

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040430.D
 Acq On : 01 Oct 2020 19:24
 Operator : SY/MD
 Sample : VU1001WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20

Quant Time: Oct 02 05:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53999	5.00	ug/L	0.00

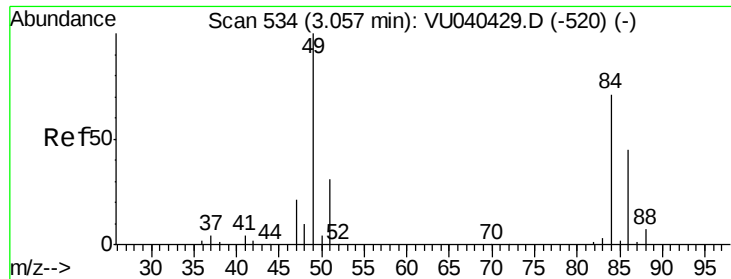
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33024	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.92	69	26290	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.58	63	49314	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.66	46	122239	40.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.98%
24) Chloroform-d	5.08	84	63805	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.72	65	40563	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.75	84	125294	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	41689	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.91	98	104328	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.19	79	16870	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	81099	37.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35420	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	40524	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	2535	0.219	ug/L	87
25) Chloroform	5.11	83	3369	0.169	ug/L	95
34) Trichloroethene	6.27	95	2300	0.208	ug/L #	8
35) Methylcyclohexane	6.70	83	10032	0.620	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	4850	0.419	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1178	0.076	ug/L	85
44) trans-1,3-Dichloropropene	8.19	75	951	0.066	ug/L #	76
48) 2-Hexanone	8.69	43	3308	0.495	ug/L #	94
59) 1,2,3-Trichloropropane	11.81	75	8498	1.012	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	457	0.045	ug/L	84
69) Naphthalene	14.08	128	1180	0.067	ug/L #	88

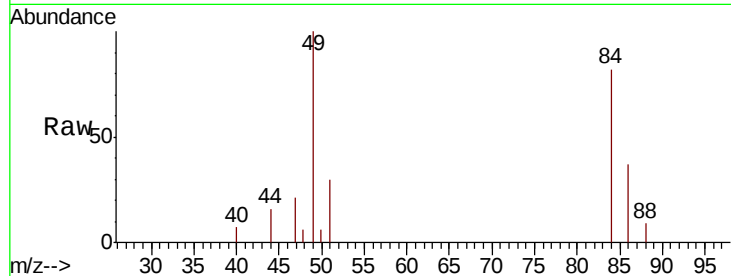
(#) = qualifier out of range (m) = manual integration (+) = signals summed



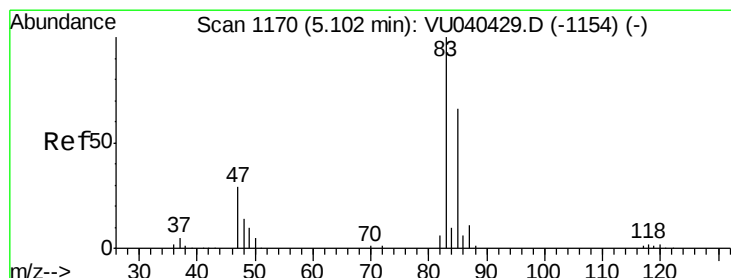
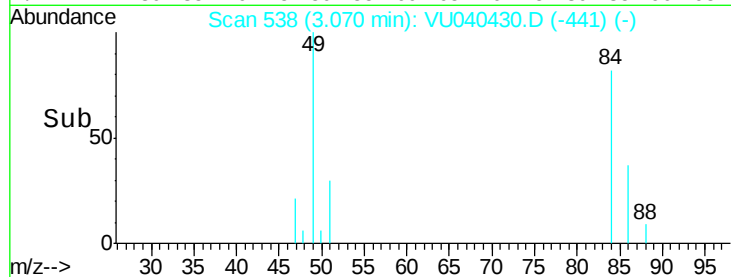
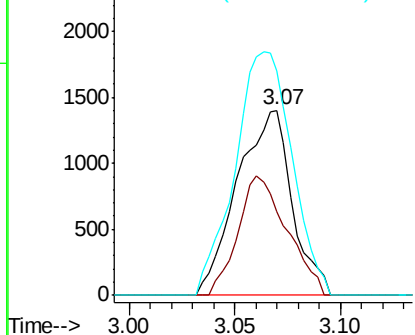
#16
Methvlene chloride
Concen: 0.219 ug/L
RT: 3.07 min Scan# 538
Delta R.T. 0.01 min
Lab File: VU040430.D
Acq: 01 Oct 2020 19:24

