

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040353.D
 Acq On : 29 Sep 2020 12:52
 Operator : SY/MD
 Sample : VU0929WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK16

Quant Time: Sep 30 01:51:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	137490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30847	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.92	69	28606	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	50209	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.65	46	167283	49.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	5.08	84	72708	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	46173	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.74	84	132452	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	46983	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.91	98	105814	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	19171	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	118148	48.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44781	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	48025	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

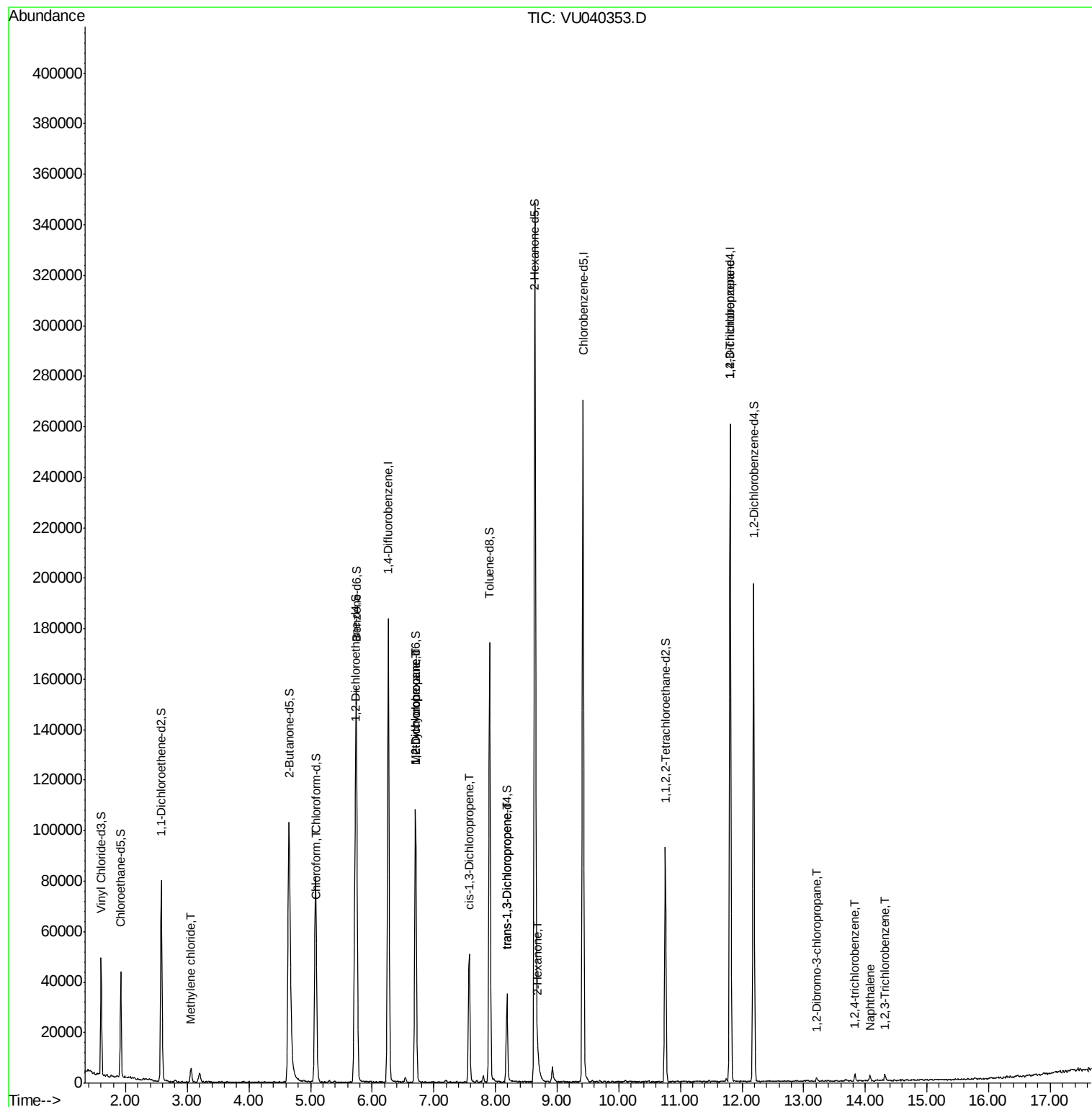
					Ovalue
16) Methylene chloride	3.06	84	2418	0.184	ug/L 92
25) Chloroform	5.11	83	2992	0.132	ug/L 96
35) Methylcyclohexane	6.70	83	11175	0.615	ug/L # 13
37) 1,2-Dichloropropane	6.70	63	5573	0.429	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1361	0.078	ug/L # 63
44) trans-1,3-Dichloropropene	8.19	75	936	0.058	ug/L # 82
48) 2-Hexanone	8.69	43	4122	0.550	ug/L # 80
59) 1,2,3-Trichloropropane	11.81	75	9448	1.003	ug/L 92
66) 1,2-Dibromo-3-chloropropan	13.21	75	121	0.066	ug/L # 10
68) 1,2,4-trichlorobenzene	13.83	180	1001	0.083	ug/L # 85
69) Naphthalene	14.08	128	2431	0.118	ug/L 95
70) 1,2,3-Trichlorobenzene	14.32	180	1015	0.092	ug/L # 94

