

Data File : VU038261.D
Acq On : 21 May 2020 13:58
Operator : JC/MD
Sample : L2724-06DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T3DL

Quant Time: May 29 10:13:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 10:10:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369227	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	366744	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	173605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105969	3.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.80%
7) Chloroethane-d5	1.93	69	115196	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.59	63	148975	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.68	46	492315	59.08	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.16%
24) Chloroform-d	5.10	84	230564	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	138833	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.76	84	470103	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.72	67	157235	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	409210	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	57370	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.66	63	385814	57.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.00%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	138758	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	157116	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

					Qvalue
8) Chloroethane	1.95	64	30276	1.234 ug/L #	65
13) Acetone	2.69	43	5376	1.028 ug/L	57
15) Methyl Acetate	3.07	43	4669	0.319 ug/L #	53
16) Methylene chloride	3.08	84	12624	0.423 ug/L	94
30) Cyclohexane	5.42	56	18567	0.374 ug/L	96
33) Benzene	5.81	78	862304	7.342 ug/L	100
35) Methylcyclohexane	6.79	83	13955	0.293 ug/L	97
37) 1,2-Dichloropropane	6.72	63	17282	0.542 ug/L #	96
42) Toluene	8.00	91	25750	0.208 ug/L	96
48) 2-Hexanone	8.71	43	36425	2.250 ug/L #	89
51) Chlorobenzene	9.47	112	977420	12.704 ug/L	99
53) m,p-Xylene	9.71	106	7180	0.139 ug/L	82
54) o-Xylene	10.12	106	9338	0.188 ug/L	93
56) Isopropylbenzene	10.50	105	108433	0.848 ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	22881	1.069 ug/L #	43
62) 1,3-Dichlorobenzene	11.75	146	6325	0.112 ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	75690	1.322 ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052120\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 10:10:55 2020
Response via : Initial Calibration

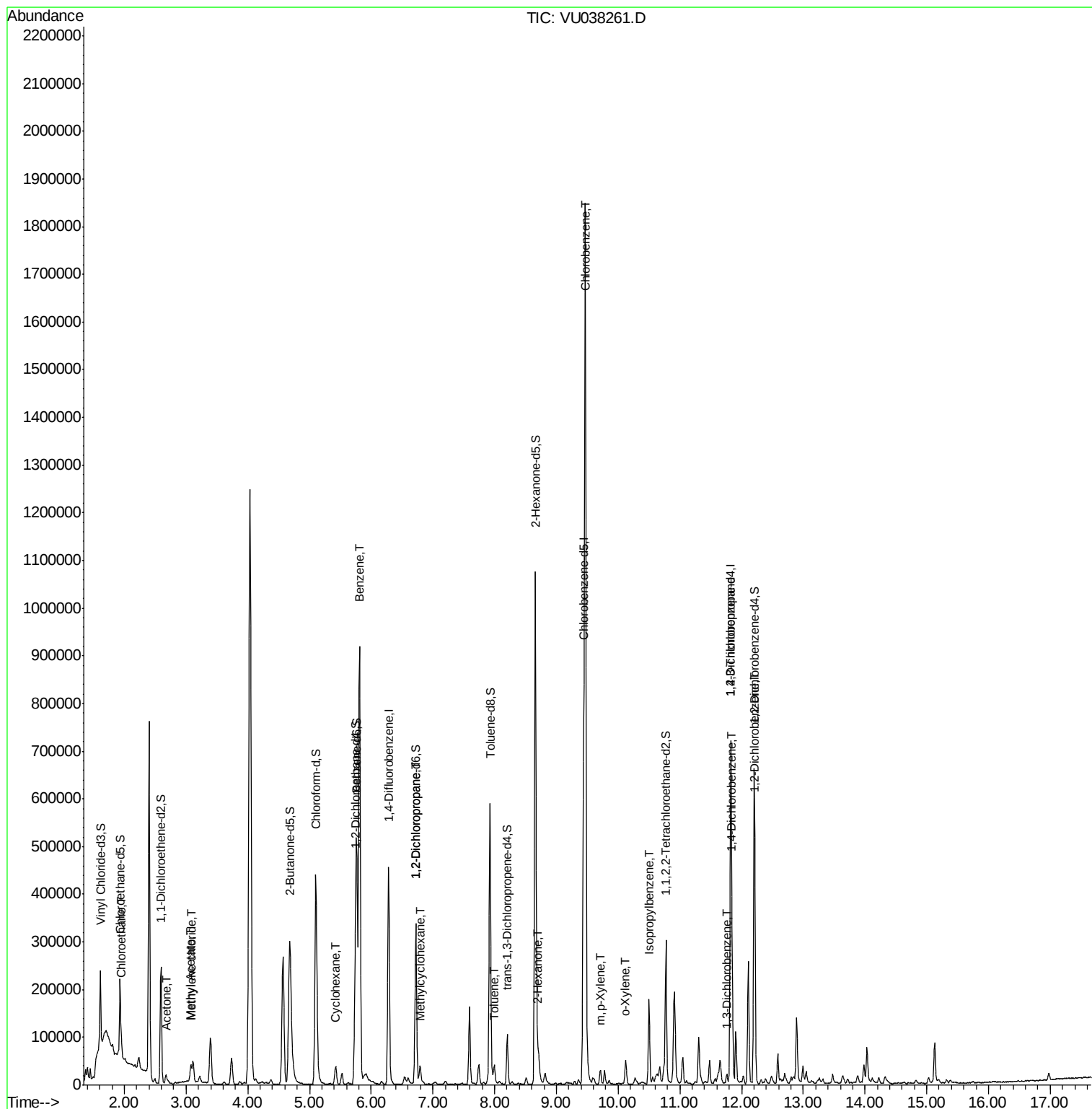
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
65) 1,2-Dichlorobenzene	12.22	146	14831	0.273	ug/L	92
-----	-----	-----	-----	-----	-----	-----

