

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038391.D
 Acq On : 29 May 2020 21:10
 Operator : JC/MD
 Sample : L2749-19 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y3

Quant Time: May 30 01:49:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300396	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144601	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91360	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.93	69	86160	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.59	63	141465	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.67	46	358529	52.89	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.78%
24) Chloroform-d	5.10	84	200876	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	118601	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	412533	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.72	67	130399	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	354102	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.20	79	49543	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.65	63	290922	55.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108945	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	143220	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

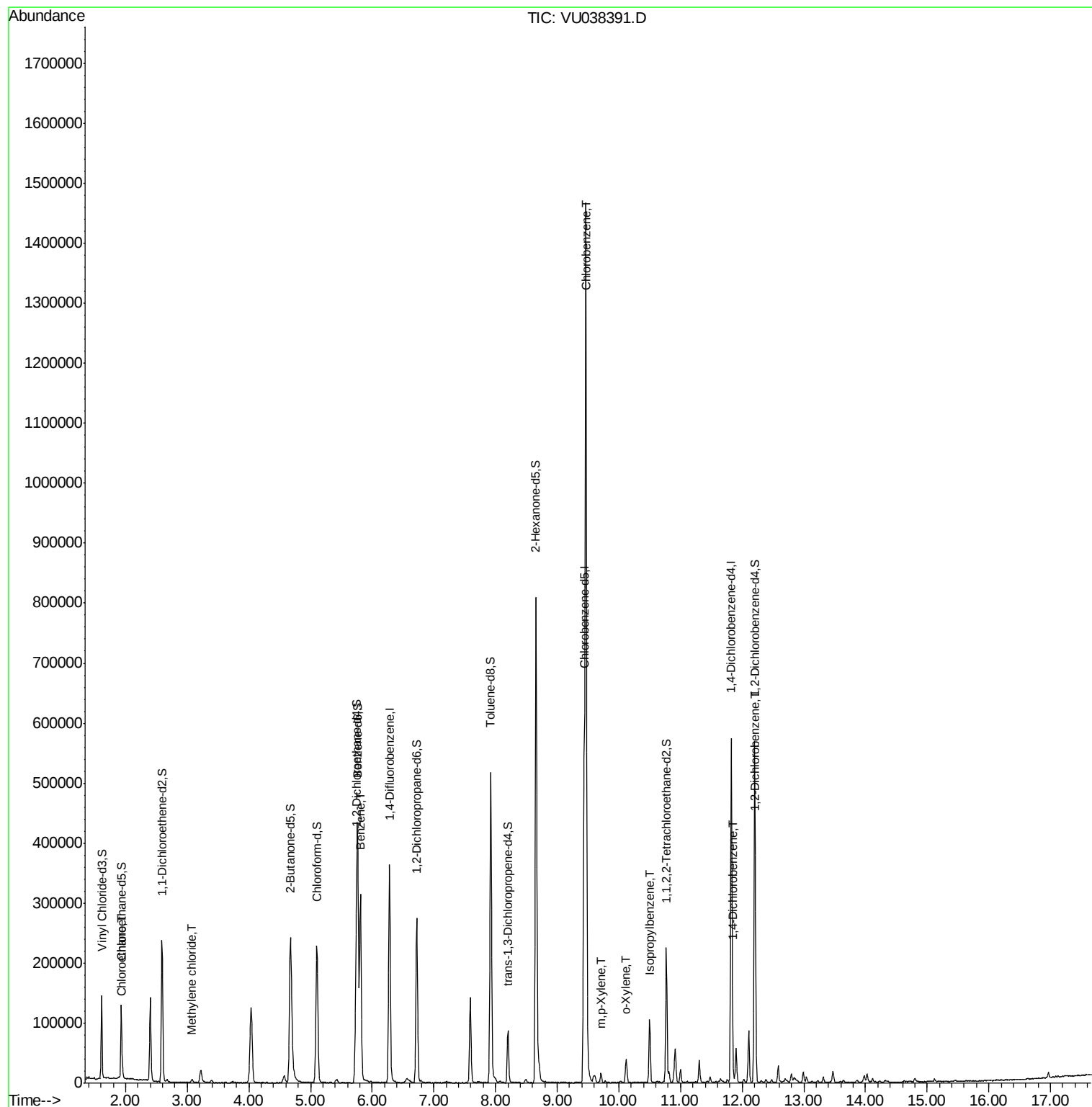
						Qvalue
8) Chloroethane	1.95	64	6683	0.33	ug/L	93
16) Methylene chloride	3.08	84	2389	0.10	ug/L	88
33) Benzene	5.81	78	294339	3.19	ug/L	100
51) Chlorobenzene	9.47	112	773171	12.78	ug/L	99
53) m,p-Xylene	9.71	106	4385	0.11	ug/L	79
54) o-Xylene	10.12	106	8822	0.23	ug/L	92
56) Isopropylbenzene	10.50	105	66732	0.66	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	10098	0.21	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	4075	0.09	ug/L	# 79