Instrument :
MSVOA_U
ClientSampleId :
VBLK20

Tot Ion: 84 Resp: 2535
Ion Ratio Lower Upper
84 100
86 45.5 44.4 82.5
49 121.7 92.2 171.2

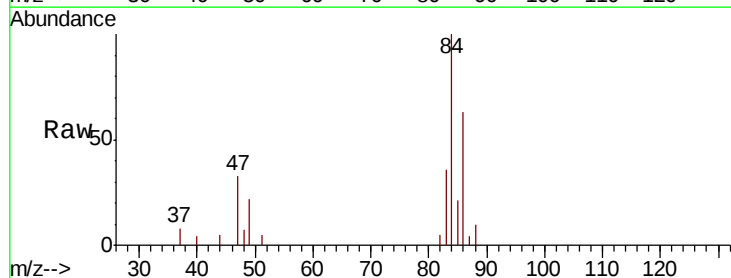


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

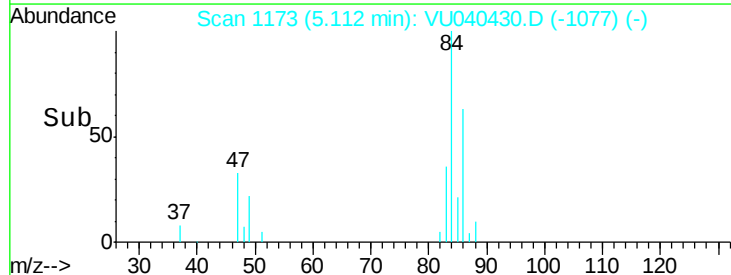
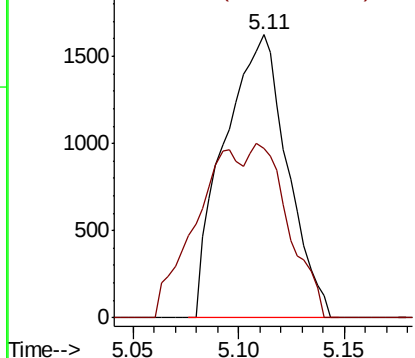


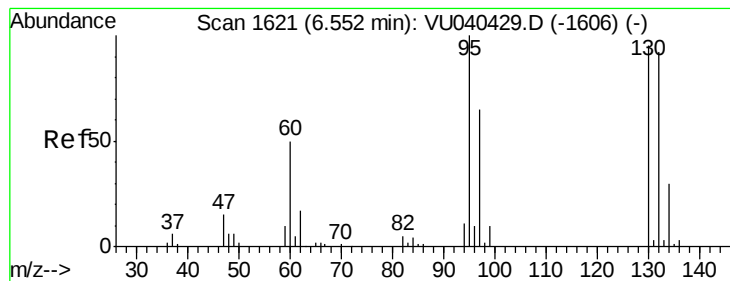
#25
Chloroform
Concen: 0.169 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040430.D
Acq: 01 Oct 2020 19:24

Tgt Ion: 83 Resp: 3369
Ion Ratio Lower Upper
83 100
85 59.9 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.208 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040430.D