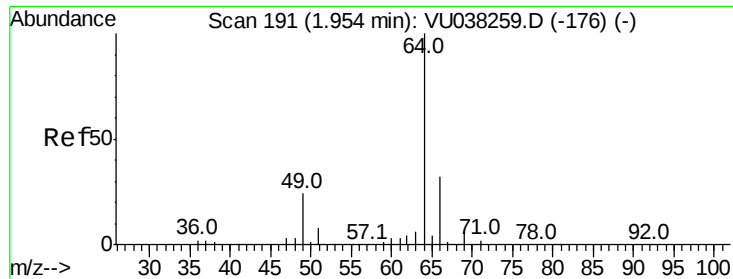
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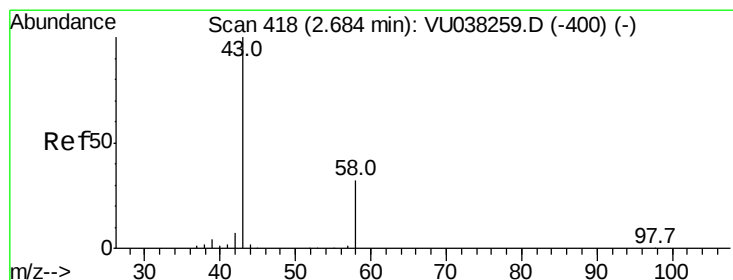
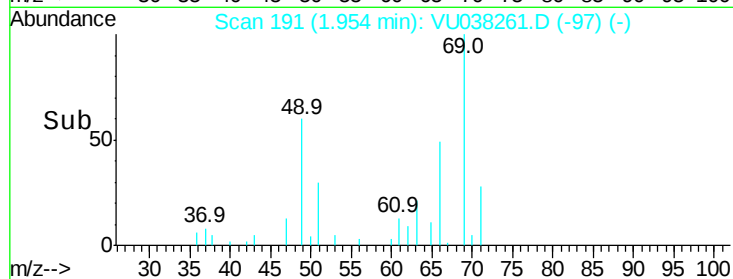
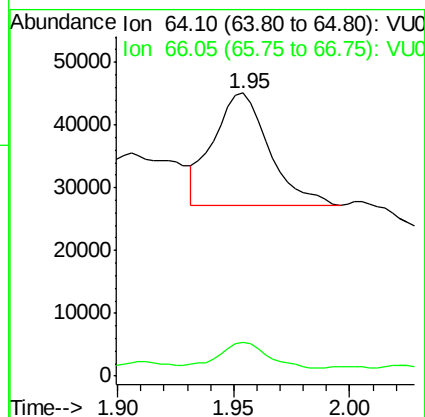
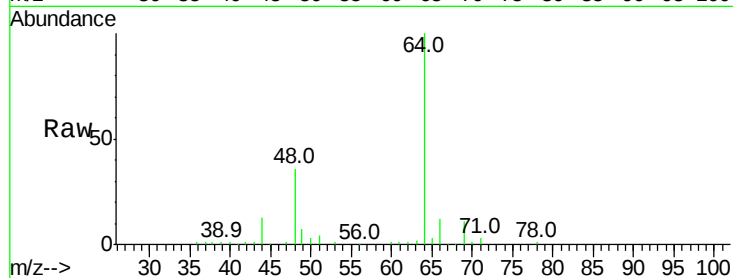




#8
Chloroethane
Concen: 1.234 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

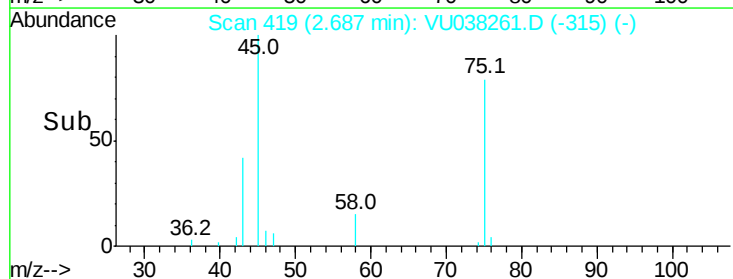
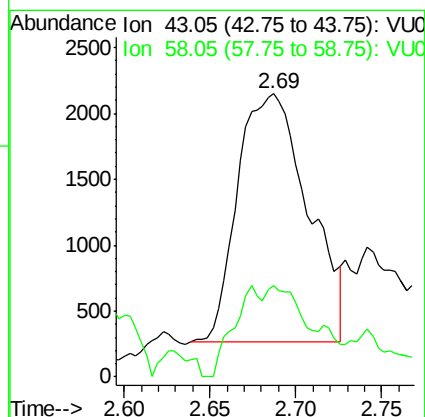
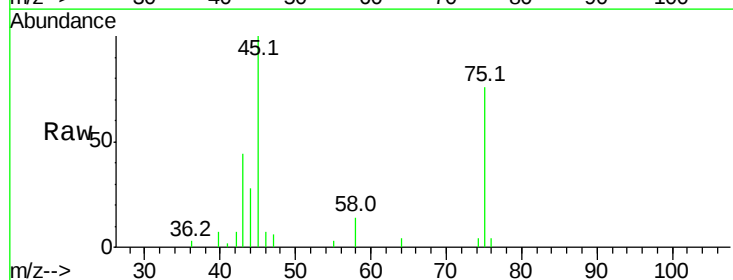
Instrument :
MSVOA_U
ClientSampleId :
BE4T3DL

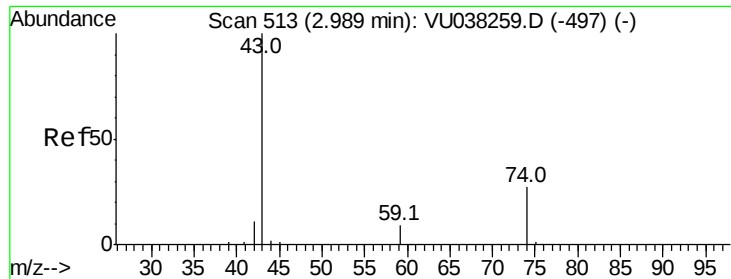
Tgt Ion: 64 Resp: 30276
Ion Ratio Lower Upper
64 100
66 12.0 21.8 40.4#



#13
Acetone
Concen: 1.028 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.04 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Tgt Ion: 43 Resp: 5376
Ion Ratio Lower Upper
43 100
58 8.0 0.0 63.6

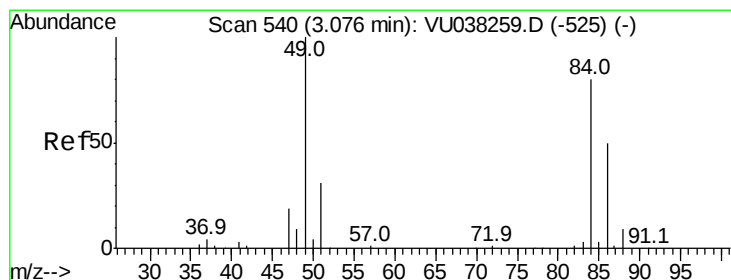
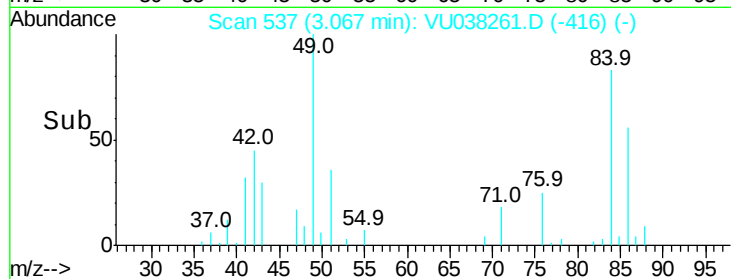
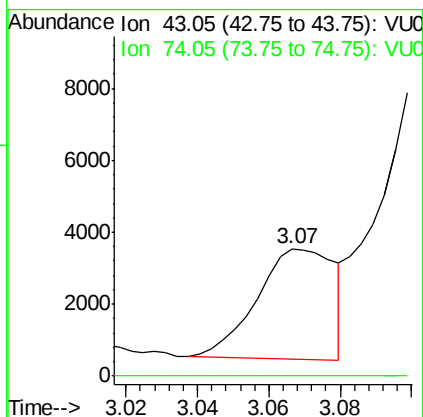
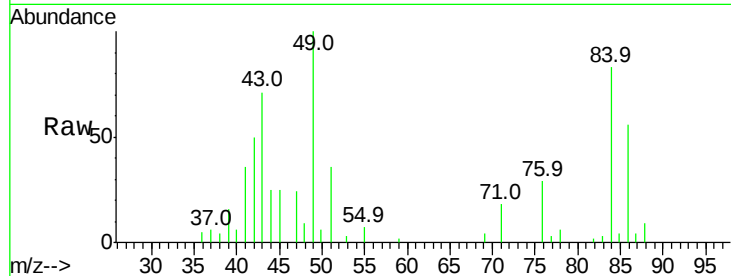