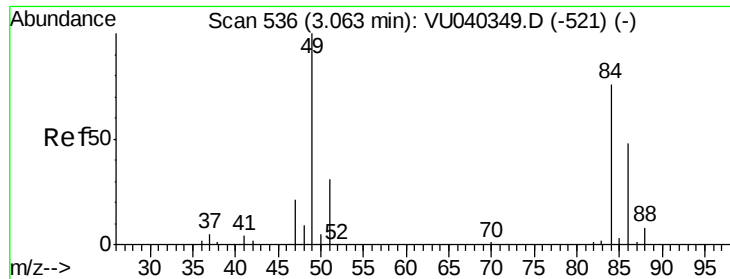
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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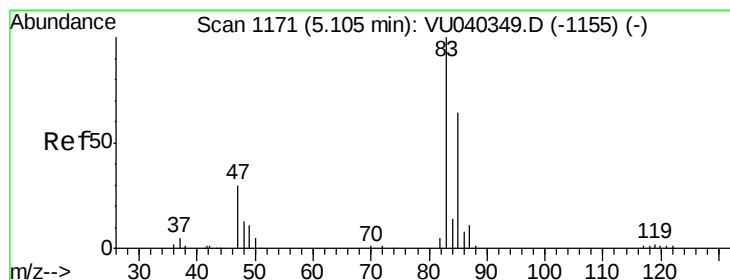
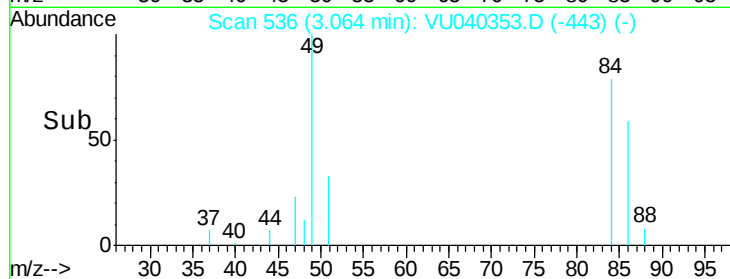
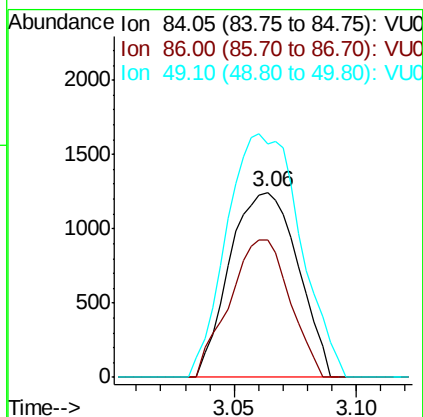
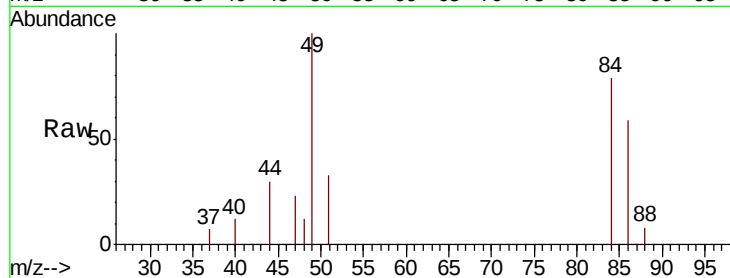




#16
Methylene chloride
Concen: 0.184 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040353.D
Acq: 29 Sep 2020 12:52