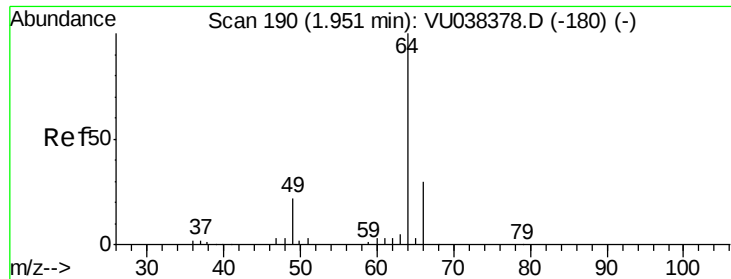
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.33 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038391.D

Acq: 29 May 2020 21:10

Instrument :

MSVOA_U

ClientSampleId :

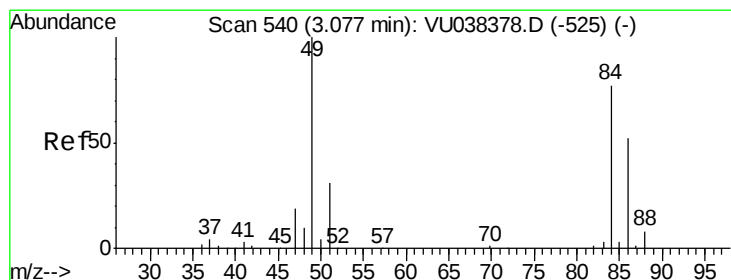
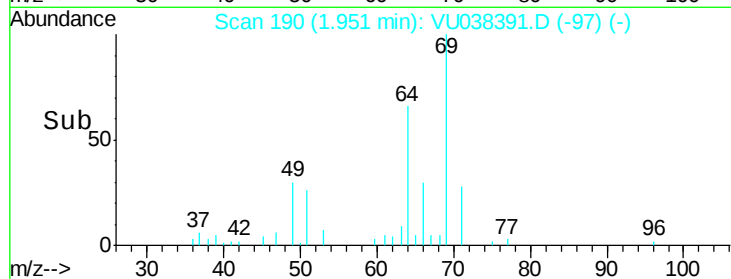
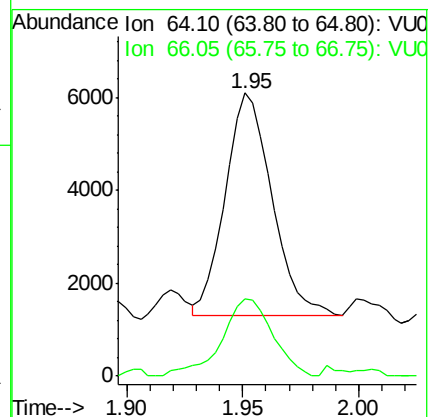
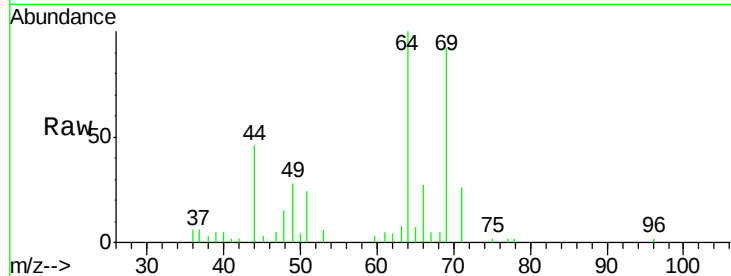
BE4Y3