#15
Methyl Acetate
Concen: 0.319 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.09 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

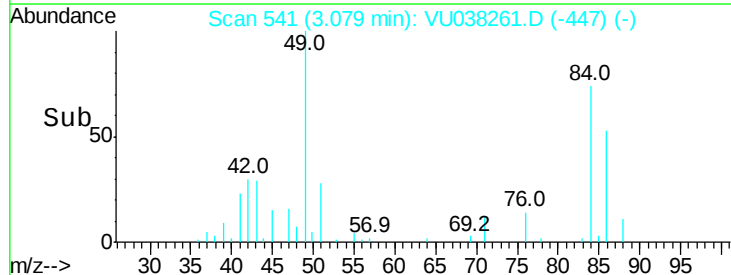
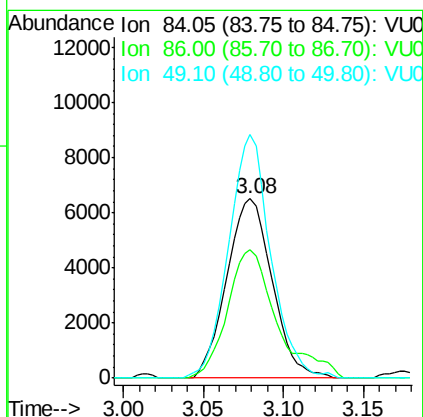
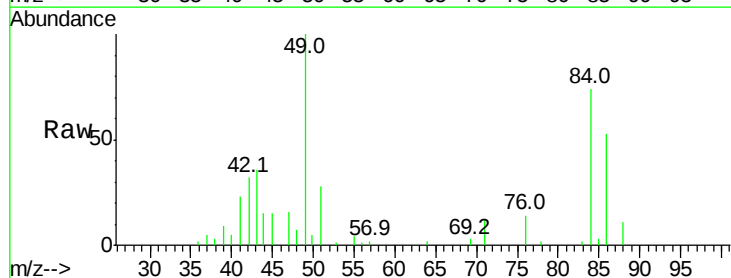
Instrument :
MSVOA_U
ClientSampleId :
BE4T3DL

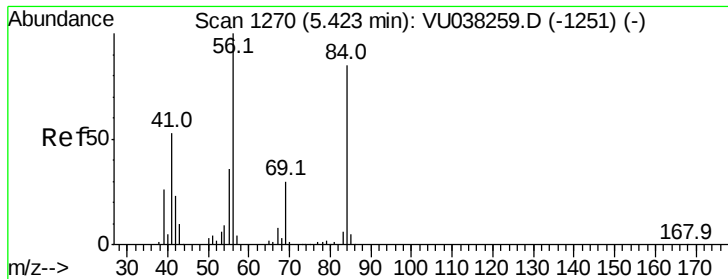
Tgt Ion: 43 Resp: 4669
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#16
Methylene chloride
Concen: 0.423 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Tgt Ion: 84 Resp: 12624
Ion Ratio Lower Upper
84 100
86 71.5 44.9 83.3
49 135.7 92.0 170.9

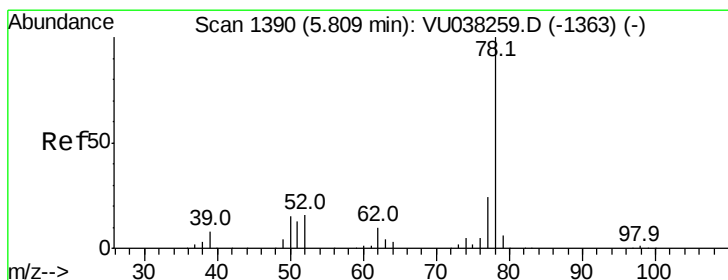
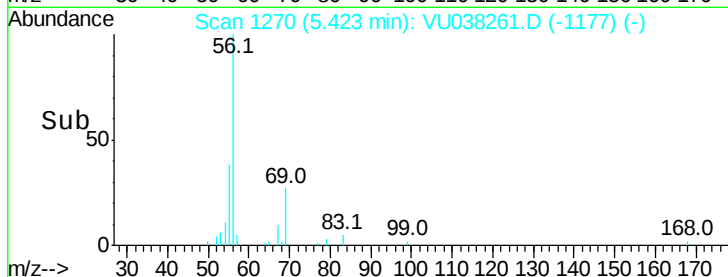
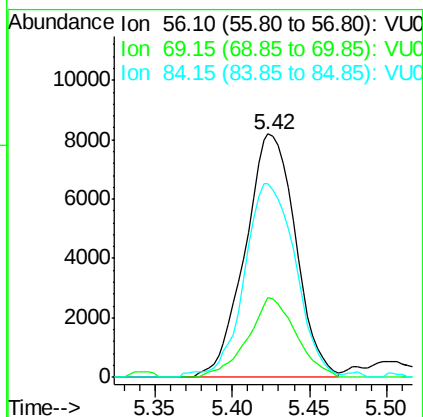
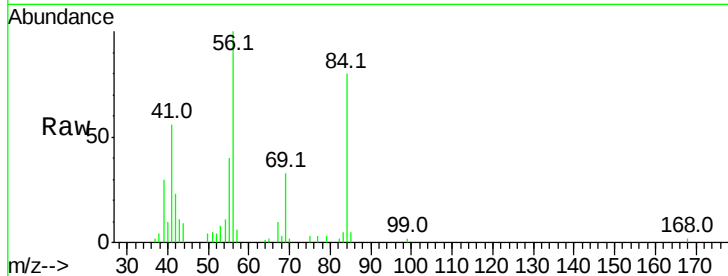




#30
Cyclohexane
Concen: 0.374 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