Acq: 01 Oct 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

VBLK20

Tot Ion: 95 Resp: 2300

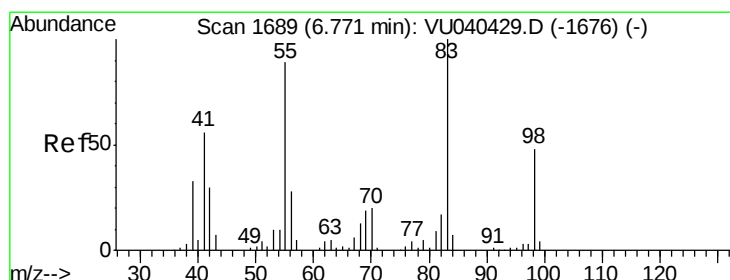
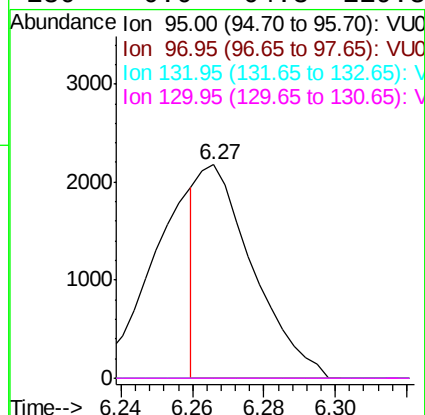
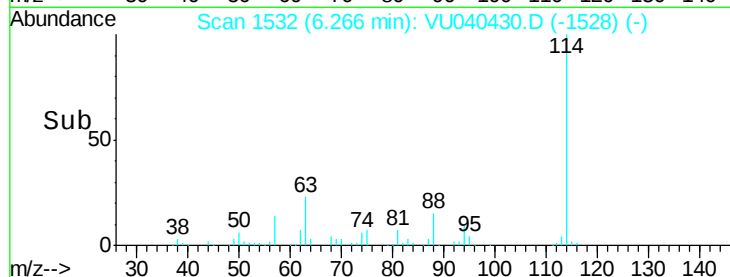
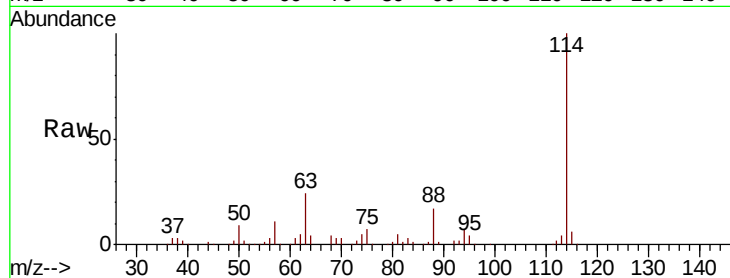
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 60.5 112.3#

130 0.0 64.3 119.3#



#35

Methylcyclohexane

Concen: 0.620 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040430.D

Acq: 01 Oct 2020 19:24

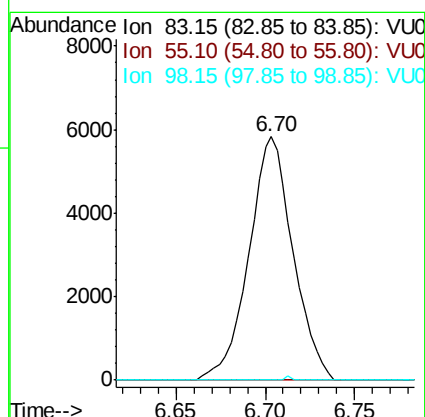
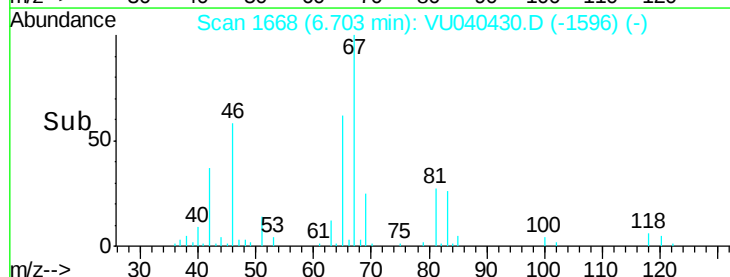
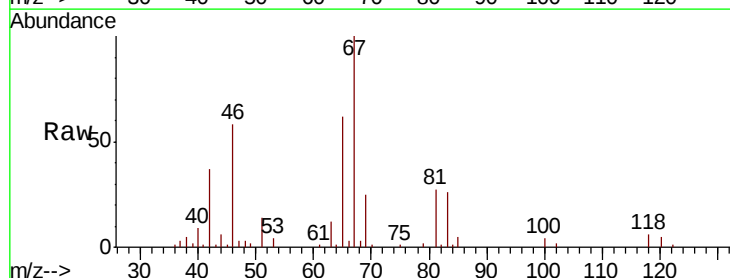
Tgt Ion: 83 Resp: 10032