Tgt Ion: 64 Resp: 6683

Ion Ratio Lower Upper

64 100

66 27.3 21.8 40.4



#16

Methylene chloride

Concen: 0.10 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU038391.D

Acq: 29 May 2020 21:10

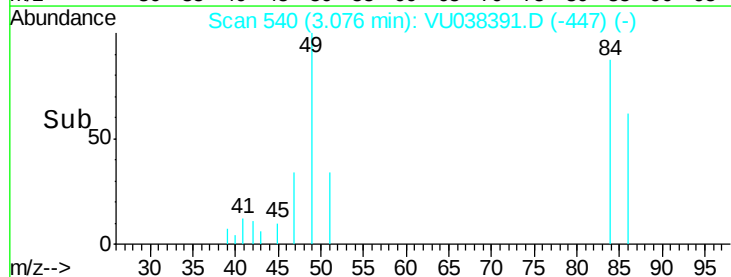
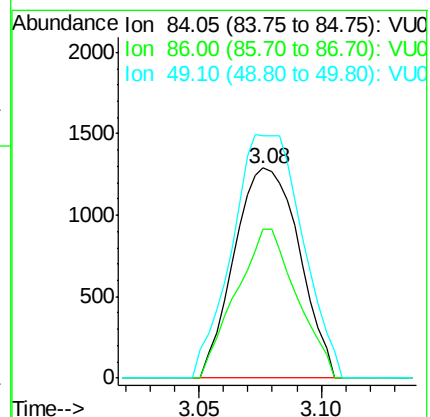
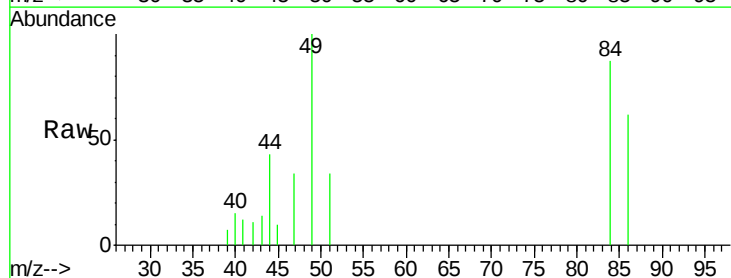
Tgt Ion: 84 Resp: 2389