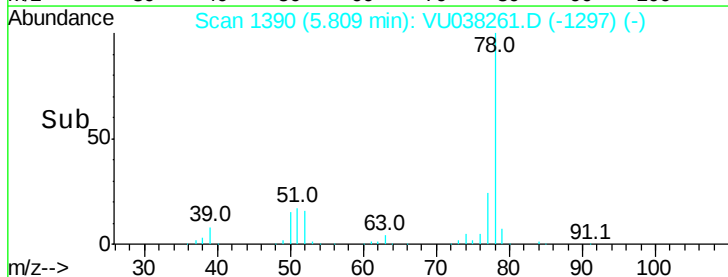
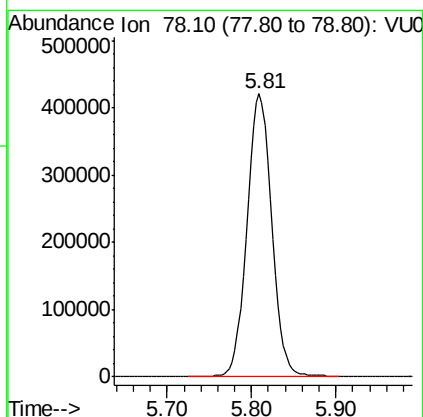
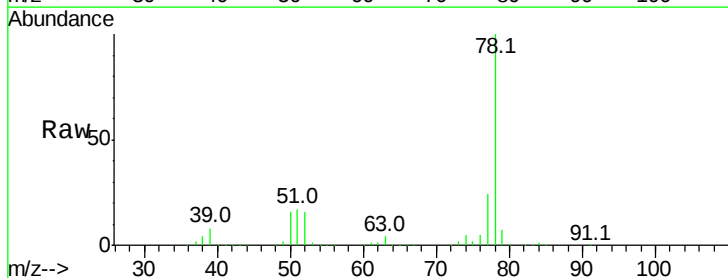
Instrument :
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ClientSampleId :
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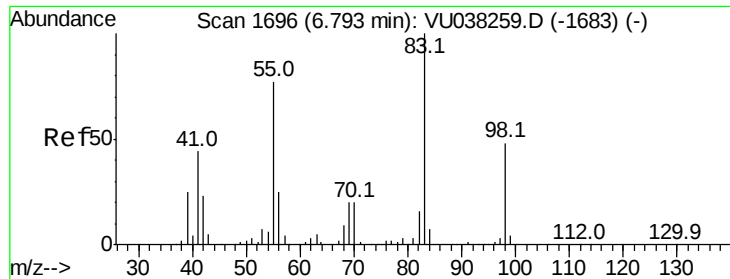
Tgt Ion: 56 Resp: 18567
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 80.9 68.5 102.7



#33
Benzene
Concen: 7.342 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Tgt Ion: 78 Resp: 862304

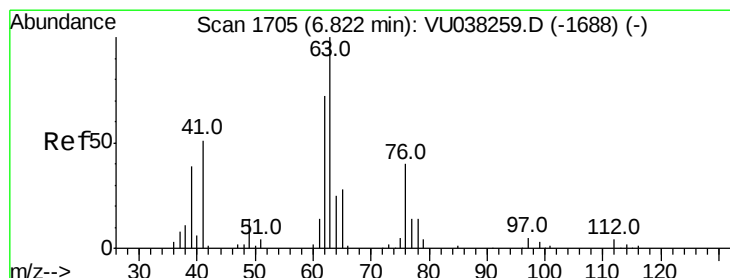
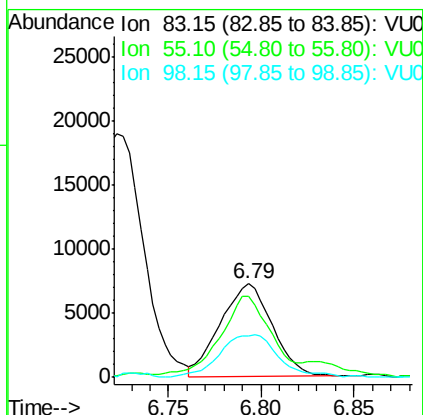
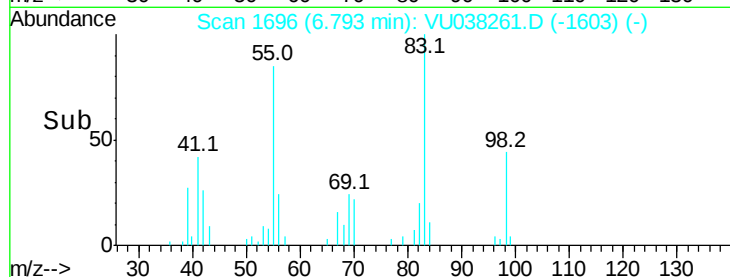
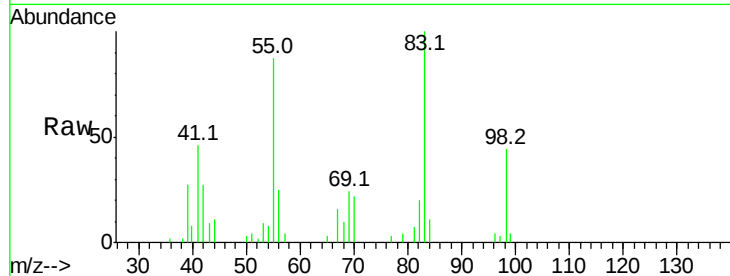




#35
Methylcyclohexane
Concen: 0.293 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. -0.00 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

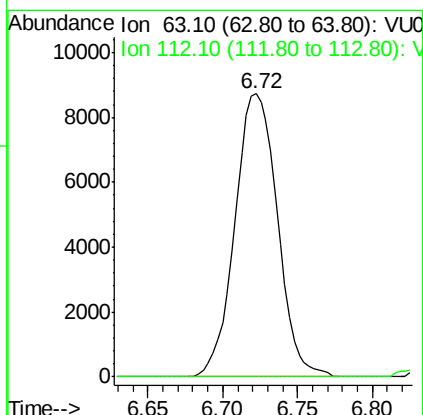
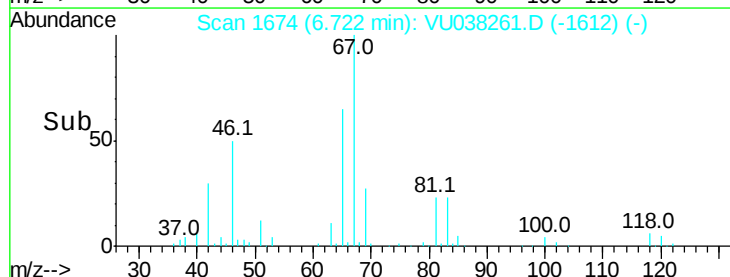
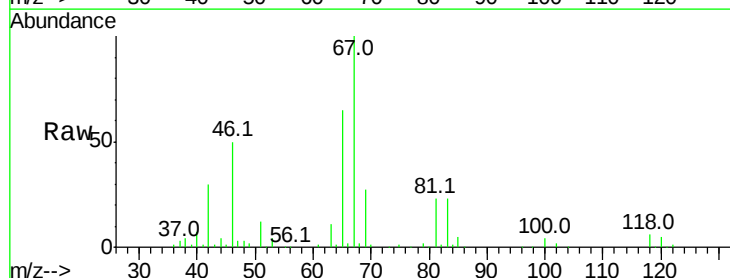
Instrument :
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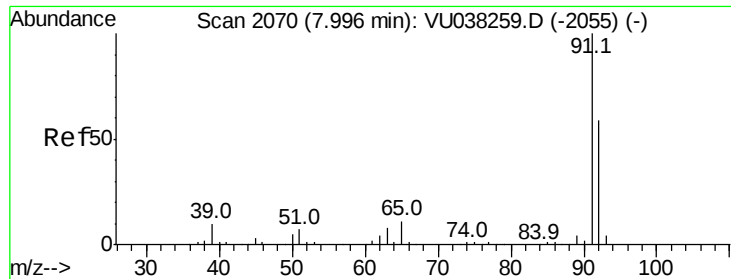
Tgt Ion: 83 Resp: 13955
Ion Ratio Lower Upper
83 100
55 81.9 66.7 100.1
98 52.2 39.4 59.2



