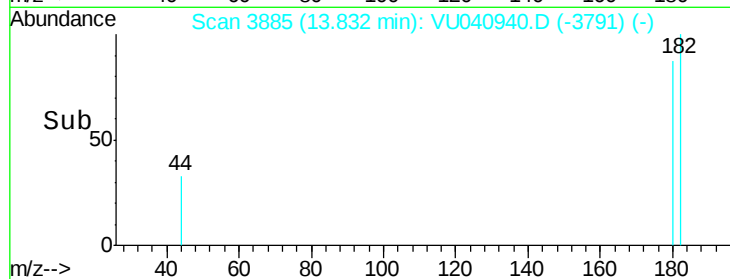
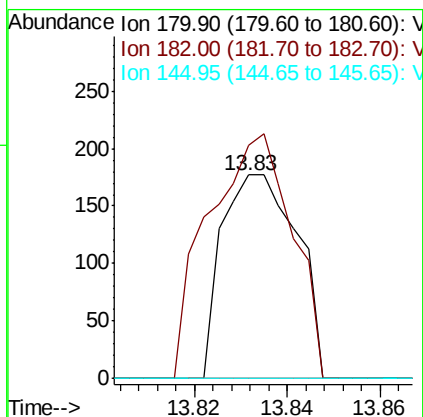
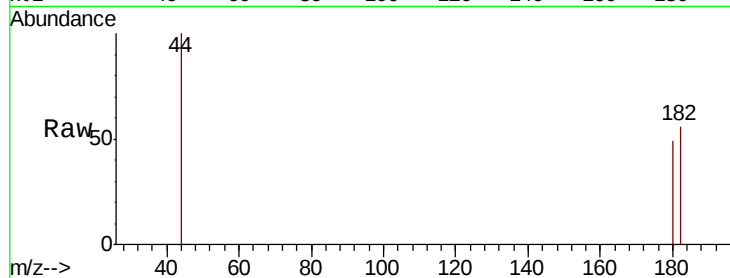




#68
 1,2,4-trichlorobenzene
 Concen: 0.046 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040940.D
 Acq: 26 Oct 2020 13:37

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 VBLK08

Tot Ion:180 Resp: 199
 Ion Ratio Lower Upper
 180 100
 182 133.7 73.5 110.3#
 145 0.0 26.6 40.0#



#69
 Naphthalene
 Concen: 0.058 ug/L
 RT: 14.08 min Scan# 3963
 Delta R.T. 0.01 min
 Lab File: VU040940.D
 Acq: 26 Oct 2020 13:37

Tgt Ion:128 Resp: 448
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 0.0 10.8 16.2#