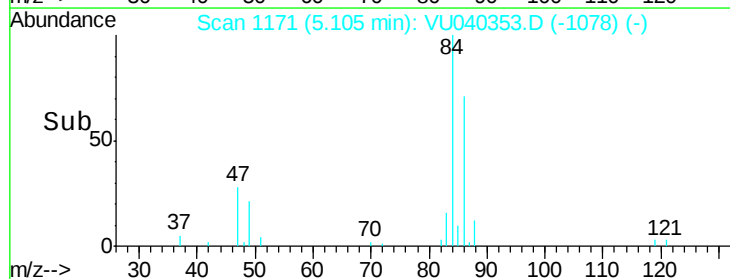
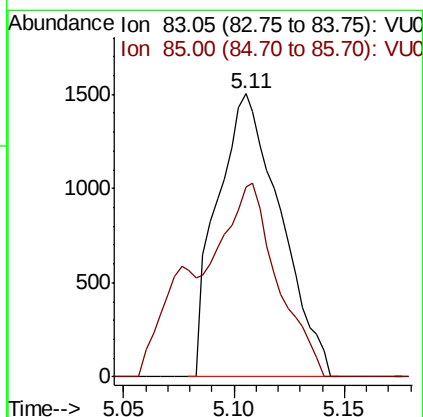
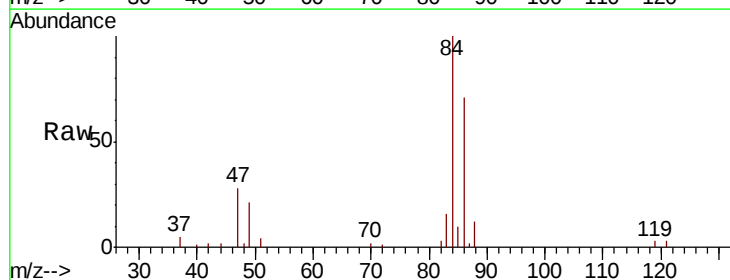
Instrument :
MSVOA_U
ClientSampleId :
VBLK16

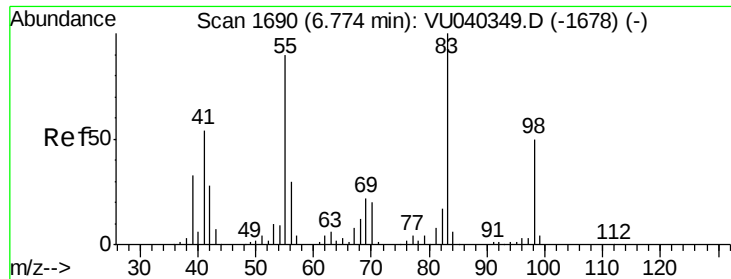
Tot Ion: 84 Resp: 2418
Ion Ratio Lower Upper
84 100
86 74.1 44.4 82.5
49 126.0 92.2 171.2



#25
Chloroform
Concen: 0.132 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040353.D
Acq: 29 Sep 2020 12:52

Tgt Ion: 83 Resp: 2992
Ion Ratio Lower Upper
83 100
85 67.1 44.6 82.8

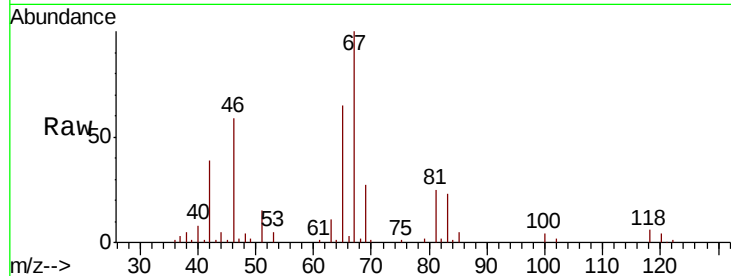




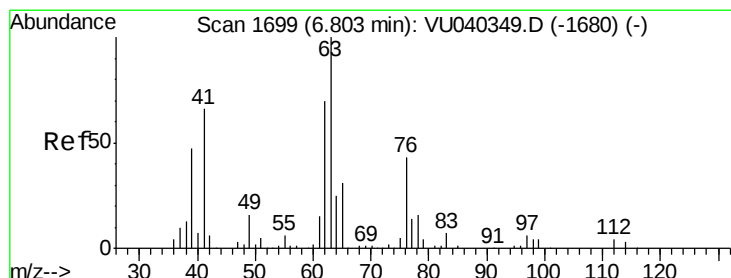
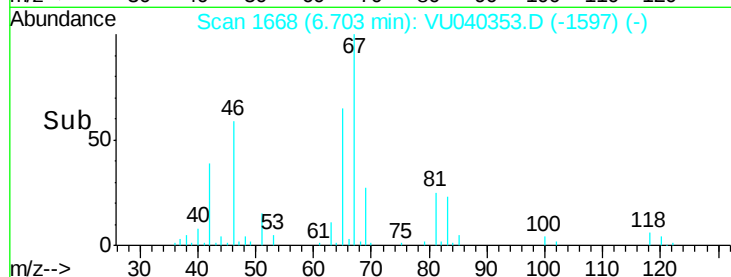
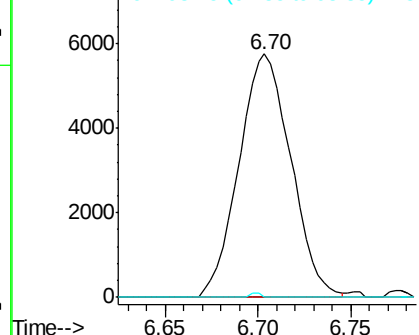
#35
Methvlcvclohexane
Concen: 0.615 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040353.D
Acq: 29 Sep 2020 12:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