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038261.D
Acq: 21 May 2020 13:58

Tgt Ion: 63 Resp: 17282
Ion Ratio Lower Upper
63 100
112 2.6 3.1 4.7#





#42

Toluene

Concen: 0.208 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

Instrument :

MSVOA_U

ClientSampleId :

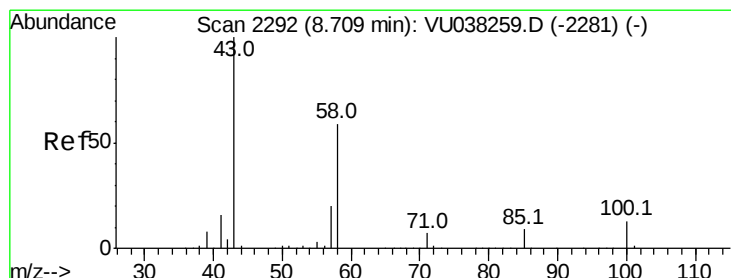
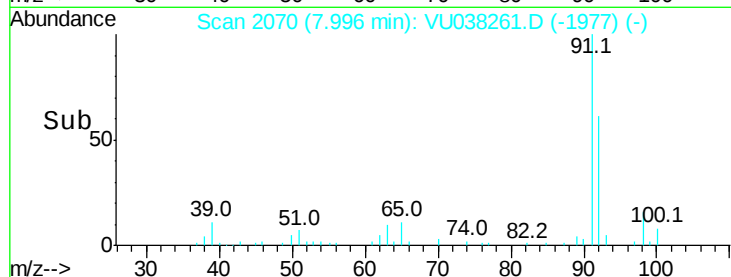
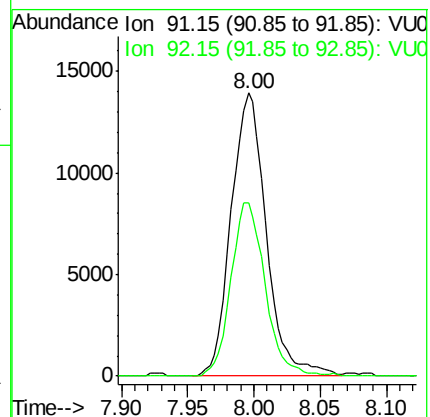
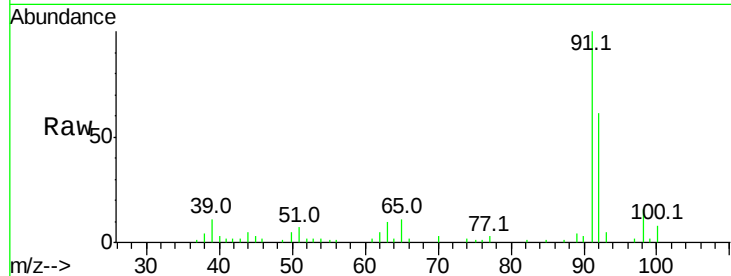
BE4T3DL

Tgt Ion: 91 Resp: 25750

Ion Ratio Lower Upper

91 100

92 61.4 40.9 75.9



#48

2-Hexanone

Concen: 2.250 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

Tgt Ion: 43 Resp: 36425

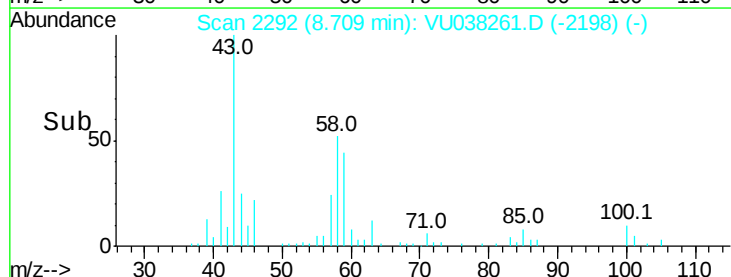
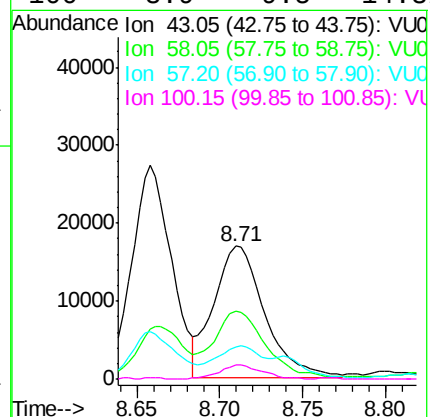
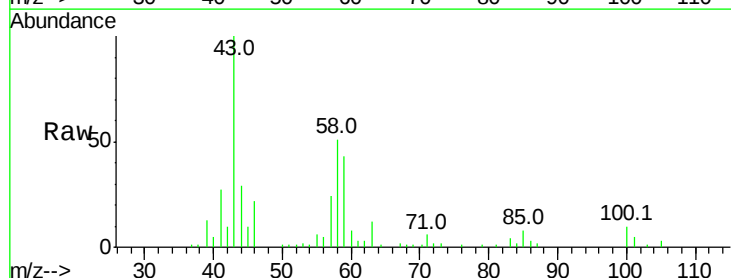
Ion Ratio Lower Upper