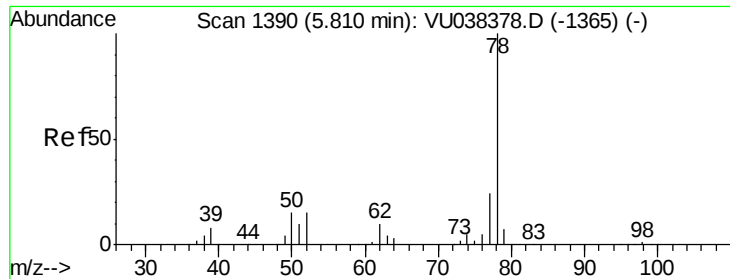
Ion Ratio Lower Upper

84 100

86 71.1 44.9 83.3

49 115.4 92.0 170.9





#33

Benzene

Concen: 3.19 ug/L

RT: 5.81 min Scan# 1390

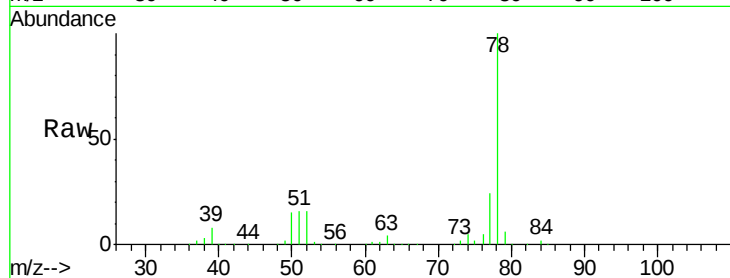
Delta R.T. -0.00 min

Lab File: VU038391.D

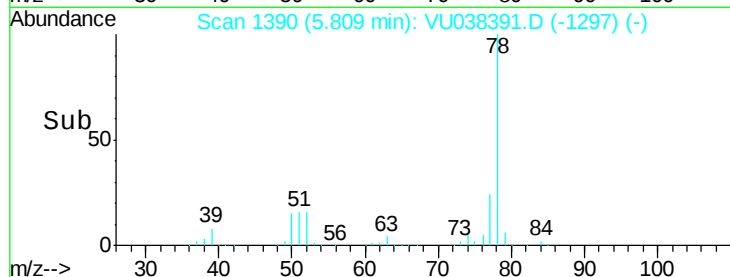
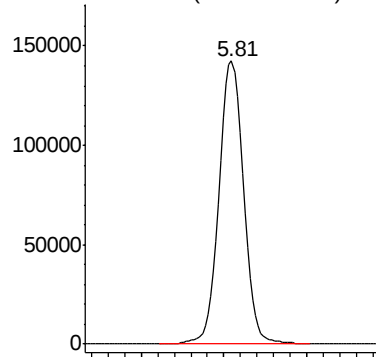
Acq: 29 May 2020 21:10

Instrument :
MSVOA_U
ClientSampled :
BE4Y3

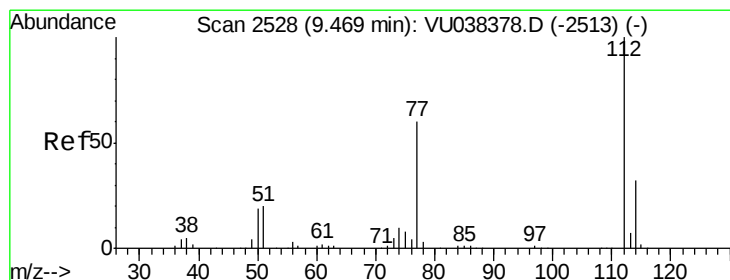
Tgt Ion: 78 Resp: 294339



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#51

Chlorobenzene

Concen: 12.78 ug/L

RT: 9.47 min Scan# 2527

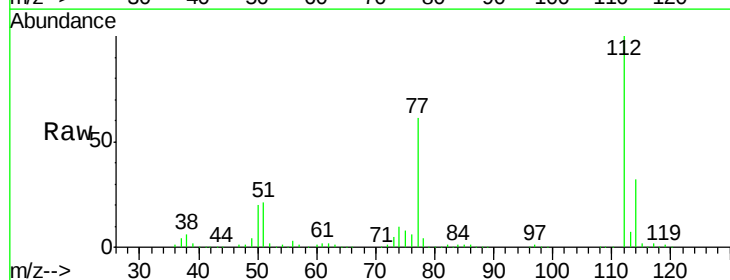
Delta R.T. -0.00 min

Lab File: VU038391.D

Acq: 29 May 2020 21:10

Tgt Ion: 112 Resp: 773171

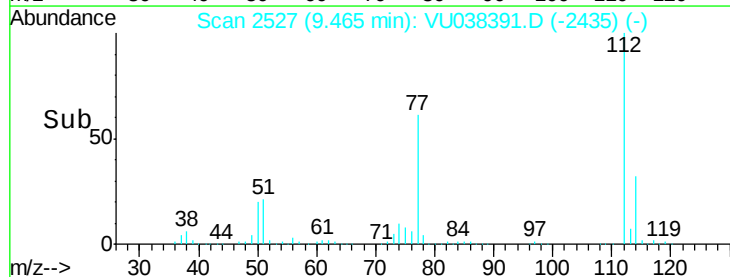
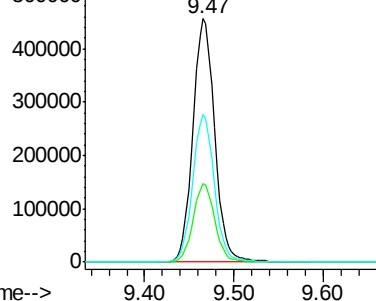
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	60.9	49.9	74.9



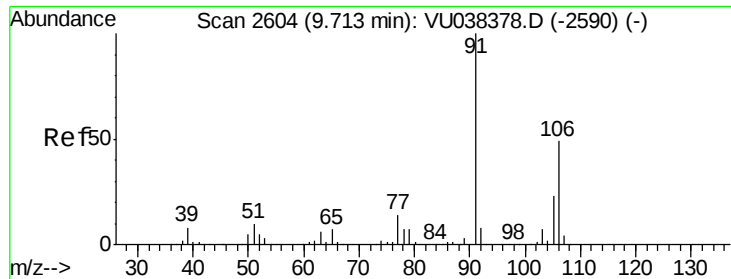
Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0