Tot Ion: 83 Resp: 11175
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.4 38.5 57.7#

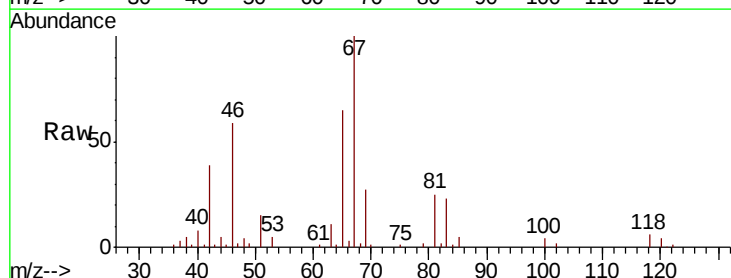


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

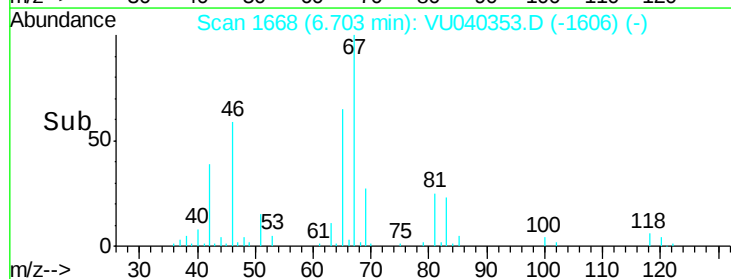
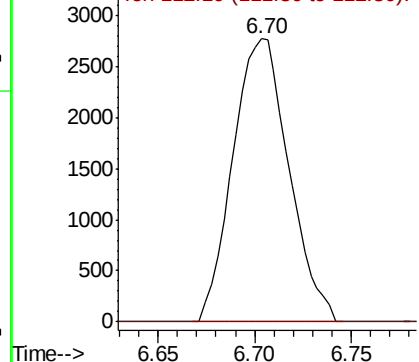


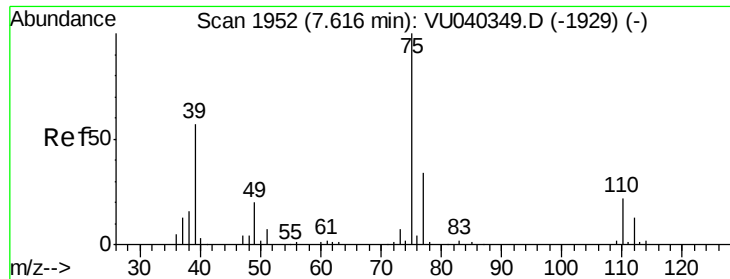
#37
1,2-Dichloropropane
Concen: 0.429 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040353.D
Acq: 29 Sep 2020 12:52

Tgt Ion: 63 Resp: 5573
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



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



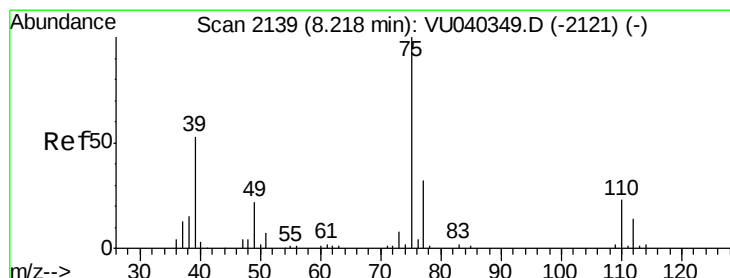
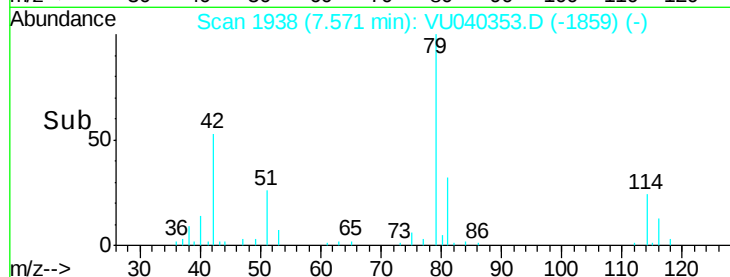
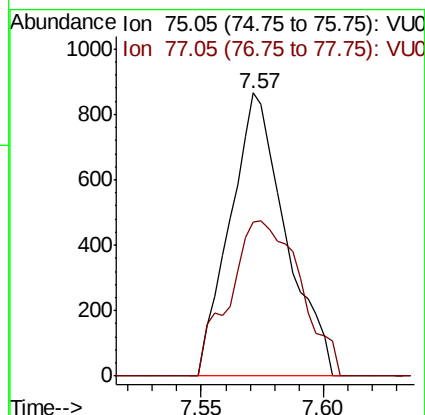
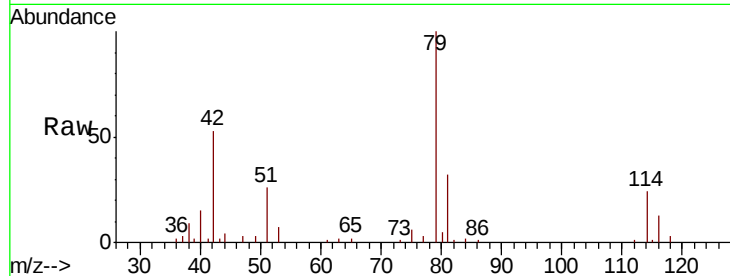