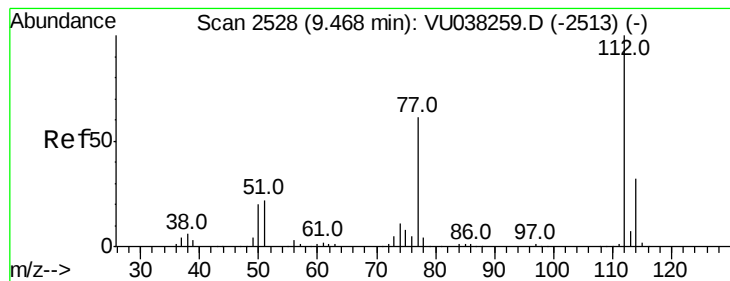
43 100

58 50.0 45.2 67.8

57 10.6 15.5 23.3#

100 8.9 9.5 14.3#





#51

Chlorobenzene

Concen: 12.704 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

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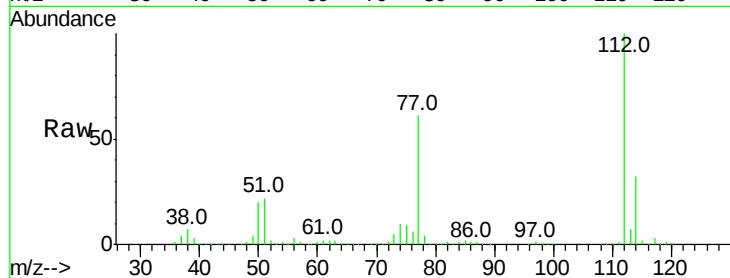
Tgt Ion:112 Resp: 977420

Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

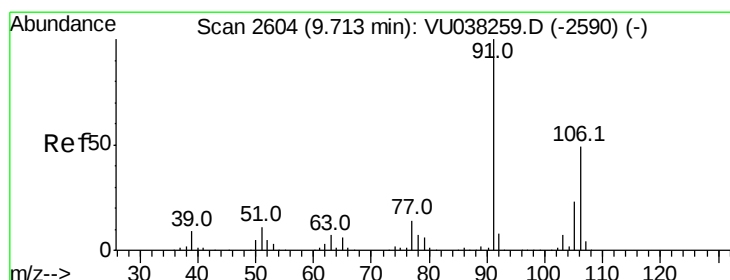
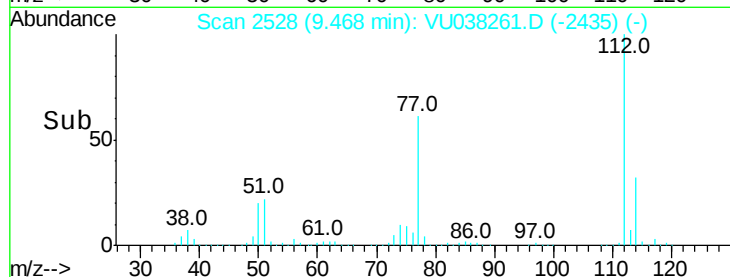
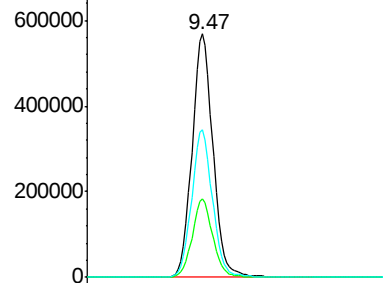
77 60.8 49.9 74.9



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



#53

m,p-Xylene

Concen: 0.139 ug/L

RT: 9.71 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VU038261.D

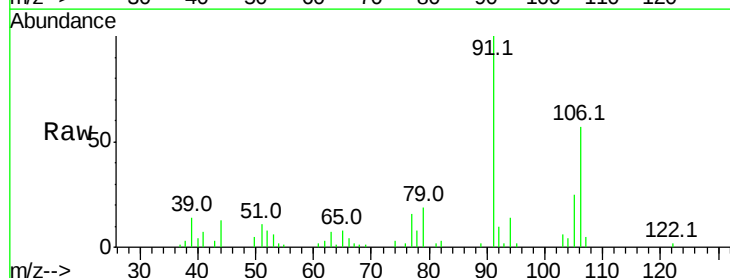
Acq: 21 May 2020 13:58

Tgt Ion:106 Resp: 7180

Ion Ratio Lower Upper

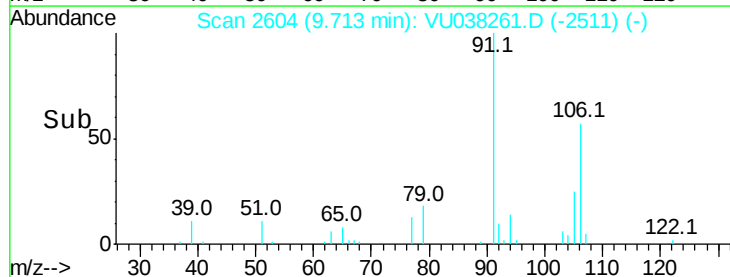
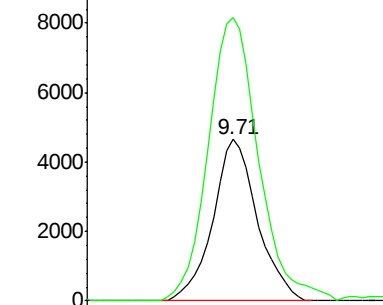
106 100

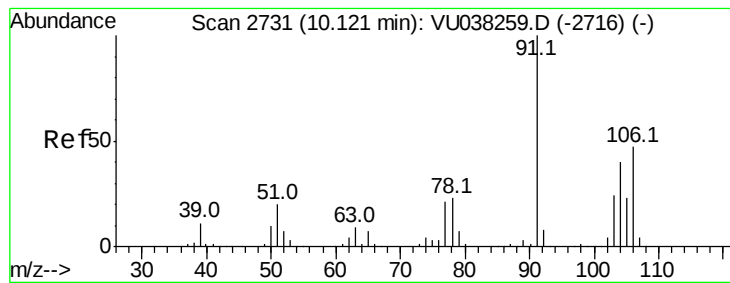
91 175.3 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#54

o-Xylene

Concen: 0.188 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. -0.00 min

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Acq: 21 May 2020 13:58

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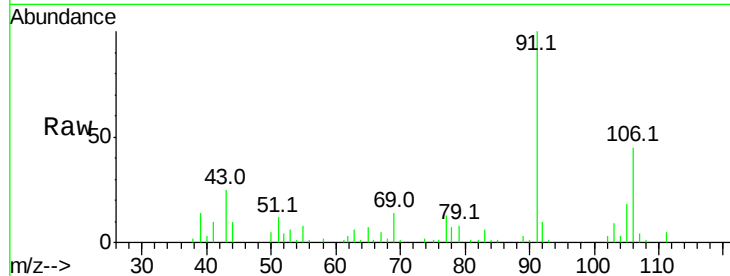
BE4T3DL