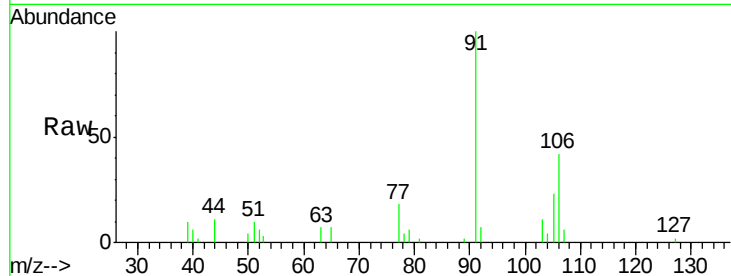
Time-->



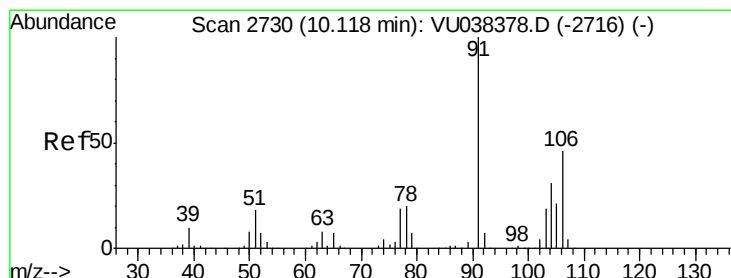
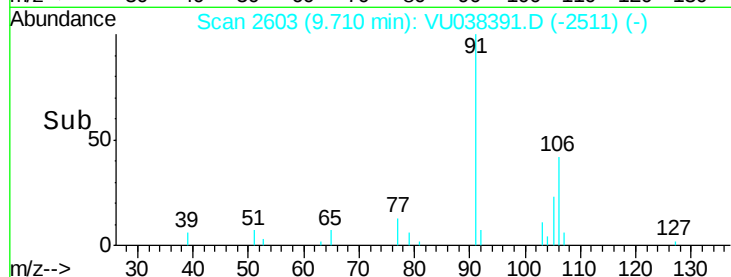
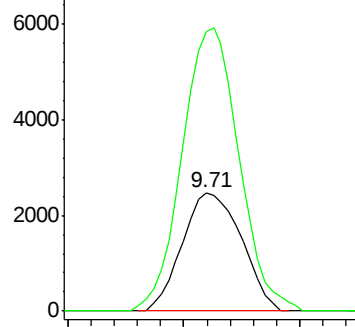
#53
m,p-Xylene
Concen: 0.11 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038391.D
Acq: 29 May 2020 21:10