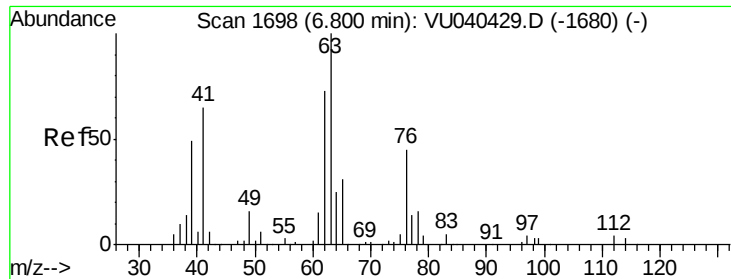
Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

98 0.2 38.5 57.7#

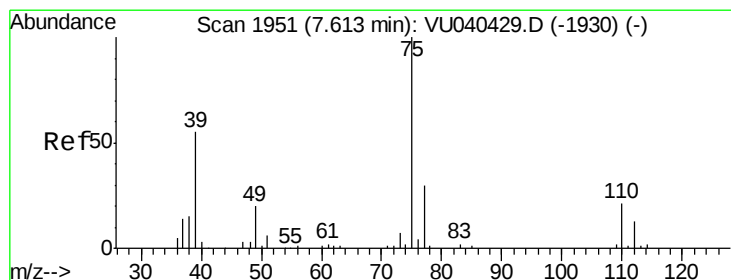
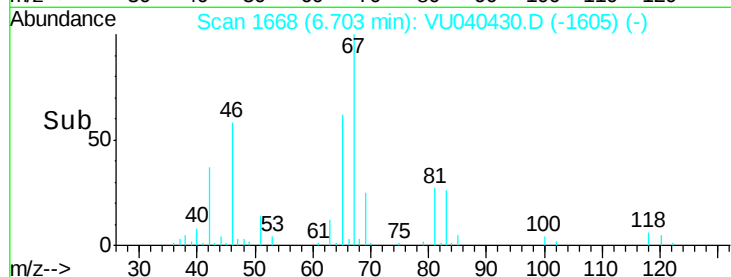
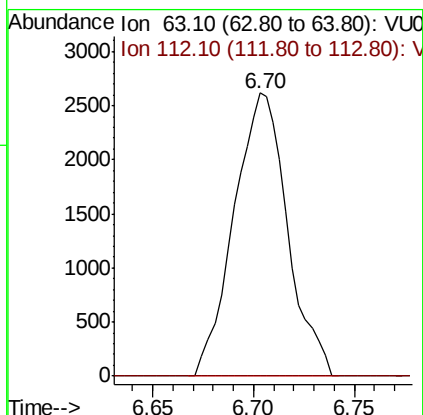
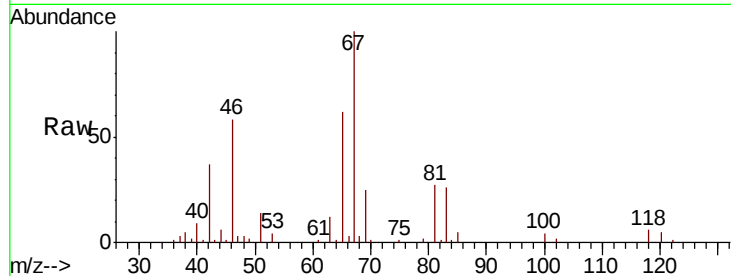