Tgt Ion:106 Resp: 9338

Ion Ratio Lower Upper

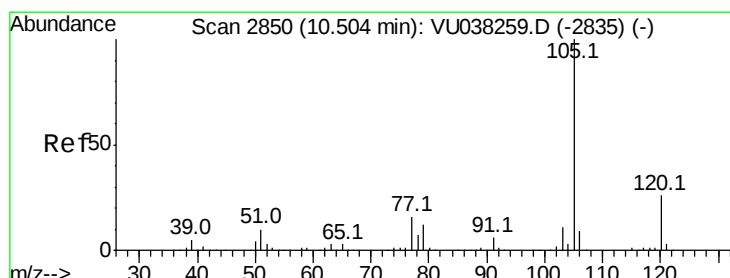
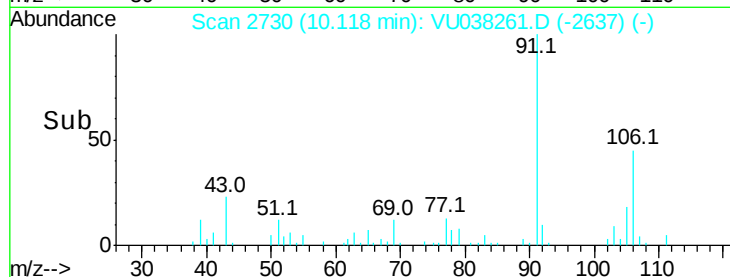
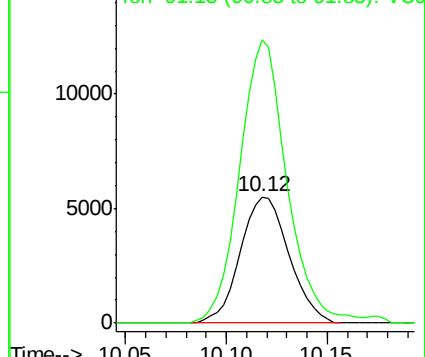
106 100

91 223.7 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#56

Isopropylbenzene

Concen: 0.848 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038261.D

Acq: 21 May 2020 13:58

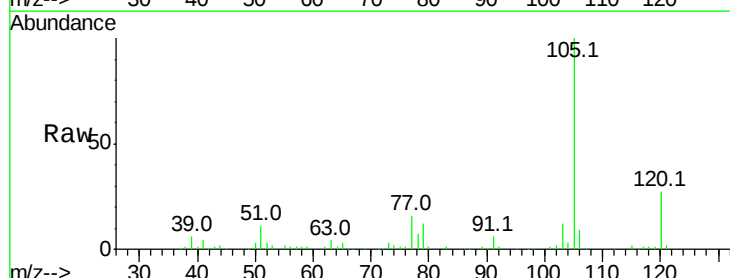
Tgt Ion:105 Resp: 108433

Ion Ratio Lower Upper

105 100

120 25.5 21.0 31.6

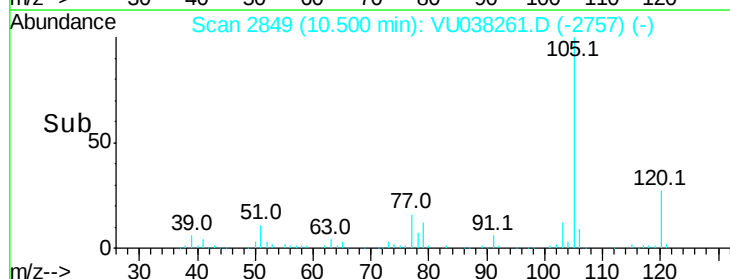
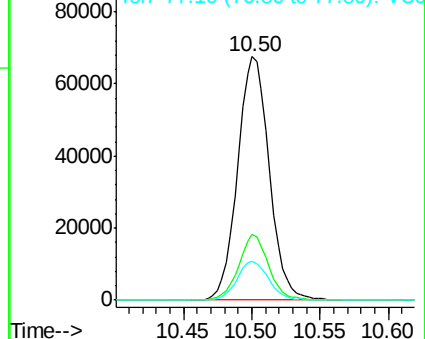
77 16.1 13.0 19.4

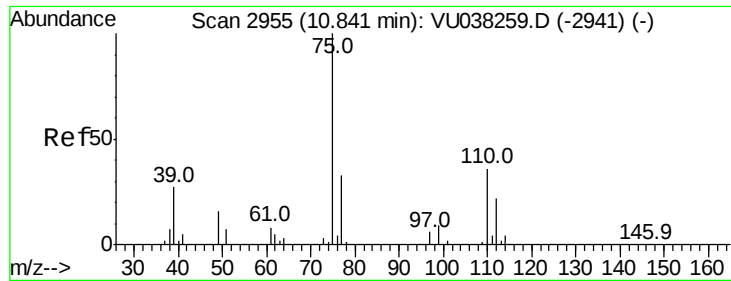


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU0

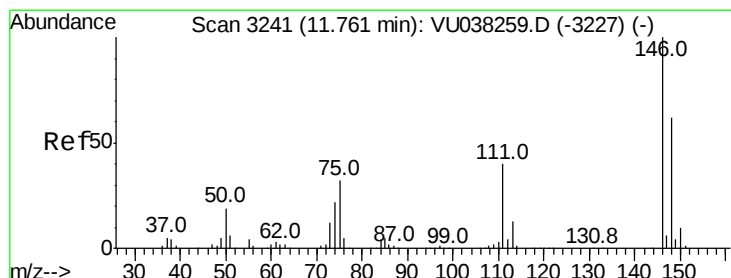
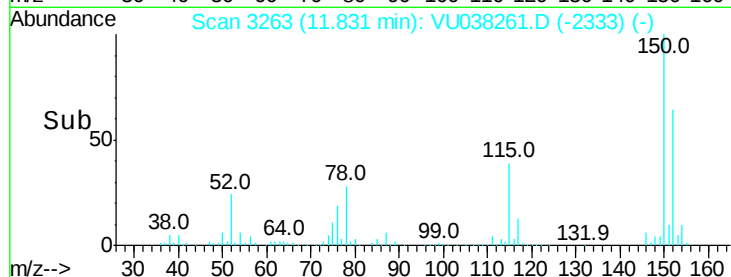
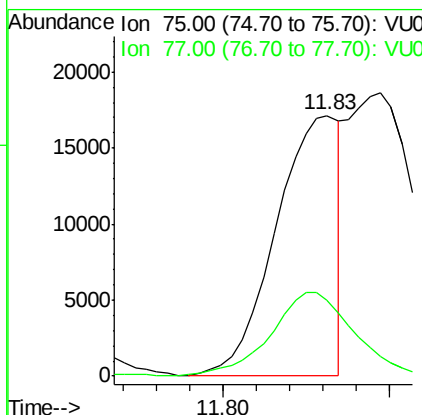
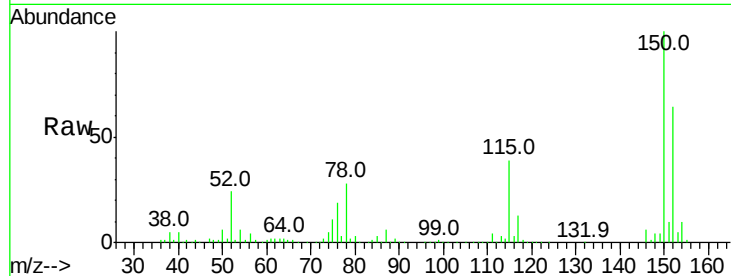