Instrument :
MSVOA_U
ClientSampleId :
BE4Y3

Tgt Ion:106 Resp: 4385
Ion Ratio Lower Upper
106 100
91 235.8 142.1 263.9

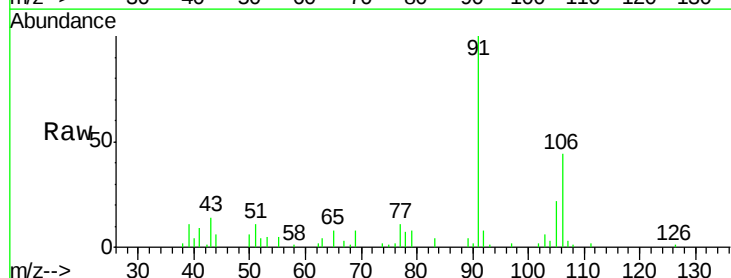


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

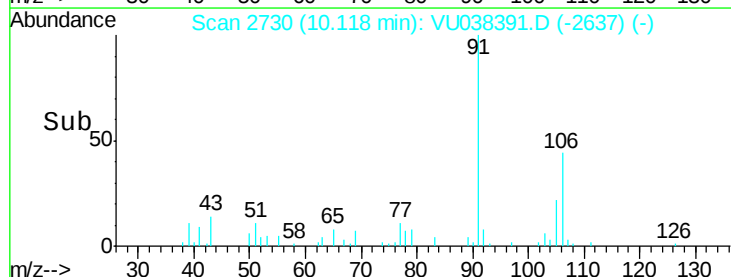
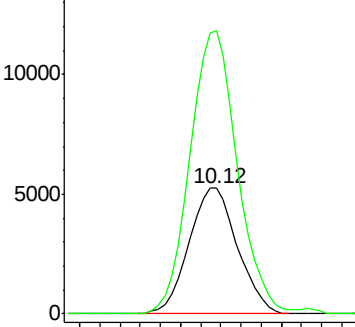


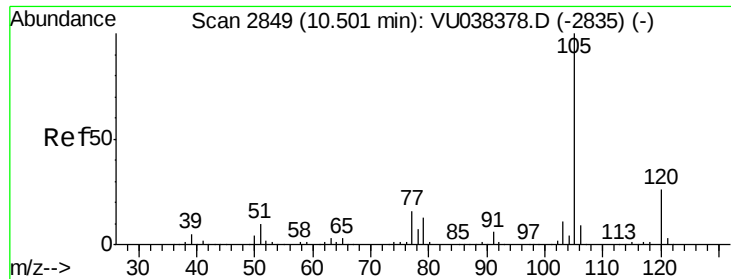
#54
o-Xylene
Concen: 0.23 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038391.D
Acq: 29 May 2020 21:10

Tgt Ion:106 Resp: 8822
Ion Ratio Lower Upper
106 100
91 225.5 148.5 275.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.66 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU038391.D

Acq: 29 May 2020 21:10

Instrument :

MSVOA_U

ClientSampled :

BE4Y3

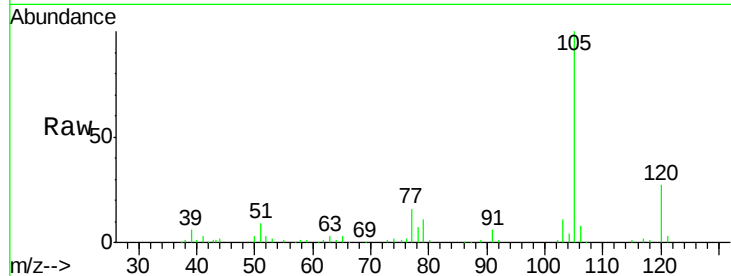
Tgt Ion:105 Resp: 66732

Ion Ratio Lower Upper

105 100

120 25.9 21.0 31.6

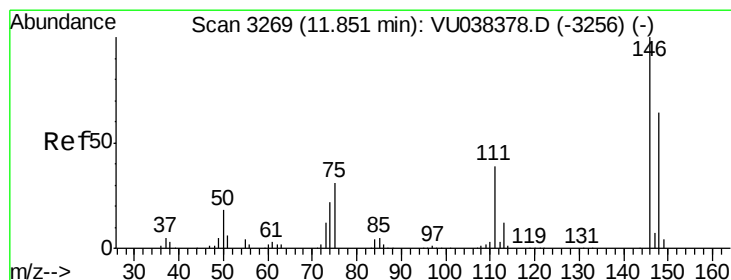
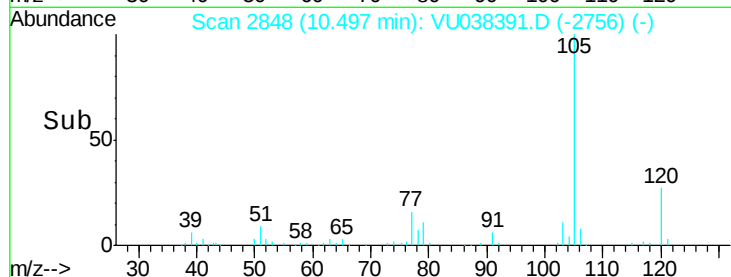
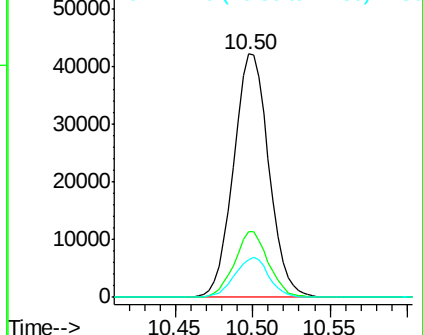
77 15.9 13.0 19.4