#39

cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040353.D
Acq: 29 Sep 2020 12:52

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

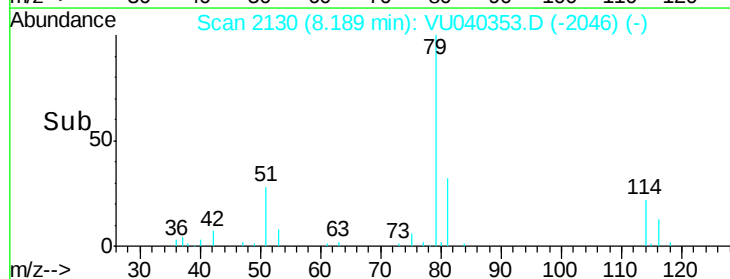
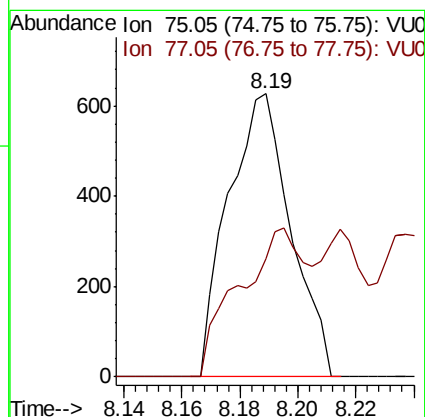
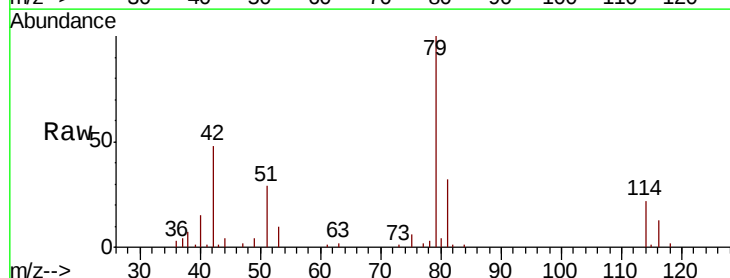
Tot Ion: 75 Resp: 1361
Ion Ratio Lower Upper
75 100
77 54.6 23.5 43.7#

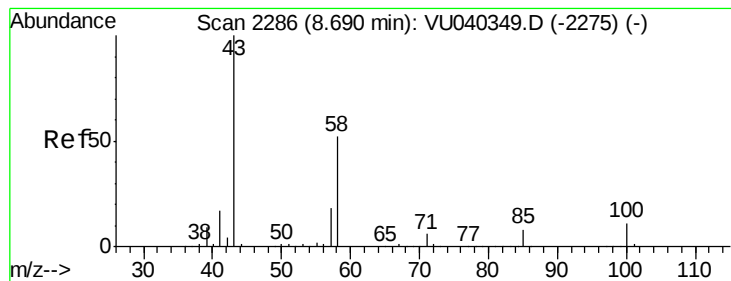


#44

trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040353.D
Acq: 29 Sep 2020 12:52