#37
 1,2-Dichloropropane
 Concen: 0.419 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040430.D
 Acq: 01 Oct 2020 19:24

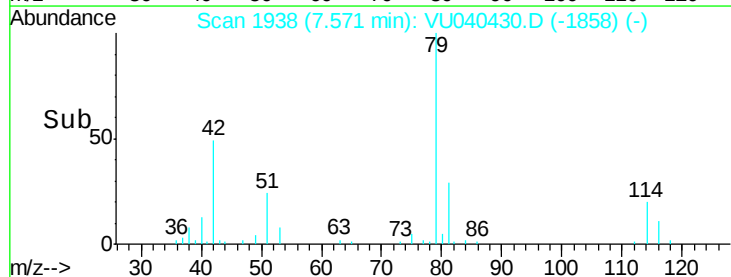
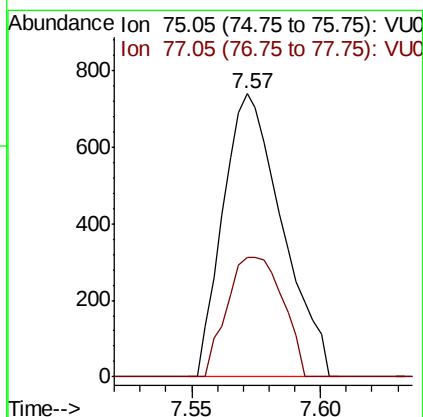
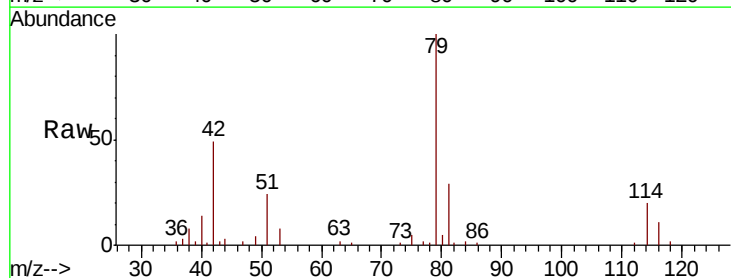
Instrument :
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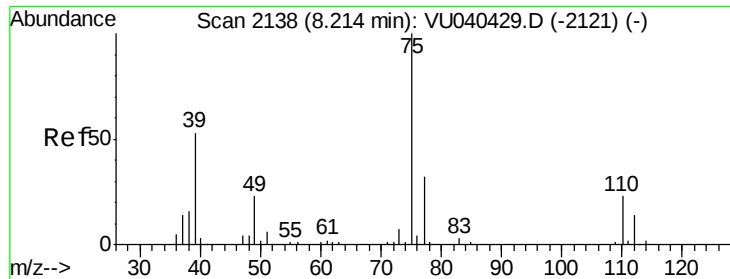
Tot Ion: 63 Resp: 4850
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040430.D
 Acq: 01 Oct 2020 19:24