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): V



#63

1,4-Dichlorobenzene

Concen: 0.21 ug/L

RT: 11.85 min Scan# 3269

Delta R.T. -0.00 min

Lab File: VU038391.D

Acq: 29 May 2020 21:10

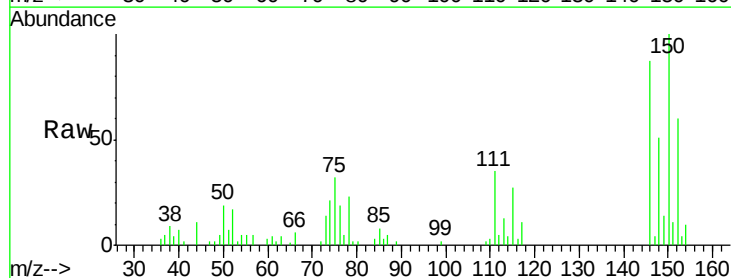
Tgt Ion:146 Resp: 10098

Ion Ratio Lower Upper

146 100

111 40.6 27.2 50.6

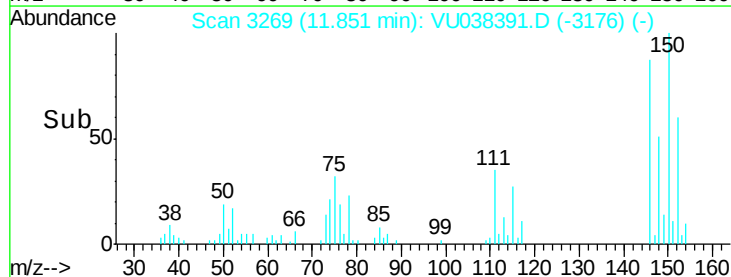
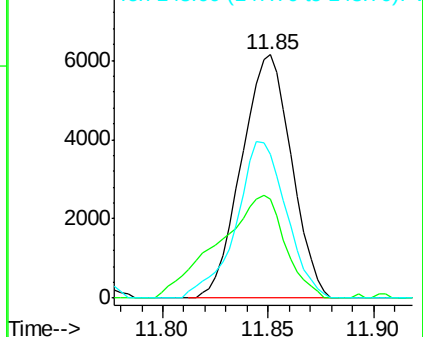
148 58.8 43.8 81.3

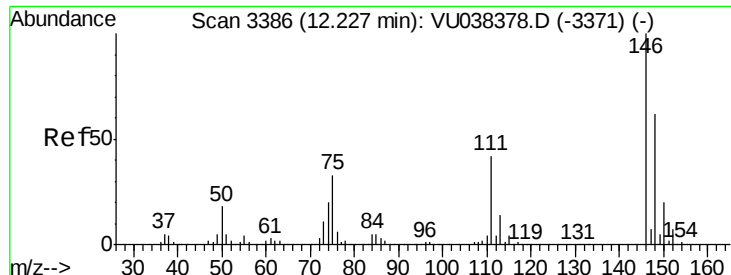


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

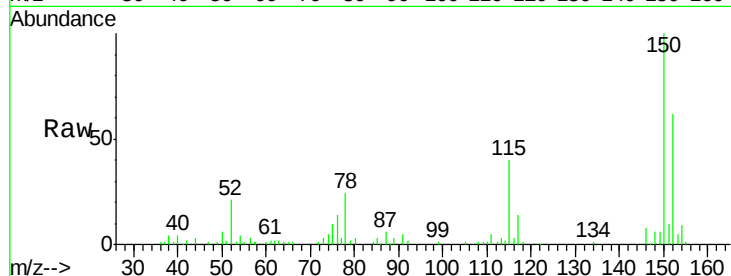




#65
 1,2-Dichlorobenzene
 Concen: 0.09 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038391.D
 Acq: 29 May 2020 21:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y3

Tgt Ion:146 Resp: 4075
 Ion Ratio Lower Upper
 146 100
 111 60.2 35.3 52.9#
 148 78.5 51.0 76.4#



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