Tgt Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 41.9 22.3 41.3#





#48

2-Hexanone

Concen: 0.550 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU040353.D

Acq: 29 Sep 2020 12:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK16

Tot Ion: 43 Resp: 4122

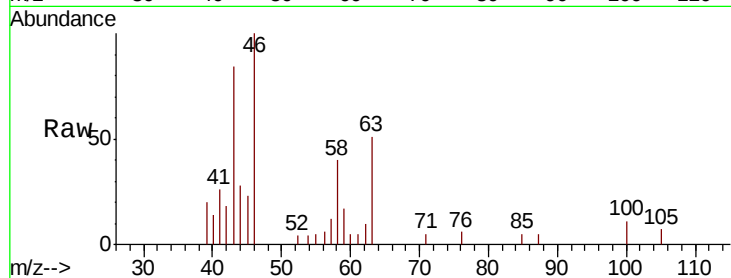
Ion Ratio Lower Upper

43 100

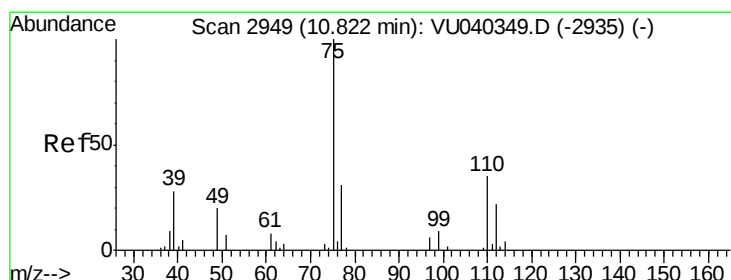
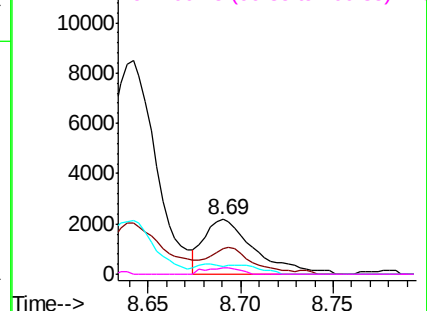
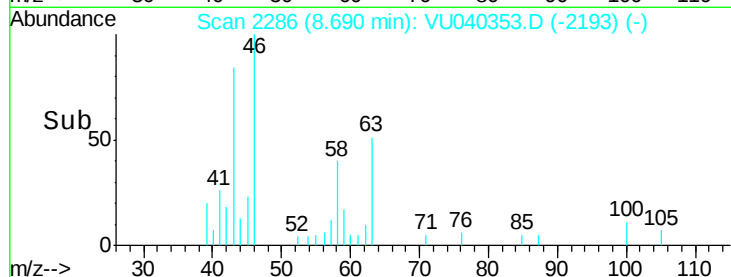
58 33.9 41.0 61.4#

57 11.0 14.6 22.0#

100 8.2 8.2 12.4#



Abundance Ion 43.05 (42.75 to 43.75): VU040353.D (-2193) (-)



#59

1,2,3-Trichloropropane

Concen: 1.003 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040353.D

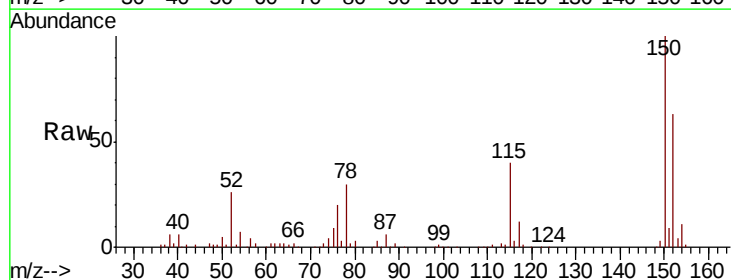
Acq: 29 Sep 2020 12:52

Tgt Ion: 75 Resp: 9448

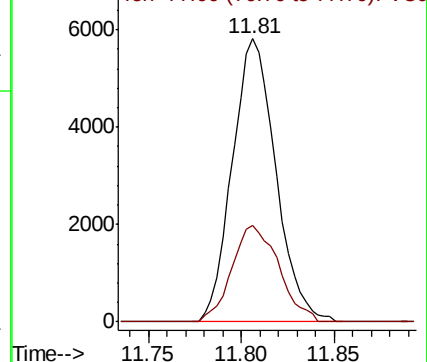
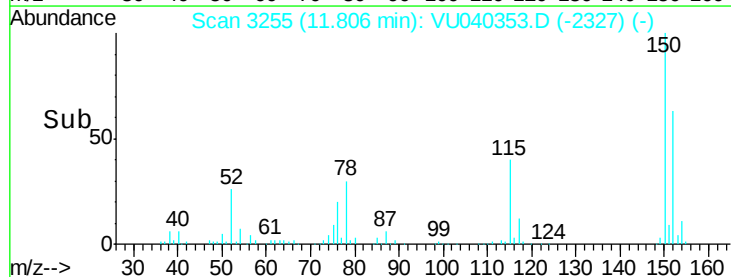
Ion Ratio Lower Upper

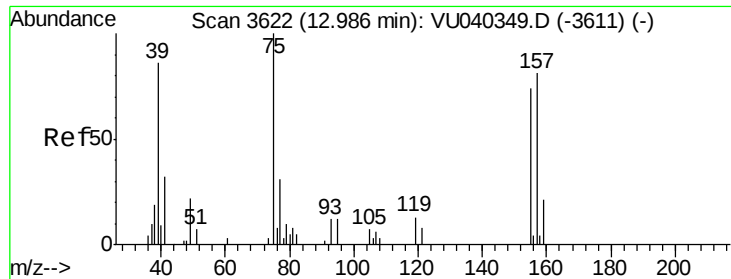
75 100

77 36.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040353.D (-2327) (-)