Tgt Ion: 75 Resp: 1178
 Ion Ratio Lower Upper
 75 100
 77 42.4 23.5 43.7

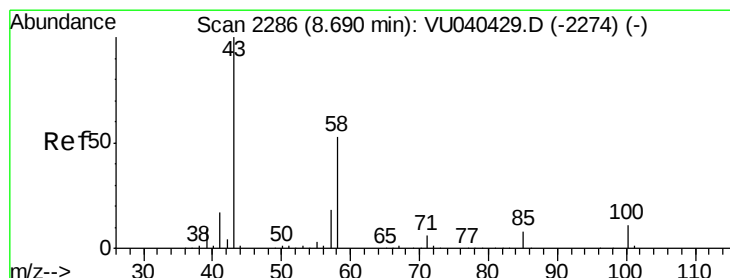
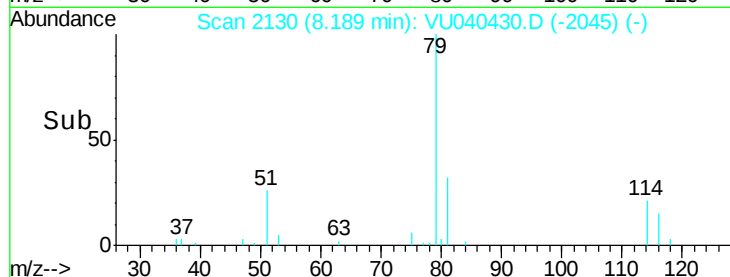
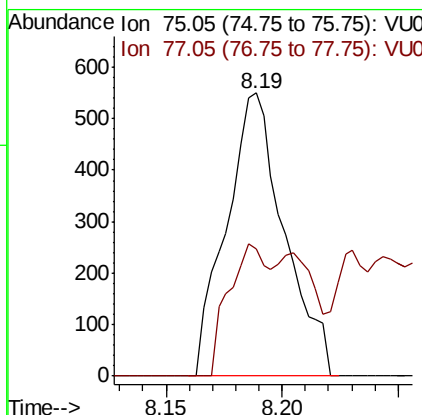
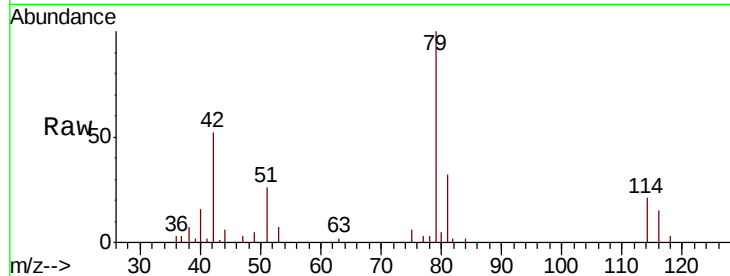




#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040430.D
Acq: 01 Oct 2020 19:24

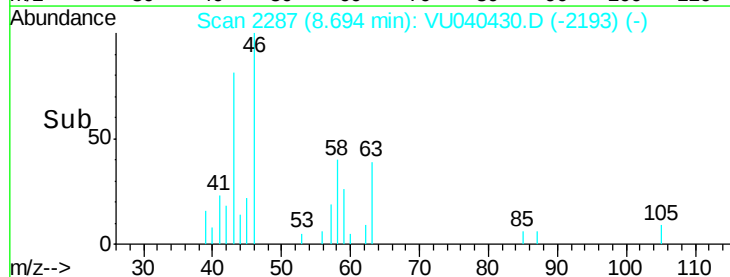
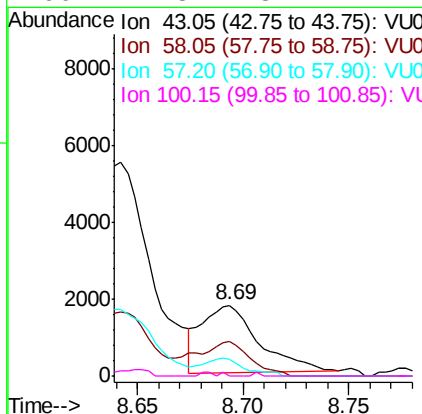
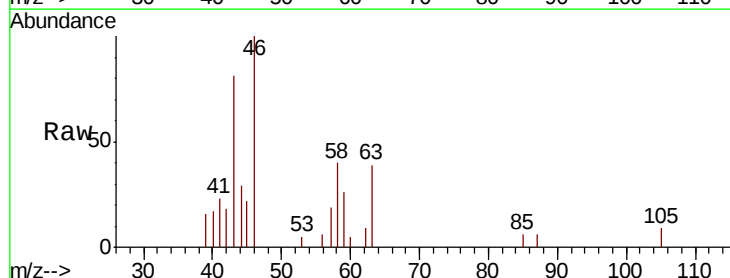
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