#59
 1,2,3-Trichloropropane
 Concen: 1.069 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU038261.D
 Acq: 21 May 2020 13:58

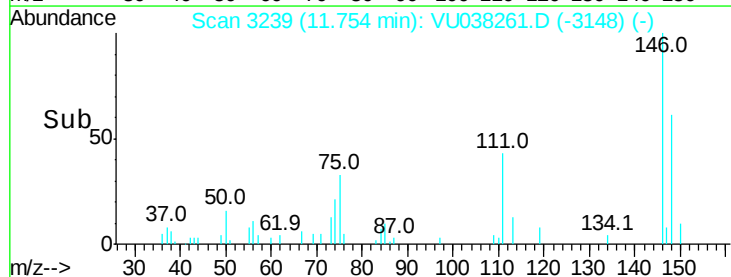
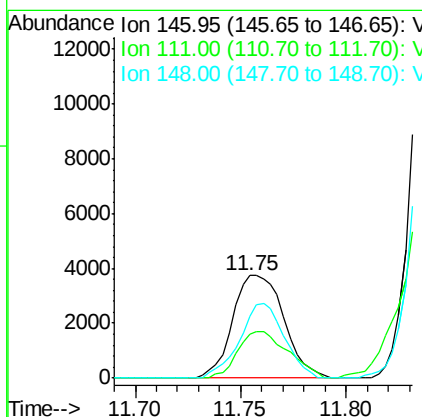
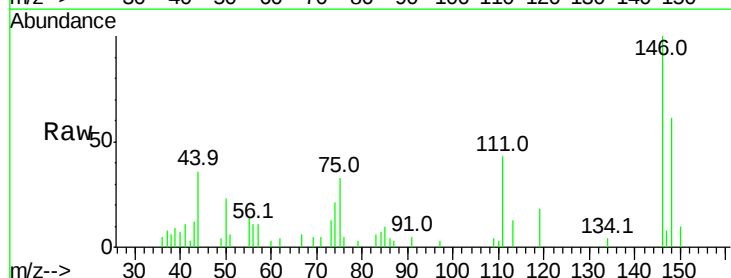
Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T3DL

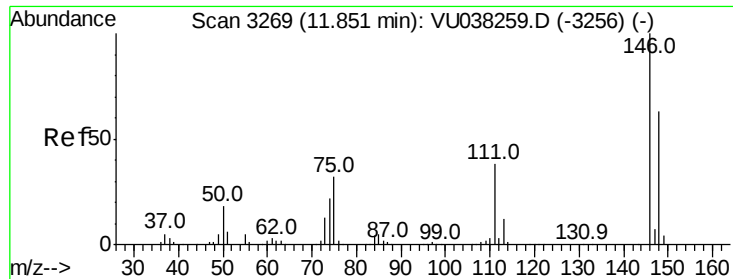
Tgt Ion: 75 Resp: 22881
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#62
 1,3-Dichlorobenzene
 Concen: 0.112 ug/L
 RT: 11.75 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: VU038261.D
 Acq: 21 May 2020 13:58

Tgt Ion: 146 Resp: 6325
 Ion Ratio Lower Upper
 146 100
 111 43.1 28.6 53.2
 148 60.7 45.2 84.0

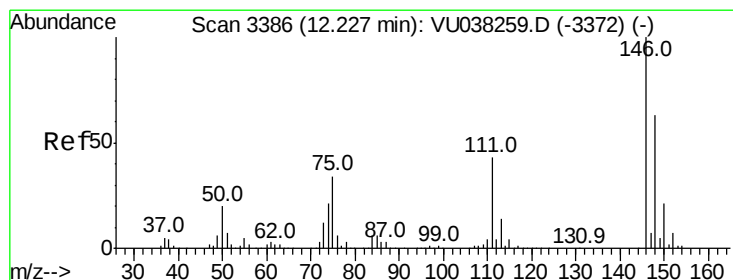
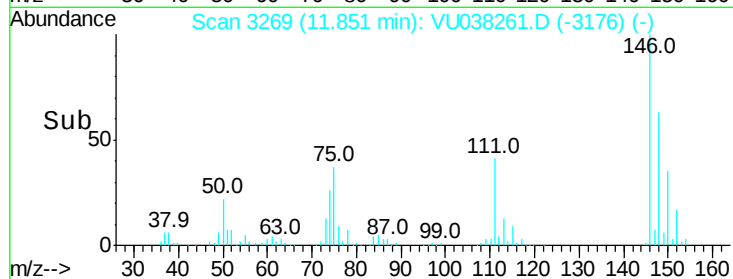
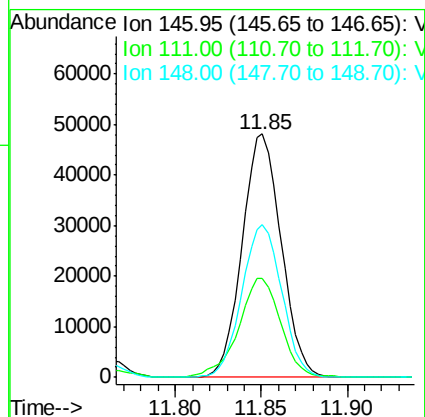
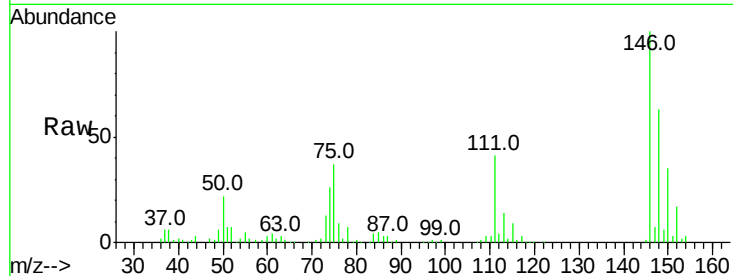




#63
 1,4-Dichlorobenzene
 Concen: 1.322 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU038261.D
 Acq: 21 May 2020 13:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T3DL

Tgt Ion:146 Resp: 75690
 Ion Ratio Lower Upper
 146 100
 111 40.7 27.2 50.6
 148 62.6 43.8 81.3



#65
 1,2-Dichlorobenzene
 Concen: 0.273 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038261.D
 Acq: 21 May 2020 13:58

Tgt Ion:146 Resp: 14831
 Ion Ratio Lower Upper
 146 100
 111 52.6 35.3 52.9
 148 67.5 51.0 76.4