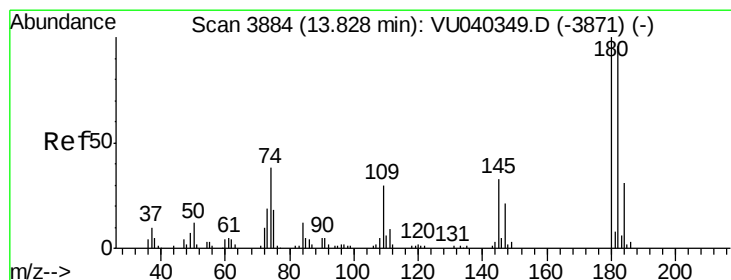
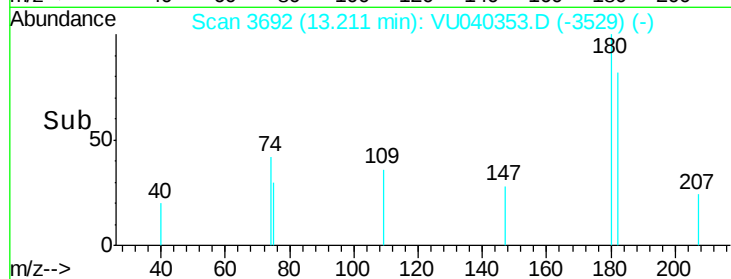
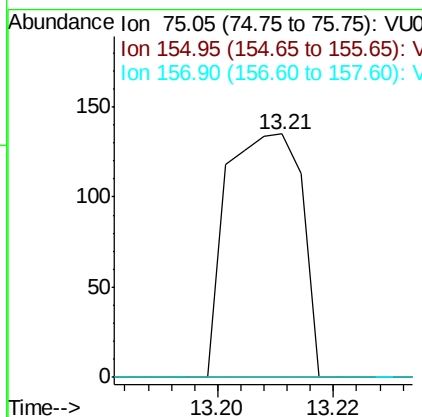
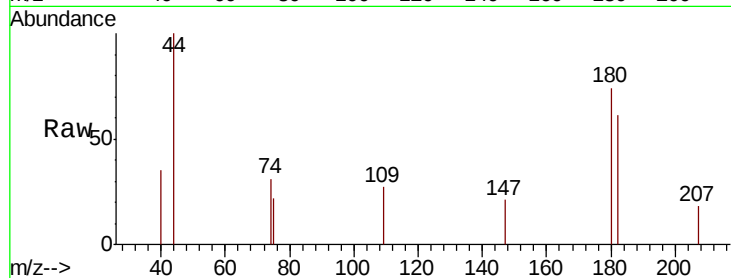




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.066 ug/L
 RT: 13.21 min Scan# 3692
 Delta R.T. 0.23 min
 Lab File: VU040353.D
 Acq: 29 Sep 2020 12:52

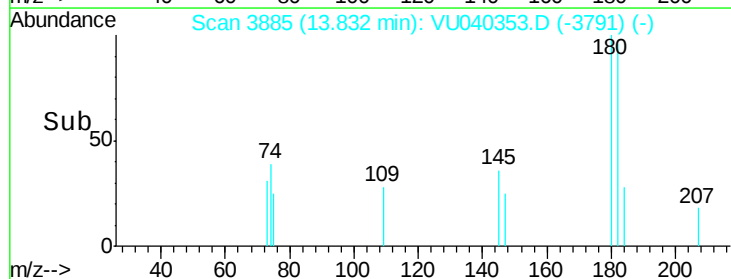
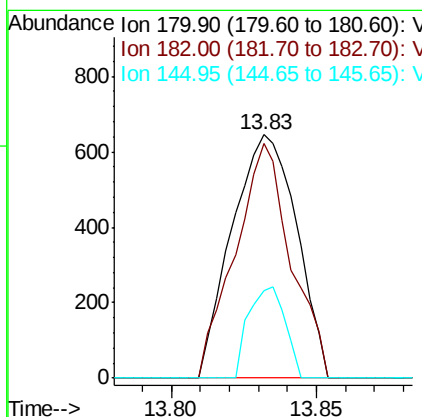
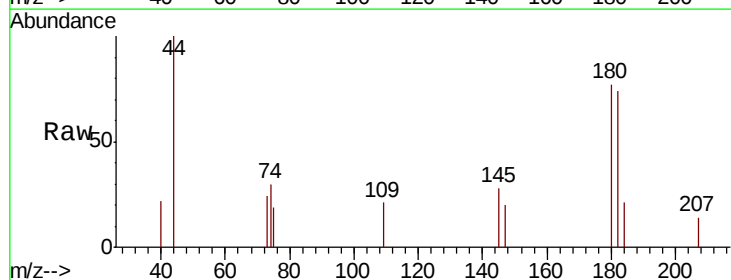
Instrument :
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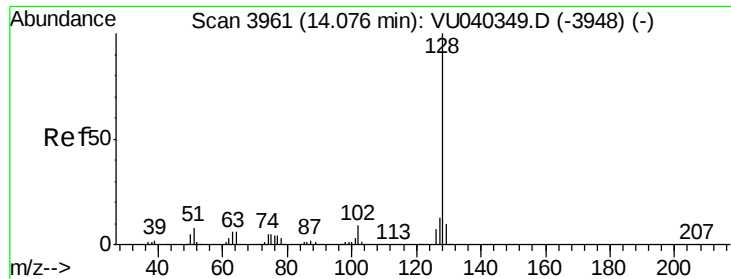
Tot Ion: 75 Resp: 121
 Ion Ratio Lower Upper
 75 100
 155 0.0 59.4 89.2#
 157 0.0 65.0 97.4#