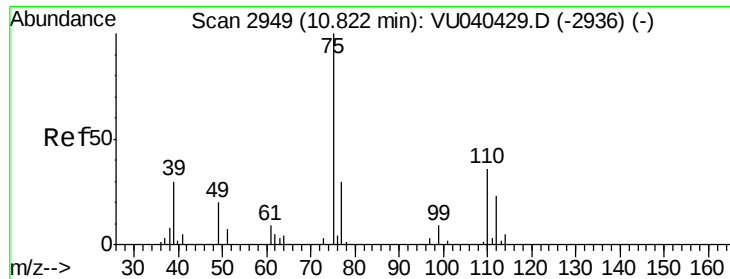
Tot Ion: 75 Resp: 951
Ion Ratio Lower Upper
75 100
77 45.1 22.3 41.3#



#48
2-Hexanone
Concen: 0.495 ug/L
RT: 8.69 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VU040430.D
Acq: 01 Oct 2020 19:24

Tgt Ion: 43 Resp: 3308
Ion Ratio Lower Upper
43 100
58 48.3 41.0 61.4
57 19.9 14.6 22.0
100 1.8 8.2 12.4#





#59

1,2,3-Trichloropropane

Concen: 1.012 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040430.D

Acq: 01 Oct 2020 19:24

Instrument :

MSVOA_U

ClientSampleId :

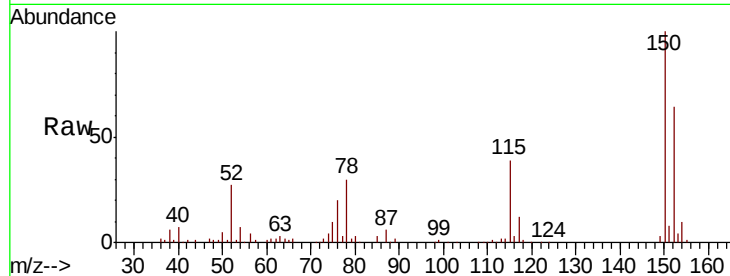
VBLK20

Tot Ion: 75 Resp: 8498

Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU040429.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU040429.D (-2936) (-)

11.81

6000

5000

4000

3000

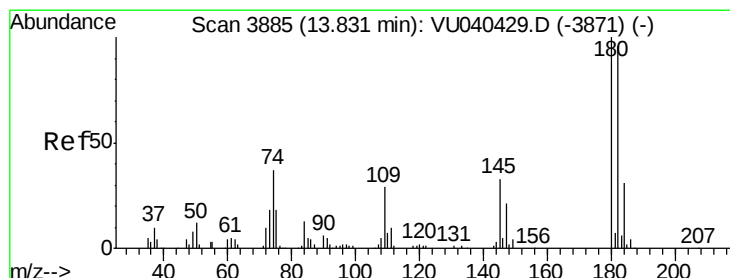
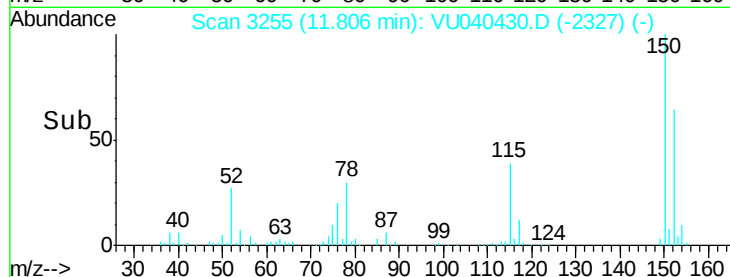
2000