#68
 1,2,4-trichlorobenzene
 Concen: 0.083 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040353.D
 Acq: 29 Sep 2020 12:52

Tgt Ion: 180 Resp: 1001
 Ion Ratio Lower Upper
 180 100
 182 83.2 76.6 115.0
 145 21.4 26.3 39.5#





#69

Naphthalene

Concen: 0.118 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VU040353.D

Acq: 29 Sep 2020 12:52

Instrument :

MSVOA_U

ClientSampled :

VBLK16

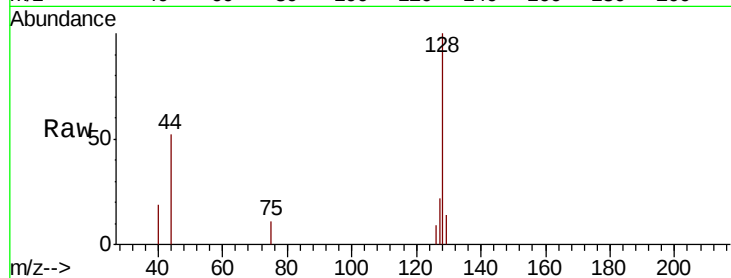
Tot Ion:128 Resp: 2431

Ion Ratio Lower Upper

128 100

129 8.6 8.2 12.4

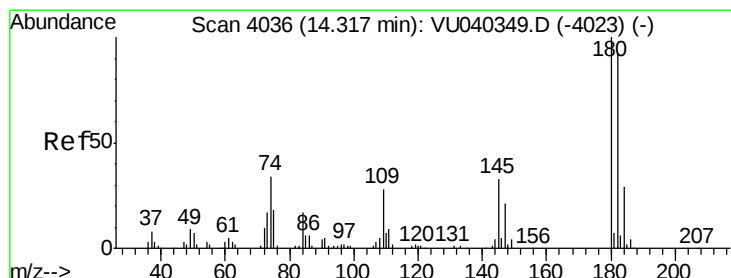
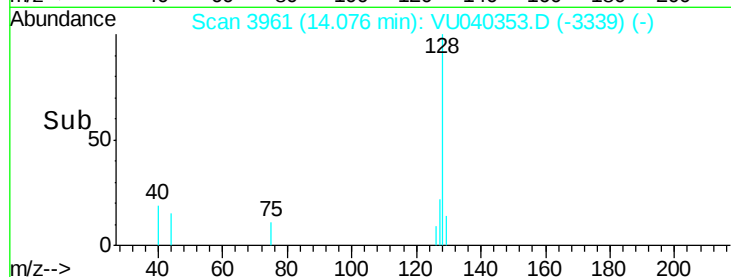
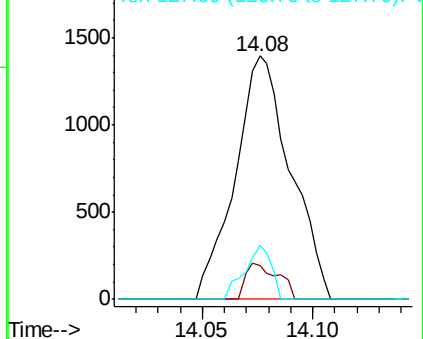
127 10.7 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.092 ug/L

RT: 14.32 min Scan# 4037

Delta R.T. 0.00 min

Lab File: VU040353.D

Acq: 29 Sep 2020 12:52

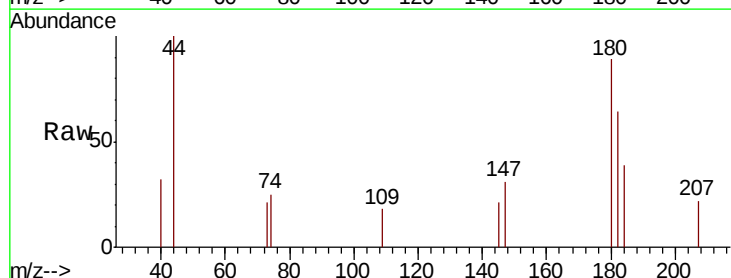
Tgt Ion:180 Resp: 1015

Ion Ratio Lower Upper

180 100

182 98.1 76.6 115.0

145 24.4 27.8 41.6#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