1000

0

Time-->

11.75 11.80 11.85



#68

1,2,4-trichlorobenzene

Concen: 0.045 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040430.D

Acq: 01 Oct 2020 19:24

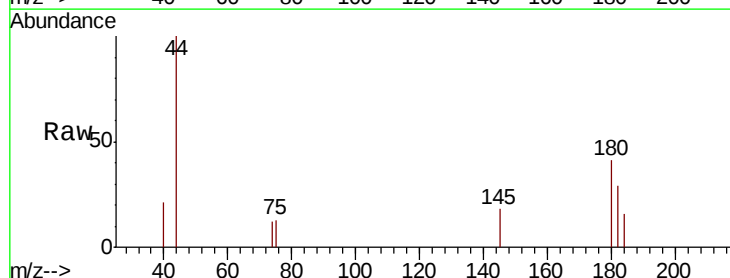
Tgt Ion: 180 Resp: 457

Ion Ratio Lower Upper

180 100

182 77.5 76.6 115.0

145 29.1 26.3 39.5



Abundance Ion 179.90 (179.60 to 180.60): VU040429.D (-3871) (-)

Ion 182.00 (181.70 to 182.70): VU040429.D (-3871) (-)

Ion 144.95 (144.65 to 145.65): VU040429.D (-3871) (-)

13.83

400

300

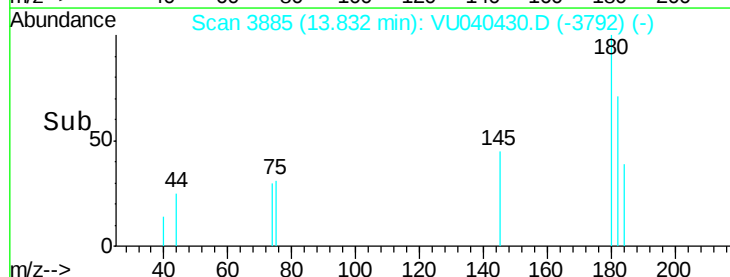
200

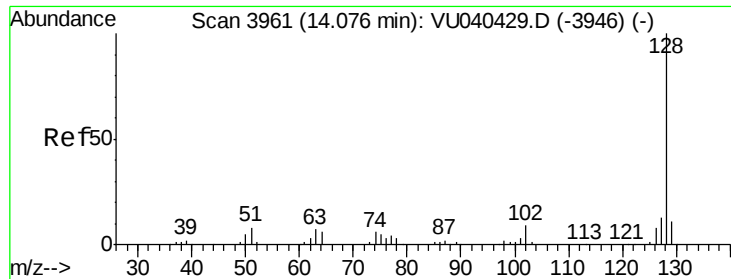
100

0

Time-->

13.80 13.85





#69

Naphthalene

Concen: 0.067 ug/L

RT: 14.08 min Scan# 3963

Delta R.T. 0.01 min

Lab File: VU040430.D

Acq: 01 Oct 2020 19:24

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VBLK20

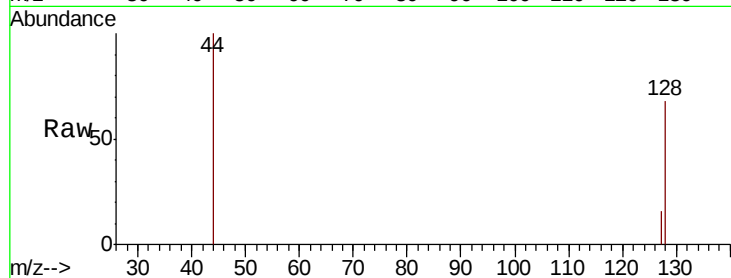
Tot Ion:128 Resp: 1180

Ion Ratio Lower Upper

128 100

129 1.7 8.2 12.4#

127 14.0 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

600 14.08

400

200

0

Time-->

